



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.

Subscription rates per calendar year:

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| Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995. | 16 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995. | 16 |
| Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995. | 20 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995. | 20 |
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| Rubriek TVH Bevat gegevens betreffende topografieën van halfgeleiderproducten. | 200Heading TVH Contains data concerning depots of original topographies of semi-conductor products. | 200 |

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| Rubriek UP1 Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking. | 201Heading UP1 Contains data concerning European patents with registered Unitary Effect. | 201 |
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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

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| (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 |
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| (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.

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| (51) A01C 1/00 A01C 21/00 A01G 22/00 | (54) DIAMETER-VARIABLE THRESHING CYLINDER FOR COMBINE HARVESTER | (71) Jan Larooij (72) Jan Larooij (41) 15.03.2023 |
| (21) 2032039 (22) 31.05.2022 | (71) Jinhua Polytechnic (74) ir. W.J.J.M. Kempes (72) Yunfeng Fu | (51) A01K 61/00 (21) 2031505 (22) 05.04.2022 |
| (54) DIRECT SOWING PLANTING METHOD FOR TROLLIUS CHINENSIS | Xuan Zhou Zhiming Wang Zhan Su Liquan Tian Zhao Ding | (54) FISH TRANSFER DEVICE FOR AQUACULTURE WORKING VESSEL |
| (71) Agricultural Biotechnology Center, Ningxia Academy of Agriculture and Forestry Sciences | (31) 202111047762.3 (32) 08.09.2021 (33) China | (71) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences |
| (74) ir. M.B. Plaggenborg (72) Yuchao Chen Xiaoyan Gan Shenghu Guo Li Tian | (51) A01G 9/14 A01G 9/24 A01G 9/22 | (74) ir. M.B. Plaggenborg (72) Yi Zhang Shu Zhang Na Li |
| (51) A01C 1/00 A01N 43/90 | (21) 1044126 (22) 24.08.2021 | (51) A01K 61/95 A01K 63/00 |
| (21) 2032051 (22) 01.06.2022 | (54) A PLANAR TRUSS | (21) 2031374 (22) 22.03.2022 |
| (54) DISEASE-RESISTANT AND INSECT- RESISTANT PRIMING AGENT FOR SMALL NON-HEADING CHINESE CABBAGE SEED AND USE THEREOF | (71) Alcomij Beheer BV (72) Sven Peter van Heijningen Willem Nowé | (54) TRANSFER AND CLASSIFIED TEMPORARY CULTURE SYSTEM SUITABLE FOR COLLECTION AND TRANSPORTION OF FISHES FOR DAM |
| (71) Nanjing Agricultural University Nanjing Suman Plasma Engineering Research Institute Co., Ltd. | (41) 13.03.2023 | (71) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences |
| (74) ir. M.B. Plaggenborg (72) Linghe Wang Xilin Hou Ying Li Hongfei Xu | (51) A01G 9/24 (21) 2029049 (22) 25.08.2021 | (74) ir. M.B. Plaggenborg (72) Haisheng Zou Liquan Lin Zhiyong Wang Zhiqiang Xu |
| (51) A01C 1/06 A01N 43/08 A01P 3/00 A01P 5/00 A01P 7/00 A01N 43/90 | (54) Method and system for controlling the cultivation of crops in a crop cultivation system | (51) A01K 61/95 A01K 63/00 E02B 8/08 |
| (21) 2032050 (22) 01.06.2022 | (71) Priva Holding B.V. (74) ir. H.A. Witmans c.s. (72) Theodorus Adrianus Rieswijk Johannes Wybe Westra | (21) 2031370 (22) 22.03.2022 |
| (54) NATURAL AND ENVIRONMENTALLY FRIENDLY NON-HEADING CHINESE CABBAGE SEED COATING AGENT AND PREPARATION METHOD THEREOF | (41) 15.03.2023 | (54) FISH COLLECTING DEVICE SUITABLE FOR FISH COLLECTION AND TRANSPORTATION SYSTEM FOR DAM |
| (71) Nanjing Agricultural University (74) ir. M.B. Plaggenborg (72) Hongfei Xu Xilin Hou Ying Li Linghe Wang | (51) A01H 1/08 A01C 1/02 | (71) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences |
| (51) A01F 12/18 A01F 12/22 | (21) 2034173 (22) 16.02.2023 | (74) ir. M.B. Plaggenborg (72) Zhiqiang Xu Haisheng Zou Liquan Lin Zhiyong Wang |
| (21) 2032970 (22) 07.09.2022 | (54) A METHOD FOR THE EFFICIENT INDUCTION OF POLYPLOIDS OF IRIS LACTEA VAR BY COLCHICINE | (51) A01K 63/00 (21) 2031373 (22) 22.03.2022 |
| | (71) Yangtze Normal University (74) ir. M.B. Plaggenborg (72) Gangjun Luo Wenji Xu Xiaoman Jiang Kang Gong Yongyao Fu Biao Lai | (54) HARVESTING SYSTEM AND METHOD FOR CULTURE CABIN OF CULTURE WORK BOAT |
| | (31) 202211024309.5 (32) 24.08.2022 (33) China | (71) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences |
| | (51) A01K 31/12 (21) 1044128 (22) 25.08.2021 | (74) ir. M.B. Plaggenborg |
| | (54) Het betreft een hangmat(je) voor vogels. | |

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| (72) Zhiyong Wang Mingchao Cui Zhiqiang Xu Zhixin Shen | (71) ZHEJIANG HENGFENG TOP LEISURE CO., LTD. (74) ir. H.Th. van den Heuvel c.s. (72) Baoqing Yang (31) 202122055626.0 (32) 27.08.2021 (33) China | Youqing Miao Ning Xu Tao Ding Kangsen Mai |
| (51) A01K 63/00 E02B 8/08 A01K 63/04 A01K 75/02 A01K 69/00 | (51) A01N 3/00 C07D 307/93 (21) 2032038 (22) 31.05.2022 (54) FRESH-KEEPING AGENT FOR GASTRODIA ELATA TUBERS, PREPARATION THEREOF, AND FRESH-KEEPING METHOD FOR GASTRODIA ELATA TUBERS USING THE SAME | (51) A23K 10/30 A23K 10/12 (21) 2030067 (22) 07.12.2021 (54) FERMENTED FEED OF RED JUJUBE AND COTTONSEED MEAL CAPABLE OF EFFECTIVELY LOWERING FREE GOSSYPOL CONTENT AND PREPARATION METHOD THEREOF |
| (21) 2031369 (22) 22.03.2022 (54) ESCAPE-PROOF DEVICE SUITABLE FOR FISH COLLECTION AND TRANSPORTATION SYSTEM FOR DAM | (71) Institute of Chinese Materia Medica, China Academy of Chinese Medical Sciences (74) ir. M.B. Plaggenborg (72) Tianrui Liu Yuan Yuan Yuchao Chen Luqi Huang | (71) TARIM UNIVERSITY (74) ir. M.B. Plaggenborg (72) Xiaoling Zhou Tao Xu Jinsong Yang (31) 202111042739.5 (32) 07.09.2021 (33) China |
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| (51) A01K 69/06 (21) 2031375 (22) 22.03.2022 (54) FISH GATHERING AND BLOCKING DEVICE FOR DAM | (51) A01N 65/00 A01P 3/00 C05G 3/00 A01P 21/00 (21) 2031431 (22) 29.03.2022 (54) COMPOUND PREPARATION CONTAINING EDIBLE MUSHROOM DREG EXTRACTS FOR MELON CROPS | (51) A47K 5/09 (21) 2029060 (22) 26.08.2021 (54) Soap and soap dispenser assembly with such soap (71) Mmid Products B.V. (74) ir. H.A. Witmans c.s. (72) Jiayi Zhao Oskar Bastiaan Soltesz (41) 15.03.2023 |
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| (51) A01K 74/00 (21) 2031372 (22) 22.03.2022 (54) MECHANIZED DEVICE FOR GATHERING CULTURED OBJECTS CULTURED IN SHIPBORNE CABIN | (71) SHANDONG AGRICULTURAL TECHNOLOGY PROMOTION CENTER SHANDONG ACADEMY OF AGRICULTURAL SCIENCES INSTITUTE OF AGRICULTURAL RESOURCES AND ENVIRONMENT (74) ir. M.B. Plaggenborg (72) Hui Cui Peng Yang Shufang Zhao Jin Li Zhiyuan Gong Jiandong Han Xia Gao Luchang Wan Chunyan Huang Qiang Yao Hongyan Xie | (51) A61B 5/00 A61B 5/01 (21) 2031993 (22) 26.05.2022 (54) A POSITIONING MECHANISM OF INFRARED THERMAL IMAGING INSTRUMENT FOR DETECTING PARATHYROID GLAND OF HUMAN BODY (71) PLA AIR FORCE MILITARY MEDICAL UNIVERSITY (74) ir. M.B. Plaggenborg (72) Mengxuan Li Jing Fan Ting Wang Jing Kong Yidi Wang Songpeng Li Huimin Meng |
| (71) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences (74) ir. M.B. Plaggenborg (72) Zhixin Shen Yaoming Zhang Zhiqiang Xu Liqun Lin | (51) A23K 10/18 A23K 10/22 A23K 20/10 A23K 50/80 (21) 2031720 (22) 27.04.2022 (54) COMPOUND FEED ADDITIVE FOR PROMOTING INTESTINAL DEVELOPMENT AND ENZYME ACTIVITY OF LARIMICHTHYS CROCEA LARVAE | (51) A61K 36/714 A61P 29/00 (21) 2032364 (22) 04.07.2022 |
| (51) A01K 97/00 E05B 63/00 (21) 2032842 (22) 24.08.2022 (54) Lock | (71) Ocean University of China (74) ir. M.B. Plaggenborg (72) Qinghui Ai Yongtao Liu | |

- (54) METHOD FOR PROCESSING TRADITIONAL CHINESE MEDICINE RADIX ACONITI
(71) Jiangxi University of Chinese Medicine
(74) ir. M.B. Plaggenborg
(72) Jing Zhu
Lingyun Zhong
Ming Yang
Qianfeng Gong
Xietao Ye
Xide Ye
Yi Huang
Hengli Tong
Huan Yu
Fang Wang
Hui Fan
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- (51) A61K 49/00
(21) 2031809
(22) 09.05.2022
(54) USE OF OATP1B3 IN PREPARATION OF MAGNETIC RESONANCE/ NEAR INFRARED REPORTER FOR MONITORING AND/OR IN VIVO TRACKING OF TRANSPLANTED CELL
(71) SHENZHEN UNIVERSITY PEKING UNIVERSITY
(74) ir. M.B. Plaggenborg
(72) Jinqi Liao
Mingzhuang Chen
Yunzhi Zhao
Ting Wang
Arshad Pedhiar
Guangqian Zhou
-
- (51) A61P 3/10
A61K 45/06
A23L 33/21
A23L 33/10
(21) 1044131
(22) 25.08.2021
(54) Composition for treating diabetes based on traditional Chinese medicine nutritional therapy and application thereof
(71) Dongbo Liu
(74) drs. O. Griebling
(72) Jian Li
Ruiyu Wu
Dongbo Liu
Xihu Lai
(41) 15.03.2023
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A63B 71/00
(21) 1044134
(22) 27.08.2021
(54) BUMPER PLATE AND BARBELL COMPRISING AT LEAST TWO OF SUCH BUMPER PLATES
(71) Tigelor
(74) W.J. Slikker
(72) Miron Tigcheler
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(22) 27.07.2022
(54) WASTE CARDBOARD BIOCHAR FOR TREATING RHODAMINE B DYE WASTEWATER AND PREPARATION
-
- METHOD AND APPLICATION THEREOF
(71) NANTONG UNIVERSITY
(74) ir. W.J.J.M. Kempes
(72) Pingping Huang
Shiyu Deng
Yanshan Wang
Shuqi Luo
Zhexin Li
Siqiang Zhang
Kunhong Miao
Weiru Zhi
Qiuyu Zhang
Tongrong Huo
(31) 202111001387.9
(32) 30.08.2021
(33) China
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- (51) B01L 1/02
(21) 2032783
(22) 17.08.2022
(54) A Test Chamber for Simulating the Underground Down-hole Working Environment
(71) Air Force Medical University of PLA Xi'an University of Science and Technology
(74) dr. A.V. Huygens
(72) Qing Cai
Siwei Wang
Dayun Feng
Lei Li
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- (51) B02C 18/14
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(21) 2032175
(22) 15.06.2022
(54) CERAMIC SLUDGE TREATMENT METHOD AND SYSTEM
(71) Shuimujingu Environmental Technology Co., Ltd.
(74) dr. R.C. van Duijvenbode c.s.
(72) Higashi Ko
Huajun Nie
Hao Wang
-
- (51) B09C 1/00
C09K 17/08
(21) 2031329
(22) 18.03.2022
(54) ANTIMONY-CONTAMINATED SOIL STABILIZATION AGENT BASED ON CLAY MINERAL DOPING AND PREPARATION METHOD THEREOF
(71) Southeast University
(74) ir. W.J.J.M. Kempes
(72) Shiji Zhou
Yanjun Du
Huiyang Sun
Hang Yuan
Qing Zhang
-
- (51) B09C 1/08
(21) 2032884
-
- (22) 29.08.2022
(54) AN ACTIVATED CARBON CAP DISPOSAL METHOD FOR HEAVY METAL CONTAMINATED DREDGED MATERIAL
(71) Wenchao Yang
(74) dr. R.C. van Duijvenbode c.s.
(72) Jianbo Han
Wenchao Yang
Shuang Song
Hong Chen
(31) 2021110395430
(32) 06.09.2021
(33) China
-
- (51) B22F 9/08
B82Y 40/00
(21) 2031217
(22) 09.03.2022
(54) NOVEL PREPARATION METHOD OF NANO METALLIC RUBIDIUM
(71) Hebei Rubidium and Cesium Technology Co., Ltd.
Hebei Zhuhe Group Xinglong County Mining Co., Ltd.
(74) ir. M.B. Plaggenborg
(72) Zhiguo Zhang
Guanghe Yang
Lianzhu Fan
Qian Zhao
Wenhong Li
Haoming Bao
Weiping Cai
Guozheng Li
Hongwen Zhang
Rouying Li
-
- (51) B25B 11/00
(21) 2031871
(22) 16.05.2022
(54) AN IN-SITU SUCCESSIVELY FIXING ROLLING TYPE HOLDING DEVICE FOR USE IN A LOW-TEMPERATURE ENVIRONMENTAL TEST CHAMBER
(71) NORTHWESTERN POLYTECHNICAL UNIVERSITY
(74) ir. M.B. Plaggenborg
(72) Yunhui Zhang
Yongjie Zhang
Guisen Luo
-
- (51) B29B 7/00
B29B 7/18
B29B 7/28
B29B 7/74
B29B 7/82
(21) 2032946
(22) 02.09.2022
(54) METHODS OF PREPARING A COMPOSITE HAVING ELASTOMER AND FILLER
(71) Beyond Lotus LLC
(74) ir. H.A. Witmans c.s.
(72) Martin C. Green
Carlos Andres Echavarría Yepes
(31) 63/240,414
(32) 03.09.2021
(33) United States of America
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- (51) B29B 17/04
B02C 4/08
B02C 4/08

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| (21) 2032735 | Yanghua Fu | (54) AN ELECTROMAGNETIC RELEASE |
| (22) 11.08.2022 | (51) B63B 25/12 | DEVICE FOR USE IN VERTICAL |
| (54) CRUSHING DEVICE AND PROCESS | (21) 2031376 | FALLING TESTS OF TRI-ROTOR UAVS |
| FOR RUBBER POWDER | (22) 22.03.2022 | (71) NORTHWESTERN POLYTECHNICAL |
| (71) Mianyang Ruiyang New Material | (54) A SHIP LIQUID TANK FIXING SYSTEM | UNIVERSITY |
| Technology Development Co., Ltd. | (71) Fishery Machinery and Instrument | (74) ir. M.B. Plaggenborg |
| (74) ir. M.B. Plaggenborg | Research Institute, Chinese Academy of | (72) Yongjie Zhang |
| (72) Duoxiao Wang | Fishery Sciences | Yafeng Wang |
| (51) B29D 30/26 | (74) ir. M.B. Plaggenborg | Yingjie Huang |
| B29D 30/00 | (72) Yaoming Zhang | Zhiwen Li |
| (21) 2029073 | Zhiqiang Xu | Kang Cao |
| (22) 27.08.2021 | Liqun Lin | Yazhou Guo |
| (54) Gripper, gripper station and method for | (51) B63B 35/00 | (51) B64F 5/60 |
| gripping an annular tire component | A01K 61/60 | (21) 2034174 |
| (71) VMI Holland B.V. | (21) 2031443 | (22) 16.02.2023 |
| (74) ir. F.A. Geurts c.s. | (22) 29.03.2022 | (54) DRY ICE TYPE TEMPERATURE |
| (72) Timen Anton van Werven | (54) ONBOARD AQUACULTURE | CONTROL SYSTEM AND METHOD |
| Robin Nusselder | SYSTEM USING VENTILATION AND | OF MODEM FOR GROUND TEST OF |
| Willem Marinus van Beek | PRESSURIZATION TO ACHIEVE | ROTOR SYSTEM |
| (41) 15.03.2023 | MULTI-LAYER AQUACULTURE | (71) NORTHWESTERN POLYTECHNICAL |
| (51) B29D 30/30 | (71) Fishery Machinery and Instrument | UNIVERSITY |
| (21) 2029062 | Research Institute, Chinese Academy of | (74) ir. M.B. Plaggenborg |
| (22) 26.08.2021 | Fishery Sciences | (72) Yongjie Zhang |
| (54) Strip applicator, strip-winding station and | (74) ir. M.B. Plaggenborg | Guisen Luo |
| method for applying a strip to a strip- | (72) Jianxun Li | (31) 202211590220.5 |
| winding drum | Zhixin Shen | (32) 12.12.2022 |
| (71) VMI Holland B.V. | Mingchao Cui | (33) China |
| (74) ir. F.A. Geurts c.s. | Bin Zhang | (51) B65B 25/02 |
| (72) Gerardus Johannes Catharina van Laar | (51) B63C 11/52 | B65B 43/28 |
| Marcel Smits | G01N 33/18 | B65B 43/54 |
| (41) 15.03.2023 | (21) 2031893 | (21) 2029056 |
| (51) B63B 1/12 | (22) 17.05.2022 | (22) 26.08.2021 |
| B63B 35/00 | (54) UNDERWATER ROBOT FOR | (54) A method for packaging a product like |
| (21) 2032808 | MONITORING ANOXIC AREA OF LAKE | botanical items in a sleeve as well as |
| (22) 18.08.2022 | OR RESERVOIR | a device for packaging a product like |
| (54) MULTIFUNCTIONAL DOUBLE-BODY | (71) China Institute of Water Resources and | botanical items in a sleeve |
| TYPE UNMANNED MONITORING SHIP | Hydropower Research | (71) Gipmans Groep B.V. |
| FOR WATER ENVIRONMENT | (74) ir. M.B. Plaggenborg | (74) ir. C.G.C. Veldman-Dijkers |
| (71) China Institute of Water Resources and | (72) Yizhen Tan | (72) Richard Koch |
| Hydropower Research | Chang Liu | Jos Gipmans |
| (74) ir. M.B. Plaggenborg | Xiaobo Liu | (41) 15.03.2023 |
| (72) Zhen Han | Shilin Zhao | (51) B65G 1/14 |
| Xiaobo Liu | Jiaxiang Zou | B60P 7/08 |
| Xu Ma | Liang Wang | (21) 2030046 |
| Chang Liu | Zhen Han | (22) 06.12.2021 |
| Shiyan Wang | Shiyan Wang | (54) ANTI-SLIP BLOCK FOR SECURING |
| Jiaxiang Zou | Jie Wang | GOODS |
| Yizhen Tan | Xuefei Bai | (71) Crelast Consult srl |
| Yanliang Du | (51) B64C 27/00 | (74) ir. J.P.E. Brants |
| Shilin Zhao | B64F 5/60 | (72) Peter Uytterhaegen |
| Jie Wang | (21) 2034175 | (31) 2021/5651 |
| (51) B63B 22/00 | (22) 16.02.2023 | (32) 16.08.2021 |
| H02J 7/35 | (54) SPLIT TEMPERATURE CONTROL | (33) Belgium |
| B63B 22/04 | SYSTEM AND METHOD FOR | (51) C01B 32/15 |
| (21) 2031361 | MODEMS FOR GROUND TESTING OF | H01M 4/583 |
| (22) 22.03.2022 | ROTORCRAFT SYSTEMS | (21) 2031216 |
| (54) ANTI-ICE BUOY STRUCTURE | (71) NORTHWESTERN POLYTECHNICAL | (22) 09.03.2022 |
| FOR MARINE ENVIRONMENTAL | UNIVERSITY | (54) METHOD FOR RAPIDLY PREPARING |
| MONITORING | (74) ir. M.B. Plaggenborg | NANOSCALE AMORPHOUS CARBON |
| (71) Dalian University of Technology | (72) Yongjie Zhang | (71) Hebei Zhuhe Group Xinglong County |
| (74) ir. W.J.J.M. Kempes | Guisen Luo | Mining Co., Ltd. |
| (72) Dayong Zhang | (31) 202211606181.3 | Hebei Rubidium and Cesium Technology |
| Xiangfeng Zhang | (32) 12.12.2022 | Co., Ltd. |
| Ning Xu | (33) China | (74) ir. M.B. Plaggenborg |
| Xin Peng | (51) B64F 5/60 | (72) Wenhong Li |
| Qixin Lv | (21) 2031872 | Lianzhu Fan |
| Shuai Yuan | (22) 16.05.2022 | Haoming Bao |
| Guojun Wang | | Guanghe Yang |

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| Zhiguo Zhang | (72) Aroen Mughal | (72) Miao Chu |
| Lianguo Fan | (51) E02B 8/08 | Qingli Wang |
| Qian Zhao | (21) 2031371 | Changzhi Duan |
| Hongwen Zhang | (22) 22.03.2022 | Lingfeng Yu |
| Weiping Cai | (54) FISH COLLECTION AND | (31) 202122106334.5 |
| Guozheng Li | TRANSPORTATION SYSTEM FOR | (32) 02.09.2021 |
| Rouying Li | DAM AND FISH COLLECTION | (33) China |
| (51) C12Q 1/6844 | AND TRANSPORTATION METHOD | (51) E21B 33/12 |
| C12Q 1/689 | THEREOF | (21) 2032590 |
| (21) 2032806 | (71) Fishery Machinery and Instrument | (22) 25.07.2022 |
| (22) 18.08.2022 | Research Institute, Chinese Academy of | (54) HYDRAULIC SETTING CHAMBER |
| (54) LOOP-MEDIATED ISOTHERMAL | Fishery Sciences | ISOLATION MECHANISM FROM |
| AMPLIFICATION (LAMP) PRIMER SET, | (74) ir. M.B. Plaggenborg | TUBING PRESSURE DURING |
| KIT AND LAMP MICROFLUIDIC CHIP | (72) Haisheng Zou | PRODUCTION AND STIMULATION OF |
| FOR DETECTING ACTINOBACILLUS | Zhiqiang Xu | THE WELL |
| PLEUROPNEUMONIAE | Liquan Lin | (71) Halliburton Energy Services, Inc. |
| (71) ANHUI AGRICULTURAL UNIVERSITY | Zhixin Shen | (74) dr. ir. F.M. van Bouwelen |
| (74) ir. M.B. Plaggenborg | (51) E02D 5/30 | (72) Chien Hsiang Benjamin Ong |
| (72) Yu Li | E02D 5/38 | Balaji Prasad Jutu Mothilal |
| Xiaohui Huang | E02D 5/52 | Jalpan Piyush Dave |
| Feifei Sun | E02D 15/04 | (31) 17/469,693 |
| Jinnian Li | E02D 27/12 | (32) 08.09.2021 |
| Xuelan Liu | E02D 5/72 | (33) United States of America |
| Pei Sun | (21) 2032920 | (51) E21B 33/13 |
| Jie Tang | (22) 31.08.2022 | (21) 2032583 |
| (31) 202111036574 .0 | (54) CONCRETE FILLED STEEL TUBULAR | (22) 25.07.2022 |
| (32) 03.09.2021 | PILE-COLUMN INTEGRATED | (54) CONTROLLED ACTUATION OF A |
| (33) China | STRUCTURE AND CONSTRUCTION | REACTIVE METAL |
| (51) D04H 1/02 | METHOD | (71) Halliburton Energy Services, Inc. |
| D04H 1/42 | (71) University of Science and Technology | (74) dr. ir. F.M. van Bouwelen |
| (21) 2031810 | Liaoning | (72) Michael Linley Fripp |
| (22) 09.05.2022 | (74) ir. M.B. Plaggenborg | Brandon Thomas Least |
| (54) WOOL AND SILK WARM-CORE | (72) Qingli Wang | (31) PCT/US21/48628 |
| FLOCCULUS AND PREPARATION | Yihuan Guo | 17/462,570 |
| METHOD THEREOF | Yingfu Ning | (32) 01.09.2021 |
| (71) Shaanxi Sheep Leader Clothing Co., Ltd. | Guorui Gao | 31.08.2021 |
| (74) ir. M.B. Plaggenborg | (31) 202111029587 .5 | (33) United States of America |
| (72) Zhongmei Yang | (32) 03.09.2021 | United States of America |
| (51) E01C 5/00 | (33) China | (51) E21D 11/10 |
| (21) 2029064 | (51) E03B 7/10 | (21) 2032200 |
| (22) 27.08.2021 | (21) 2030280 | (22) 17.06.2022 |
| (54) Gasdoorlatende verharde weg, | (22) 23.12.2021 | (54) GUNITE SPRAYING MANIPULATOR |
| wegdekplaat en werkwijze voor het | (54) WATER SUPPLY PIPELINE WATER- | WITH HEXAPOD TRAVELING DEVICE |
| leggen ervan | BREAK DRAINAGE ANTI-FREEZING | (71) Qingdao Nakong Intelligent Technology |
| (71) Biobound B.V. | CONVERTER AND METHOD | Co., Ltd. |
| (74) dr. T. Wittop Koning PhD | (71) QINGDAO UNIVERSITY OF | SHANDONG UNIVERSITY OF |
| (72) Jacobus Gerhard Nicolaas Schotanus | TECHNOLOGY | SCIENCE AND TECHNOLOGY |
| (41) 15.03.2023 | (74) ir. M.B. Plaggenborg | (74) ir. M.B. Plaggenborg |
| (51) E01C 23/01 | (72) Changqing Liu | (72) Liangsong Huang |
| (21) 2031219 | Zhichao Li | Kailin Feng |
| (22) 09.03.2022 | Xiaodong Wang | Yuxia Li |
| (54) LASER-BASED DYNAMIC TEST | Dong Chen | Kun Zhang |
| DEVICE FOR LANE LINE CONDITION | Xianpeng Sun | Mingchao Du |
| AND METHOD THEREOF | Fangchao Zhao | Guanguo Ma |
| (71) Research Institute of Highway Ministry of | Feng Zhang | Shumei Liu |
| Transport | (31) 202111038080.6 | Bin Cui |
| (74) ir. M.B. Plaggenborg | (32) 06.09.2021 | (51) F01N 11/00 |
| (72) Huayang He | (33) China | F01N 13/00 |
| Wenyang Su | (51) E04C 5/16 | (21) 2032886 |
| (51) E02B 3/14 | E04B 1/21 | (22) 29.08.2022 |
| E02B 11/00 | (21) 2032918 | (54) UITLAATGASSYSTEEM |
| E03F 1/00 | (22) 31.08.2022 | (71) HUG Engineering AG |
| (21) 2029051 | (54) ASSEMBLED CONCRETE-FILLED | (74) ir. A. Blokland c.s. |
| (22) 25.08.2021 | ROUND STEEL TUBE COLUMN RC | (72) Thomas Bürgin |
| (54) Drainage block with improved stability | BEAM CONNECTING NODE | Dario Hug |
| (71) Hill Innovations B.V. | (71) University of Science and Technology | (31) 10 2021 122 492.6 |
| (74) dr. R.C. van Duijvenbode c.s. | Liaoning | (32) 31.08.2021 |
| | (74) ir. M.B. Plaggenborg | |

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| (33) Germany | Yanping Liu | (54) METHOD FOR SCREENING PRIORITY |
| (51) F03D 9/11 | Jing Liu | POLLUTANTS OF ASPHALT VOCs AND |
| F03D 9/19 | Tiegang Zhang | APPLICATION THEREOF |
| F03D 13/25 | Ying Zheng | (71) Wuhan University of Technology |
| (21) 1044133 | Guodong Tang | (74) ir. W.J.J.M. Kempes |
| (22) 24.08.2021 | (31) 202111014570.2 | (72) Yunya Niu |
| (54) Methode en Inrichting voor het vervoeren | (32) 31.08.2021 | Meizhu Chen |
| van energie vanaf in zee geïnstalleerde | (33) China | Jun Xie |
| windturbines | (51) G01N 1/24 | Qi Jiang |
| (71) Presign BV | G01N 30/88 | Shaopeng Wu |
| (72) Reinout Klaar Norfolk Jaap Prins | (21) 2031185 | Na Li |
| (41) 13.03.2023 | (22) 08.03.2022 | Ling Pang |
| (51) F03D 9/11 | (54) METHOD FOR QUANTIFYING | Quantao Liu |
| F03D 9/32 | COMPOSITION AND EMISSIONS | (51) G01N 30/30 |
| B60P 3/36 | OF VOCs ON ASPHALT PAVEMENT | (21) 2029045 |
| (21) 2031441 | CONSTRUCTION SITE | (22) 25.08.2021 |
| (22) 29.03.2022 | (71) Wuhan University of Technology | (54) HEATING ASSEMBLY FOR A |
| (54) SELF-GENERATED RECREATIONAL | (74) ir. W.J.J.M. Kempes | CHROMATOGRAPHY SYSTEM |
| VEHICLE | (72) Yunya Niu | (71) GL Sciences B.V. |
| (71) Chongqing Vocational Institute of | Shaopeng Wu | (74) ir. H.A. Witmans c.s. |
| Engineering | Na Li | (72) Nikolay Gribov |
| (74) ir. M.B. Plaggenborg | Qi Jiang | (41) 15.03.2023 |
| (72) Xiao Fu | Jun Xie | (51) G01R 19/00 |
| Shaohua Fu | Ling Pang | G01R 31/26 |
| (31) 202110991087.3 | Meizhu Chen | (21) 2031362 |
| (32) 26.08.2021 | Quantao Liu | (22) 22.03.2022 |
| (33) China | (51) G01N 15/06 | (54) METHOD OF MEASURING |
| (51) F16H 33/18 | G06F 30/20 | TRANSIENT PHOTOVOLTAGE OF |
| F16H 33/08 | (21) 2030716 | SEMICONDUCTOR PHOTOELECTRIC |
| F16H 33/14 | (22) 26.01.2022 | MATERIALS UNDER INDUCTION OF |
| F03G 3/08 | (54) METHOD FOR MONITORING | ELECTRIC FIELD OR MAGNETIC |
| F03G 7/10 | NIGHTTIME PM2.5 CONCENTRATION | FIELD |
| (21) 2029035 | BASED ON NIGHTTIME LIGHT | (71) Jilin University |
| (22) 24.08.2021 | REMOTE SENSING DATA | (74) ir. W.J.J.M. Kempes |
| (54) A system for torque modulation and a | (71) Nanjing University of Information Science | (72) Kai Zhang |
| method thereof | and Technology | Dejun Wang |
| (71) Klever Instrumentatie Beheer B.V. | (74) drs. C.M.A. Quintelier | Tengfeng Xie |
| (74) mr. ir. J. van Breda c.s. | (72) Yongming Xu | Dedong Meng |
| (72) Wilhelmus Jacobus Klever | Yaping Mo | (51) G01S 7/02 |
| (41) 13.03.2023 | Shanyou Zhu | G01S 7/282 |
| (51) G01H 9/00 | Huijuan Chen | G01S 7/285 |
| (21) 2029038 | Guojie Wang | G01S 7/36 |
| (22) 25.08.2021 | (31) 2021109496981 | G01S 7/41 |
| (54) Optical sensor element | (32) 28.08.2021 | (21) 2032908 |
| (71) Technische Universiteit Delft | (33) China | (22) 30.08.2022 |
| (74) dr. A. Ellens c.s. | (51) G01N 21/71 | (54) AN IMPLEMENTATION METHOD OF |
| (72) Peter Gerard Steeneken | (21) 2032786 | HIGH-FREQUENCY SKY-SURFACE |
| Wouter Jan Westerveld | (22) 18.08.2022 | MIMO RADAR |
| Stephen James Picken | (54) COLD-ROLLED PIPE SURFACE | (71) Wuhan University |
| (41) 15.03.2023 | CARBURIZATION DEPTH DETECTION | Hubei Jianghui Marine Engineering |
| (51) G01N 1/08 | DEVICE AND DETECTION METHOD | Equipment Co., Ltd. |
| (21) 2031998 | THEREOF | (74) ir. M.B. Plaggenborg |
| (22) 26.05.2022 | (71) Xinzhong Li | (72) Lan Zhang |
| (54) PARENT SOIL COLLECTING | (74) ir. W.J.J.M. Kempes | Xiongbin Wu |
| INSTRUMENT CAPABLE OF | (72) Xinzhong Li | XianChang Yue |
| MAINTAINING ROOT SOIL | Haoran Huang | (51) G03F 7/20 |
| COMPOSITE STRUCTURE SYSTEM | Shumin Wang | H05G 2/00 |
| INTEGRITY | Xiao Liang | (21) 2032453 |
| (71) INSTITUTE OF WATER RESOURCES | Xinhua Li | (22) 12.07.2022 |
| FOR PASTORAL AREA, MINISTRY OF | Meilan Zeng | (54) EXTREME ULTRAVIOLET LIGHT |
| WATER RESOURCES | Yun Zhang | GENERATION APPARATUS |
| (74) ir. M.B. Plaggenborg | (31) 202111048453.8 | AND ELECTRONIC DEVICE |
| (72) Xin Zhang | (32) 08.09.2021 | MANUFACTURING METHOD |
| Zhenqi Yang | (33) China | (71) Gigaphoton Inc. |
| Ende Xing | (51) G01N 30/02 | (74) ir. H.Th. van den Heuvel c.s. |
| Jianying Guo | G16C 20/70 | (72) Koutaro Miyashita |
| Bing Xu | (21) 2031165 | (31) 2021-146012 |
| | (22) 04.03.2022 | (32) 08.09.2021 |

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| (33) Japan | FOR WHOLE VEHICLE VIBRATION | 02.09.2021 |
| (51) G06F 3/01 | SUPPRESSION | 15.12.2021 |
| (21) 2029031 | (71) CHONGQING JIAOTONG UNIVERSITY | 04.03.2022 |
| (22) 24.08.2021 | (74) ir. W.J.J.M. Kempes | (33) United States of America |
| (54) Nose-operated head-mounted device | (72) Zhaoxue Deng | United States of America |
| (71) Technische Universiteit Delft | Xinxin Wei | United States of America |
| Norwegian University of Science and Technology (NTNU) | Kejian Dong | United States of America |
| (74) ir. A.R. Aalbers | Qiang Cai | (51) G06Q 10/10 |
| (72) Evangelos Niforatos | Sunke Zhu | G06Q 20/38 |
| Michail Giannakos | (31) 202111017459.9 | G06Q 20/12 |
| Benjamin Fimreite | (32) 31.08.2021 | G06F 21/10 |
| (41) 13.03.2023 | (33) China | (21) 2031835 |
| (51) G06F 16/27 | (51) G06N 3/04 | (22) 11.05.2022 |
| G06F 21/60 | G06N 3/08 | (54) LICENSE MANAGEMENT FOR |
| H04L 9/30 | (21) 2032936 | SOFTWARE DEFINED SILICON |
| H04L 9/08 | (22) 01.09.2022 | (71) Intel Corporation |
| G06F 21/62 | (54) BRAIN TUMOR IMAGE REGION | (74) dr. A. Krebs |
| G06Q 50/06 | SEGMENTATION METHOD AND | (72) Mateusz Bronk |
| (21) 2031168 | DEVICE, NEURAL NETWORK AND | Vasuki Chilukuri |
| (22) 04.03.2022 | ELECTRONIC EQUIPMENT | Mark Baldwin |
| (54) COMPUTER-IMPLEMENTED | (71) Zhejiang University City College | Vasudevan Srinivasan |
| AGGREGATION METHOD FOR | (74) ir. M.B. Plaggenborg | Katalin Bartfai-Walcott |
| DATA PRIVACY PROTECTION | (72) Meimei Huo | Mariusz Oriol |
| UNDER SECONDARY NETWORK OF | Zhe He | Peggy Ireland |
| SMART GRID BASED ON ELGAMAL | Yufeng Lou | Mariusz Stepka |
| CRYPTOGRAPHIC ALGORITHM AND | Qingsheng Xu | Kaitlin Murphy |
| BLOCKCHAIN | Jianping Cai | Bharat Pillilli |
| (71) Zhejiang Gongshang University | Pengkun Gu | Arkadiusz Berent |
| Zhejiang Ponshine Information | (31) 202111038003 .0 | Fariaz Karim |
| Technology Co. Ltd. | (32) 06.09.2021 | (31) US 63/187,333 |
| (74) ir. W.J.J.M. Kempes | (33) China | PCT/US22/28632 |
| (72) Siqi Ren | (51) G06N 3/12 | (32) 11.05.2021 |
| Jianhong Lin | G06F 17/11 | 10.05.2022 |
| Song Han | (21) 2029068 | (33) United States of America |
| Shuhua Xu | (22) 27.08.2021 | United States of America |
| Shudan Jin | (54) State Analysis Method, Device and | (51) G16H 10/00 |
| Luyao Wang | Equipment | G06F 16/242 |
| Xuanxuan Xu | (71) Beijing Information Science and | G06F 21/62 |
| Xiaoli Chen | Technology University | G06F 16/25 |
| (51) G06F 16/38 | Institute of Applied Physics and | G06Q 10/10 |
| G06Q 50/00 | Computational Mathematics | (21) 2031311 |
| G06F 16/27 | (74) V. Mellet | (22) 16.03.2022 |
| (21) 2030770 | (72) Xiangui Li | (54) MANAGEMENT SYSTEM OF |
| (22) 28.01.2022 | Ping Zhang | APPLICATION FOR MEDICAL BIG |
| (54) DIGITAL CURRENCY TRADING | Zi Li | DATA USE |
| COMMUNITY RECOGNITION METHOD, | Xi Wang | (71) Central South University |
| SYSTEM AND DEVICE, AND STORAGE | (41) 15.03.2023 | (74) ir. M.B. Plaggenborg |
| MEDIUM | (51) G06N 20/00 | (72) Xianlai Chen |
| (71) University of Science and Technology | G01S 13/06 | Ying An |
| Beijing | (21) 2032942 | Yizhen Jia |
| (74) ir. M.B. Plaggenborg | (22) 02.09.2022 | (51) H02K 16/04 |
| (72) Ketai He | (54) SYSTEMS, APPARATUS, AND | H02K 41/03 |
| Jinshan Wang | METHODS FOR DATA DRIVEN | (21) 2029706 |
| Xi He | LOCATION DETECTION | (22) 11.11.2021 |
| Jing Xu | (71) Intel Corporation | (54) MODULARIZED DOUBLE-STATOR |
| (31) 202111043142.2 | (74) dr. A. Krebs | SWITCHED RELUCTANCE LINEAR |
| (32) 07.09.2021 | (72) Valerie Parker | MOTOR |
| (33) China | John Belstner | (71) CHONGQING JIAOTONG UNIVERSITY |
| (51) G06F 30/17 | Ned M. Smith | (74) ir. M.B. Plaggenborg |
| G06F 30/23 | Pranali Jhaveri | (72) Zhaoxue Deng |
| B60G 17/08 | Stephen Palermo | Sasa Zhang |
| (21) 2031692 | Georgia Sandoval | Xu Li |
| (22) 25.04.2022 | Masoud Sajadieh | (31) 202111017481.3 |
| (54) INTEGRATED OPTIMIZATION | (31) PCT/US2022/042340 | (32) 31.08.2021 |
| DESIGN METHOD OF | 63/240,266 | (33) China |
| MAGNETORHEOLOGICAL DAMPER | 63/290,040 | (51) H04L 45/00 |
| | 63/316,880 | H04L 67/10 |
| | (32) 01.09.2022 | (21) 2032986 |

- (22) 08.09.2022
(54) SYSTEMS, APPARATUS, AND METHODS TO IMPROVE WEBSERVERS USING DYNAMIC LOAD BALANCERS
(71) Intel Corporation
(74) dr. A. Krebs
(72) Stephen Palermo
Rahul Shah
Niall McDonnell
Mrittika Ganguli
Edwin Verplanke
Pushendra Kumar
Vrinda Khirwadkar
Valerie Parker
Amruta Misra
(31) US 63/241,900
PCT/US22/42791
(32) 08.09.2021
07.09.2022
(33) United States of America
United States of America
-
- (51) H04N 5/222
(21) 2032851
(22) 25.08.2022
(54) Apparatus for cultural or recreational activities
(71) Maurits S.r.l.
(74) mr. ir. J. van Breda c.s.
(72) Federico Giudiceandrea
(31) 102021000022904
(32) 03.09.2021
(33) Italy
-
- (51) H05B 1/02
H05B 3/10
H05B 3/20
(21) 2030891
(22) 10.02.2022
(54) THICK-MEMBRANE HYBRID INTEGRATED HEATING DEVICE FOR MICRO-ATOMIC GAS CHAMBER AND MANUFACTURING METHOD THEREOF
(71) North University of China
(74) ir. M.B. Plaggenborg
(72) Yanjun Zhang
(41) 10.03.2023
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NP2

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

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| (51) A01D 46/30 | Jie Wei | (11) 1044131 |
| (11) 1043784 | Bin Wang | (47) 15.03.2023 |
| (47) 14.03.2023 | (74) ir. M.B. Plaggenborg | (22) 25.08.2021 |
| (22) 09.09.2020 | (31) 202110752138.7 | (54) Composition for treating diabetes |
| (54) HARVEST ROBOT SYSTEM | (32) 30.06.2021 | based on traditional Chinese medicine |
| (73) Panasonic Intellectual Property | (33) China | nutritional therapy and application thereof |
| Management Co., Ltd. | (51) A23B 4/00 | (73) Dongbo Liu |
| (72) Ryou Toshima | A23B 4/037 | (72) Jian Li |
| Yoshio Kanata | A23L 11/45 | Ruiyu Wu |
| Toshiki Moriyama | A23L 13/20 | Dongbo Liu |
| (74) drs. O. Griebeling | A23L 13/40 | Xihu Lai |
| (31) 2019-167337 | A23L 13/50 | (74) drs. O. Griebeling |
| (32) 13.09.2019 | A23L 31/00 | (51) A63B 21/072 |
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| A01G 9/22 | A23L 13/60 | (22) 27.08.2021 |
| (11) 1044126 | A23L 5/10 | (54) BUMPER PLATE AND BARBELL |
| (47) 13.03.2023 | A22C 13/00 | COMPRISING AT LEAST TWO OF |
| (22) 24.08.2021 | (11) 2032099 | SUCH BUMPER PLATES |
| (54) A PLANAR TRUSS | (47) 14.03.2023 | (73) Tigelor |
| (73) Alcomij Beheer BV | (22) 08.06.2022 | (72) Miron Tigcheler |
| (72) Sven Peter van Heijningen | (54) ROAST SAUSAGE CRISP CHIP AND | (74) W.J. Slikker |
| Willem Nowé | PROCESSING METHOD THEREOF | (51) B25H 1/00 |
| (51) A01G 9/24 | (73) Anhui Science and Technology University | B25H 7/00 |
| (11) 2029049 | (72) Jingjun Li | B23B 49/00 |
| (47) 15.03.2023 | Haibo Zheng | (11) 2031241 |
| (22) 25.08.2021 | Guo Han | (47) 13.03.2023 |
| (54) Method and system for controlling the | Jialong Xu | (22) 10.03.2022 |
| cultivation of crops in a crop cultivation | Jiajun Xu | (54) CURSOR ARRANGEMENT |
| system | (74) ir. W.J.J.M. Kempes | (73) H. Vesala Oy |
| (73) Priva Holding B.V. | (31) 202110698004.1 | (72) Vesa-Matti Lamminen |
| (72) Theodorus Adrianus Rieswijk | (32) 23.06.2021 | (74) dr. R.C. van Duijvenbode c.s. |
| Johannes Wybe Westra | (33) China | (31) 12981 |
| (74) ir. H.A. Witmans c.s. | (51) A47K 5/09 | (32) 15.03.2021 |
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| (22) 25.08.2021 | (54) Soap and soap dispenser assembly with | (11) 2029073 |
| (54) Het betreft een hangmat(je) voor vogels. | such soap | (47) 15.03.2023 |
| (73) Jan Larooij | (73) Mmid Products B.V. | (22) 27.08.2021 |
| (72) Jan Larooij | (72) Jiaji Zhao | (54) Gripper, gripper station and method for |
| (51) A01M 7/00 | Oskar Bastiaan Soltesz | gripping an annular tire component |
| B64C 39/02 | (74) ir. H.A. Witmans c.s. | (73) VMI Holland B.V. |
| B64D 1/18 | (51) A61B 5/00 | (72) Timen Anton van Werven |
| B64C 27/08 | (11) 1044127 | Robin Nusselder |
| B64D 47/02 | (47) 15.03.2023 | Willem Marinus van Beek |
| B64D 47/08 | (22) 25.08.2021 | (74) ir. F.A. Geurts c.s. |
| (11) 2031215 | (54) Inrichting voor het onderzoeken van | (51) B29D 30/30 |
| (47) 14.03.2023 | bewegings- en/of evenwichtsgedragingen | (11) 2029062 |
| (22) 09.03.2022 | van een proefpersoon | (47) 15.03.2023 |
| (54) UNMANNED AERIAL VEHICLE FOR | (73) Hapticlink BV | (22) 26.08.2021 |
| MONITORING AND CONTROLLING | (72) BSc Marten Matthijs Albert Wim Stevens | (54) Strip applicator, strip-winding station and |
| DISEASES AND PESTS IN ORCHARD | MSc Marielonne Francisca Martens | method for applying a strip to a strip- |
| (73) Tarim University | Drs Marc Jacobus de Hullu | winding drum |
| (72) Jianjiang Ma | Dr Peter Martens | (73) VMI Holland B.V. |
| Yuan Jiang | (51) A61P 3/10 | (72) Gerardus Johannes Catharina van Laar |
| Yafei Wang | A61K 45/06 | Marcel Smits |
| Jiye Liang | A23L 33/21 | (74) ir. F.A. Geurts c.s. |
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| B62D 13/04 | (32) 12.08.2021 | (74) ir. H.A. Witmans c.s. |
| (11) 2031410 | (33) China | (31) 2021101084396 |
| (47) 14.03.2023 | (51) C12Q 1/6883 | (32) 27.01.2021 |
| (22) 25.03.2022 | (11) 2030976 | (33) China |
| (54) A hydraulic system, a vehicle and a method for operating a hydraulic system | (47) 14.03.2023 | (51) E01C 5/00 |
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| (72) Merlijn Jean Duynstée | (54) PRIMER PROBE SET AND KIT FOR RT-PCR DETECTION OF HUMAN LEUKOTRIENE RECEPTOR CYSLTR1 MRNA | (47) 15.03.2023 |
| Richard Johannes Wilhelmus de Zaaijer | (73) Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd. | (22) 27.08.2021 |
| (74) ir. M. van der Velden | (72) Zhoujie Wu | (54) Gasdoorlatende verharde weg, wegdekplaat en werkwijze voor het leggen ervan |
| (31) 2027955 | Lei Qian | (73) Biobound B.V. |
| (32) 13.04.2021 | Jiaofeng Wang | (72) Jacobus Gerhard Nicolaas Schotanus |
| (33) Netherlands | Wei Lei | (74) dr. T. Wittop Koning PhD |
| (51) B63H 21/17 | Shandong Wu | (51) E02B 3/14 |
| B63C 9/02 | Yi Liu | E02B 11/00 |
| (11) 2030197 | Xuehan Jiang | E03F 1/00 |
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| (73) Yantai University | (33) China | (54) Drainage block with improved stability |
| (72) Guitao Liu | (51) C12Q 1/6888 | (73) Hill Innovations B.V. |
| (74) dr. G. Visser-Luirink | (11) 2032311 | (72) Aroen Mughal |
| (31) CN202120060471.7 | (47) 14.03.2023 | (74) dr. R.C. van Duijvenbode c.s. |
| (32) 11.01.2021 | (22) 28.06.2022 | (51) E21B 43/267 |
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| (51) B65B 25/02 | (73) Northwest Institute of Plateau Biology, Chinese Academy of Sciences | C09K 8/66 |
| B65B 43/28 | (72) Jingjie Zhang | (11) 2021644 |
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| (22) 26.08.2021 | Feng Jiang | (73) Multi-Chem Group LLC |
| (54) A method for packaging a product like botanical items in a sleeve as well as a device for packaging a product like botanical items in a sleeve | Hongmei Gao | (72) Liang Xin Xu |
| (73) Gipmans Groep B.V. | Pengfei Song | Phipip Nguyen |
| (72) Richard Koch | Bo Xu | Kai He |
| Jos Gipmans | Luyi Hou | (74) dr. ir. F.M. van Bouwelen |
| (74) ir. C.G.C. Veldman-Dijkers | (74) ir. M.B. Plaggenborg | (31) PCT/US217/062217 |
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| (54) ANTI AGGLOMERANT HYDRATE INHIBITORS AND METHOD OF USE | H01L 21/677 | (11) 2030427 |
| (73) MULTI-CHEM GROUP, LLC | C23C 14/06 | (47) 14.03.2023 |
| (72) Qiang Lan | C23C 16/44 | (22) 04.01.2022 |
| Deepak S. Monteiro | H01L 31/18 | (54) COLUMNAR SEDIMENT SAMPLING SYSTEM WITH IN-SITU DATA ACQUISITION FUNCTION |
| (74) dr. ir. F.M. van Bouwelen | C23C 14/00 | (73) FIRST INSTITUTE OF OCEANOGRAPHY, MINISTRY OF NATURAL RESOURCES |
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| (11) 2032659 | (73) China Triumph International Engineering Co., Ltd. | Xiaochen Liu |
| (47) 13.03.2023 | CTF Solar GmbH | Zhangmin Yi |
| (22) 02.08.2022 | (72) Ganhua Fu | Baichuan Duan |
| (54) Method for detecting Cronobacter in infant formula milk powder | Marcel Mischke | Zheng Tang |
| (73) HEFEI UNIVERSITY OF TECHNOLOGY | Liyun Ma | Tiegang Li |
| (72) Yang Wang | Xinjian Yin | Linmiao Wang |
| Na Ling | Jingong Pan | (74) ir. M.B. Plaggenborg |
| Xiuting Jiang | | (31) 202110045758.7 |
| Yingwang Ye | | (32) 14.01.2021 |
| Jingjing Dong | | |
| (74) dr. T. Wittop Koning PhD | | |

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| F03D 13/25 | (54) A FAST INDUSTRIAL CT SCANNING SYSTEM AND METHOD | (47) 14.03.2023 |
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| (47) 13.03.2023 | (72) Jipeng Wang | (54) METHOD FOR ESTIMATING RESTORATION POTENTIAL OF NATURAL GRASSLAND BASED ON REMOTE SENSING DATA |
| (22) 24.08.2021 | Xuguang Gao | (73) Lanzhou University |
| (54) Methode en Inrichting voor het vervoeren van energie vanaf in zee geïnstalleerde windturbines | Jiyuan Luan | (72) Tiangang Liang |
| (73) Presign BV | Taiheng Liu | Qisheng Feng |
| (72) Reinout Klaar Norfolc Jaap Prins | Junfeng Sha | Xinhua Gao |
| (51) F16H 33/18 | Meng Qi | (74) ir. M.B. Plaggenborg |
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| (54) A system for torque modulation and a method thereof | (22) 25.08.2021 | (22) 16.12.2021 |
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| (72) Wilhelmus Jacobus Klever | (73) GL Sciences B.V. | (73) Northwest A&F University |
| (74) mr. ir. J. van Breda c.s. | (72) Nikolay Gribov | Dalian University of Technology |
| (51) F24D 13/02 | (74) ir. H.A. Witmans c.s. | BEIJING JD SHANGKE INFORMATION TECHNOLOGY CO.LTD. |
| E04F 15/18 | (51) G06F 3/01 | (72) Junhu Ruan |
| (11) 2031520 | (11) 2029031 | Na Lin |
| (47) 14.03.2023 | (47) 13.03.2023 | Xuping Wang |
| (22) 06.04.2022 | (22) 24.08.2021 | Xiangpei Hu |
| (54) NOVEL FLOOR ELECTRIC HEATING WATERPROOF MEMBRANE | (54) Nose-operated head-mounted device | Ya Li |
| (73) Shandong Blossam New Material Co., Ltd. | (73) Technische Universiteit Delft | Tianjun Liu |
| (72) Yongjiu Chen | Norwegian University of Science and Technology (NTNU) | Zhiwei Qiao |
| (74) ir. M.B. Plaggenborg | (72) Evangelos Niforatos | Hua Wang |
| (31) 202120775642.4 | Michail Giannakos | (74) ir. M.B. Plaggenborg |
| (32) 16.04.2021 | Benjamin Fimreite | (31) 202011494914.X |
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| (54) VIBRATION ABNORMALITY DETECTION AND ALARM DEVICE OF GEAR PUMP | (54) System and method for external monitoring a cyberattack surface | (11) 2029891 |
| (73) Jilin Jianzhu University | (73) Trust, Ltd | (47) 14.03.2023 |
| (72) Wei Tian | (72) Timothy John Oscar Bobak | (22) 24.11.2021 |
| Guomin Liu | Dmitry Aleksandrovich Volkov | (54) METHOD FOR OPTIMIZING EMERGENCY REGULATION SCHEME OF COORDINATED INTER-REGIONAL PREVENTION AND CONTROL OF AIR POLLUTION |
| Xin Jiang | (74) ir. A.R. Aalbers | (73) Tianjin University |
| Zhongsong Zhang | (31) RU2021115690 | (72) Ning Jia |
| Chunyan Chi | (32) 01.06.2021 | Yang Jiao |
| (74) dr. T. Wittop Koning PhD | (33) Russian Federation | Minqiang Li |
| (31) 202110708605.6 | (51) G06N 3/12 | Fuzan Chen |
| (32) 25.06.2021 | G06F 17/11 | Jin Tian |
| (33) China | (11) 2029068 | Huibin Du |
| (51) G01H 9/00 | (47) 15.03.2023 | Lulu Li |
| (11) 2029038 | (22) 27.08.2021 | (74) V. Mellet |
| (47) 15.03.2023 | (54) State Analysis Method, Device and Equipment | (31) 202110707652.9 |
| (22) 25.08.2021 | (73) Beijing Information Science and Technology University | (32) 24.06.2021 |
| (54) Optical sensor element | Institute of Applied Physics and Computational Mathematics | (33) China |
| (73) Technische Universiteit Delft | (72) Xianggui Li | (51) G06Q 50/00 |
| (72) Peter Gerard Steeneken | Ping Zhang | H04L 9/40 |
| Wouter Jan Westerveld | Zi Li | |
| Stephen James Picken | Xi Wang | |
| (74) dr. A. Ellens c.s. | (74) V. Mellet | |
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| (47) 14.03.2023 | | (74) ir. M.B. Plaggenborg |
| (22) 23.02.2022 | | <hr/> |
| (54) System and method for detecting reputation attacks | (73) UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA | (51) H05K 7/14 |
| (73) Trust, Ltd | (72) Tian Lan | (11) 2029519 |
| (72) Igor Nezhdanov | Qiao Liu | (47) 14.03.2023 |
| (74) ir. A.R. Aalbers | Zufeng Wu | (22) 26.10.2021 |
| (31) 2021125359 | Yuxin Qian | (54) A rail-type 8-channel LED strip dimming module |
| (32) 27.08.2021 | Yilan Lv | (73) Liaoning UrHealthCare 2Go Tech Co., Ltd. |
| (33) Russian Federation | Jiajia Li | (72) Shuquan Li |
| <hr/> | Jujia Feng | (74) dr. R.C. van Duijvenbode c.s. |
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| (73) Yantai Yuhuangding Hospital | <hr/> | |
| (72) Ning Mao | (51) H01Q 5/25 | |
| Haicheng Zhang | H01Q 1/38 | |
| Jingjing Li | H01Q 1/52 | |
| Cai Wang | H01Q 9/42 | |
| Wenbin Zhang | (11) 2029498 | |
| Xicheng Song | (47) 14.03.2023 | |
| Xinxin Wu | (22) 22.10.2021 | |
| (74) dr. ir. G.J.C. Verdijck c.s. | (54) TWO-ELEMENT BROADBAND ANTENNA DEVICE | |
| (31) 202110812511.3 | (73) ANHUI UNIVERSITY | |
| (32) 19.07.2021 | (72) Xingang Ren | |
| (33) China | Yong Cai | |
| <hr/> | Lixia Yang | |
| (51) G06V 10/82 | Zhixiang Huang | |
| G06V 20/52 | Kaikun Niu | |
| (11) 2029214 | Ming Fang | |
| (47) 14.03.2023 | Guangshang Cheng | |
| (22) 21.09.2021 | Hao Ren | |
| (54) TARGET RE-IDENTIFICATION METHOD AND SYSTEM BASED ON NON-SUPERVISED PYRAMID SIMILARITY LEARNING | Jie Wu | |
| (73) DEZHOU UNIVERSITY | (74) ir. M.B. Plaggenborg | |
| (72) Wenhui Dong | (31) 202011243907.2 | |
| Junye Zhang | (32) 10.11.2020 | |
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| Hanping Liu | <hr/> | |
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| Huijie Chen | H02K 5/22 | |
| Ying Gao | (11) 2029647 | |
| (74) dr. J. van Straaten | (47) 14.03.2023 | |
| (31) 202011003036.7 | (22) 05.11.2021 | |
| (32) 22.09.2020 | (54) INTEGRATED SERVO MOTOR | |
| (33) China | (73) CHINA LEADSHINE TECHNOLOGY CO.,LTD. | |
| <hr/> | (72) Yong Zhu | |
| (51) G09B 21/00 | Jun Sun | |
| G10L 15/26 | (74) ir. F.A. Geurts c.s. | |
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| (54) Slimme Converter van Spraakberichten naar Gebarentaal (SCSG) | <hr/> | |
| (73) Innovation Plus | (51) H05B 1/02 | |
| (72) Ali Vazinzadeh | H05B 3/10 | |
| Farhad Hajivandi | H05B 3/20 | |
| Alireza Ebrahimi Moghaddam | (11) 2030891 | |
| <hr/> | (47) 10.03.2023 | |
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| (11) 2029780 | (54) THICK-MEMBRANE HYBRID INTEGRATED HEATING DEVICE FOR MICRO-ATOMIC GAS CHAMBER AND MANUFACTURING METHOD THEREOF | |
| (47) 14.03.2023 | (73) North University of China | |
| (22) 17.11.2021 | | |

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
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

Voor Nederland verleende Europese octrooien.

Contains data concerning European patents granted for The Netherlands.

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| (72) DAUMAS, Franck CHAGNARD, Jeremy MASSOPTIER-DAVID, Michaël GUERY, Bertrand | (72) SCHAUTZGY, Achim SCHAUTZGY, Maximilian | (51) B32B 27/38 B60C 1/00 C08L 9/06 B32B 25/04 |
| (31) 1860632 (32) 16.11.2018 (33) France | (51) B30B 15/16 G01C 5/00 B21D 24/02 B21D 24/14 B30B 15/28 G01C 9/00 B30B 15/26 B30B 15/00 (11) EP3042756 (21) EP15197012.6 (47) 15.03.2023 (22) 30.11.2015 (54) APPARATUS AND METHOD FOR CHECKING INCLINATION OF CUSHION PAD (73) Aida Engineering, Ltd. (72) KONDO, Tadaihiro MAKABE, Junji (31) 2014264313 | |
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| B32B 25/14 | G05B 19/4099 | (47) 15.03.2023 |
| (11) EP3996918 | (11) EP3230809 | (87) EP2020052580 |
| (21) EP19749814.0 | (21) EP15720931.3 | 13.08.2020 |
| (47) 15.03.2023 | (47) 15.03.2023 | (22) 03.02.2020 |
| (87) JP2019027175 | (87) EP2015058915 | (54) INTAGLIO PRINTING UNIT FOR |
| 14.01.2021 | 27.10.2016 | PRINTING SUBSTRATE USING AN |
| (22) 09.07.2019 | (22) 24.04.2015 | INTAGLIO PRINTING METHOD |
| (54) A LAMINATE | (54) METHOD FOR GENERATING THREE | (73) Koenig & Bauer AG |
| (73) COMPAGNIE GENERALE DES | DIMENSIONAL OBJECT MODELS | (72) SCHAEDE, Johannes |
| ETABLISSEMENTS MICHELIN | FOR AN ADDITIVE MANUFACTURING | SOKOL, Ralf |
| (72) SAKURADA, Tomoya | PROCESS | WÜRSCH, Alain |
| (51) B32B 37/24 | (73) Hewlett-Packard Development Company, | DIMITRIJEVIC, Ana |
| B32B 37/14 | L.P. | CHASSOT, Daniel |
| B32B 5/24 | (72) MOROVIC, Jan | (31) 102019118435 |
| B29C 35/02 | MOROVIC, Peter | 102019111806 |
| B29C 35/08 | WHITE, Scott | 102019107735 |
| B33Y 10/00 | GARCIA REYERO VINAS, Juan Manuel | 102019105067 |
| B32B 3/08 | (51) B41F 9/02 | 102019104592 |
| B32B 3/10 | B41F 9/06 | 102019104593 |
| B32B 15/08 | B41F 9/10 | 102019104591 |
| B32B 27/08 | (11) EP3921161 | 102019103788 |
| B32B 27/30 | (21) EP20703435.6 | 102019102855 |
| B32B 27/32 | (47) 15.03.2023 | (32) 08.07.2019 |
| B32B 27/36 | (87) EP2020052579 | 07.05.2019 |
| B33Y 80/00 | 13.08.2020 | 26.03.2019 |
| B29C 64/135 | (22) 03.02.2020 | 28.02.2019 |
| B29C 64/268 | (54) GRAVURE PRINTING UNITS FOR | 22.02.2019 |
| B33Y 30/00 | PRINTING SUBSTRATES USING A | 22.02.2019 |
| (11) EP3300884 | GRAVURE PRINTING METHOD | 22.02.2019 |
| (21) EP17177928.3 | (73) Koenig & Bauer AG | 14.02.2019 |
| (47) 15.03.2023 | (72) JUFER, Alain | 05.02.2019 |
| (22) 26.06.2017 | SCHAEDE, Johannes | (33) Germany |
| (54) SYSTEM FOR MAKING A MICRO- | SCHWITZKY, Volkmar | Germany |
| TRUSS STRUCTURE | SOKOL, Ralf | Germany |
| (73) The Boeing Company | WÜRSCH, Alain | Germany |
| (72) YANG, Sophia | CHASSOT, Daniel | Germany |
| CAWTHORNE, Matthew H. | (31) 102019118435 | Germany |
| BROUWERS, Edward W. | 102019111806 | Germany |
| HUNDLEY, Michael Jacob | 102019107735 | Germany |
| ECKEL, Zak Charles | 102019105067 | Germany |
| BIESBOER, Scott | 102019104591 | (51) B41F 9/06 |
| CANTE, Kenneth | 102019103788 | B41F 9/02 |
| (31) 201615282204 | 102019102856 | B41F 31/00 |
| (32) 30.09.2016 | 102019102855 | B41F 31/34 |
| (33) United States of America | (32) 08.07.2019 | (11) EP3921163 |
| (51) B33Y 10/00 | 07.05.2019 | (21) EP20703438.0 |
| B22F 3/105 | 26.03.2019 | (47) 15.03.2023 |
| B33Y 30/00 | 28.02.2019 | (87) EP2020052582 |
| B33Y 40/00 | 22.02.2019 | 13.08.2020 |
| B29C 64/153 | 14.02.2019 | (22) 03.02.2020 |
| B29C 64/35 | 05.02.2019 | (54) GRAVURE PRINTING UNITS AND |
| B29C 64/30 | 05.02.2019 | METHODS FOR ADJUSTING AND/ |
| B29C 64/245 | (33) Germany | OR MODIFYING INK TRANSFER IN A |
| B29C 64/25 | Germany | GRAVURE PRINTING METHOD |
| B22F 10/28 | Germany | (73) Koenig & Bauer AG |
| B22F 12/53 | Germany | (72) CHASSOT, Daniel |
| B33Y 40/20 | Germany | SOKOL, Ralf |
| (11) EP3495142 | Germany | (31) 102019118435 |
| (21) EP17205989.1 | Germany | 102019111804 |
| (47) 15.03.2023 | Germany | 102019111806 |
| (22) 07.12.2017 | (51) B41F 9/02 | 102019107735 |
| (54) SYSTEM FOR ADDITIVELY | B41F 9/06 | 102019105067 |
| MANUFACTURING OF THREE- | B41F 27/10 | 102019104591 |
| DIMENSIONAL OBJECTS | B41F 31/00 | 102019103788 |
| (73) CL Schutzrechtsverwaltungs GmbH | B41F 31/26 | 102019102855 |
| (72) Hofmann, Alexander | B41N 7/06 | (32) 08.07.2019 |
| Winiarski, Daniel | (11) EP3921162 | 07.05.2019 |

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| 07.05.2019 | (54) FLUIDIC DIES | (72) SONNAUER, Andreas |
| 26.03.2019 | (73) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. | PEUTL, August |
| 28.02.2019 | | (31) 102016226166 |
| 22.02.2019 | (72) LUM, Jacob | (32) 23.12.2016 |
| 14.02.2019 | SELLS, Jeremy | (33) Germany |
| 05.02.2019 | CHOY, Si-lam | (51) B41J 11/00 |
| (33) Germany | (51) B41J 2/165 | B41M 7/00 |
| Germany | B41J 11/00 | (11) EP3711962 |
| Germany | B41J 29/393 | (21) EP19164759.3 |
| Germany | (11) EP3815908 | (47) 15.03.2023 |
| Germany | (21) EP20204381.6 | (22) 22.03.2019 |
| Germany | (47) 15.03.2023 | (54) RADIATION SOURCES FOR COLORANTS |
| Germany | (22) 28.10.2020 | (73) HP Scitex Ltd |
| Germany | (54) LIQUID EJECTING SYSTEM AND MAINTENANCE METHOD FOR LIQUID EJECTING SYSTEM | (72) VEIS, Alex |
| (51) B41F 17/26 | (73) Seiko Epson Corporation | ASKELAND, Ronald Albert |
| B41F 9/00 | (72) HIRAMOTO, Goki | (51) B41J 29/13 |
| B41M 1/10 | MARUYAMA, Saeko | B41J 2/175 |
| B41N 1/12 | (31) 2019197252 | (11) EP3785919 |
| B41N 1/22 | (32) 30.10.2019 | (21) EP20193043.5 |
| (11) EP3928986 | (33) Japan | (47) 15.03.2023 |
| (21) EP20182268.1 | (51) B41J 2/21 | (22) 27.08.2020 |
| (47) 15.03.2023 | G06K 15/02 | (54) PRINTING APPARATUS AND PRINTING SYSTEM |
| (22) 25.06.2020 | (11) EP3670197 | (73) Seiko Epson Corporation |
| (54) DEVICE FOR GENERATING A PRINT ON A PRINTING MATERIAL AND METHOD FOR PRODUCING A PLURALITY OF CAVITIES ON A PRINTING FORM WITH PIEZO ACTUATORS | (21) EP19216957.1 | (72) HIZAWA, Shunichi |
| (73) Flooring Technologies Ltd. | (47) 15.03.2023 | HIRAI, Yasuaki |
| (72) DICKE, Sebastian | (22) 17.12.2019 | OGUCHI, Ryo |
| (51) B41J 2/14 | (54) IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD AND STORAGE MEDIUM | (31) 2019156431 |
| (11) EP3858622 | (73) CANON KABUSHIKI KAISHA | (32) 29.08.2019 |
| (21) EP21154184.2 | (72) OCHIAI, Takashi | (33) Japan |
| (47) 15.03.2023 | ISHIKAWA, Hisashi | (51) B41N 3/08 |
| (22) 29.01.2021 | (31) 2018239649 | B41M 1/06 |
| (54) LIQUID EJECTING HEAD AND LIQUID EJECTING APPARATUS | (32) 21.12.2018 | C09D 11/101 |
| (73) Seiko Epson Corporation | (33) Japan | B41F 35/02 |
| (72) NAGANUMA, Yoichi | (51) B41J 2/325 | B41F 35/06 |
| FUKUZAWA, Yuma | B41J 2/005 | (11) EP3466704 |
| TAMAI, Shotaro | (11) EP3835070 | (21) EP17802696.9 |
| (31) 2020013350 | (21) EP20212785.8 | (47) 15.03.2023 |
| (32) 30.01.2020 | (47) 15.03.2023 | (87) JP2017018830 |
| (33) Japan | (22) 09.12.2020 | 30.11.2017 |
| (51) B41J 2/14 | (54) THERMAL TRANSFER PRINTERS FOR DEPOSITION OF THIN INK LAYERS INCLUDING A CARRIER BELT AND RIGID BLADE | (22) 19.05.2017 |
| B41J 2/055 | (73) Dover Europe Sàrl | (54) METHOD FOR PRODUCING PRINTED MATTER |
| (11) EP3789203 | (72) Cheever, James M. | (73) Toray Industries, Inc. |
| (21) EP20192051.9 | Sarcevic, Aljosa | (72) TSUJI, Yuichi |
| (47) 15.03.2023 | Goodale, Stacey C. | INOUE, Takejiro |
| (22) 21.08.2020 | (31) 201916709759 | (31) 2016105993 |
| (54) LIQUID DISCHARGE HEAD AND LIQUID DISCHARGE RECORDING APPARATUS | (32) 10.12.2019 | (32) 27.05.2016 |
| (73) Toshiba TEC Kabushiki Kaisha | (33) United States of America | (33) Japan |
| (72) XU, Li | (51) B41J 3/407 | (51) B42D 25/324 |
| KUSUNOKI, Ryutaro | B41J 2/175 | B42D 25/351 |
| (31) 2019163933 | (11) EP3558685 | B42D 25/36 |
| (32) 09.09.2019 | (21) EP17794281.0 | B42D 25/378 |
| (33) Japan | (47) 15.03.2023 | B42D 25/387 |
| (51) B41J 2/14 | (87) EP2017077090 | B42D 25/45 |
| B41J 2/175 | 28.06.2018 | G06K 19/07 |
| (11) EP3697616 | (22) 24.10.2017 | B42D 25/46 |
| (21) EP17929268.5 | (54) METHOD AND DIRECT-PRINTING MACHINE FOR PRINTING CONTAINERS OF DIFFERENT MATERIAL TYPES IN A DIRECT-PRINTING PROCESS | B42D 25/382 |
| (47) 15.03.2023 | (73) Kronos AG | B42D 25/41 |
| (87) US2017057394 | | B42D 25/455 |
| 25.04.2019 | | B42D 25/328 |
| (22) 19.10.2017 | | B42D 25/305 |
| | | (11) EP3615347 |
| | | (21) EP18718796.8 |
| | | (47) 15.03.2023 |
| | | (87) EP2018059814 |
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| (22) 18.04.2018 | (31) 201662421335 P | (54) CASTER FOR APPARATUSES, FURNITURE AND IN PARTICULAR MEDICAL DEVICES |
| (54) SECURITY INLAY FOR AN IDENTITY DOCUMENT AND METHOD FOR PRODUCING A SECURITY INLAY FOR AN IDENTITY DOCUMENT | (32) 13.11.2016 | (73) Steinceo Paul vom Stein GmbH |
| (73) Muehlbauer GmbH & Co. KG | (33) United States of America | (72) Weichbrodt, Tobias Delan, Thorsten |
| (72) EDERER, Martin | (51) B44B 5/00 | (31) 1020201117833 |
| HOECHERL, Franz | B44B 5/02 | (32) 07.07.2020 |
| BRUNNER, Anton | B31F 1/07 | (33) Germany |
| BRANDL, Franz | B26D 7/26 | (51) B60C 1/00 |
| WANJEK, Michael | B26F 1/44 | C08K 3/36 |
| MICHL, Thomas | (11) EP3508351 | C08L 15/00 |
| (31) 201810226236 | (21) EP17845286.8 | (11) EP3727877 |
| 102017004039 | (47) 15.03.2023 | (21) EP18833466.8 |
| (32) 19.03.2018 | (87) CN2017098486 | (47) 15.03.2023 |
| 26.04.2017 | 08.03.2018 | (87) FR2018053177 |
| (33) China | (22) 22.08.2017 | 27.06.2019 |
| Germany | (54) MANUALLY-OPERATED PATTERN CUTTER | (22) 11.12.2018 |
| (51) B42D 25/382 | (73) Parric Ningbo Stationery And Gifts MFG. Co., Ltd. | (54) DIACID-CROSSLINKED RUBBER COMPOSITION COMPRISING A PHENOLIC COMPOUND |
| B42D 25/41 | (72) Li, Fuping | (73) COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN |
| B42D 25/455 | (31) 201610795979 | (72) THUILLIEZ, Anne-Lise GAVARD-LONCHAY, Odile |
| B42D 25/46 | (32) 31.08.2016 | (31) 1762730 |
| B42D 25/328 | (33) China | (32) 21.12.2017 |
| G06K 19/00 | (51) B44B 5/02 | (33) France |
| B42D 25/305 | B44B 5/00 | (51) B60C 5/00 |
| B42D 25/324 | (11) EP3349992 | B60C 19/00 |
| B42D 25/36 | (21) EP16762759.5 | (11) EP3711975 |
| B42D 25/378 | (47) 15.03.2023 | (21) EP18875621.7 |
| B42D 25/387 | (87) EP2016070527 | (47) 15.03.2023 |
| B42D 25/45 | 23.03.2017 | (87) JP2018035749 |
| G06K 19/07 | (22) 31.08.2016 | 16.05.2019 |
| B42D 25/351 | (54) TRANSPORT DEVICE FOR TRANSPORTING COIN BLANKS AND METHOD FOR PRODUCING A COIN | (22) 26.09.2018 |
| (11) EP3760451 | (73) Schuler Pressen GmbH | (54) TIRE |
| (21) EP20193543.4 | (72) BRECHLING, Carsten | (73) Bridgestone Corporation |
| (47) 15.03.2023 | HOYLER, Wolfgang | (72) WATANABE, Jun SUKEGAWA, Shin |
| (22) 18.04.2018 | KNEER, Simon | (31) 2017218605 |
| (54) SECURITY INSERT FOR AN IDENTIFICATION DOCUMENT AND METHOD FOR MANUFACTURING A SECURITY INSERT FOR AN IDENTIFICATION DOCUMENT | JÄSCHKE, Horst | (32) 13.11.2017 |
| (73) Mühlbauer GmbH & Co. KG | (31) 102015115647 | (33) Japan |
| (72) Ederer, Martin | (32) 16.09.2015 | (51) B60C 5/00 |
| Höcherl, Franz | (33) Germany | B60C 19/00 |
| Brunner, Anton | (51) B60B 21/00 | (11) EP3711976 |
| Brandl, Franz | (11) EP3774382 | (21) EP18876280.1 |
| Wanjek, Michael | (21) EP19718824.6 | (47) 15.03.2023 |
| Michl, Thomas | (47) 15.03.2023 | (87) JP2018035751 |
| (31) 201810226236 | (87) GB2019051041 | 16.05.2019 |
| 102017004039 | 17.10.2019 | (22) 26.09.2018 |
| (32) 19.03.2018 | (22) 10.04.2019 | (54) TIRE |
| 26.04.2017 | (54) A RIM, RIM COMPONENT AND RIM ASSEMBLY FOR A BICYCLE WHEEL AND METHODS OF MANUFACTURE THEREOF | (73) Bridgestone Corporation |
| (33) China | (73) Its Cycling Limited | (72) WATANABE, Jun SUKEGAWA, Shin |
| Germany | (72) MARCHMENT, Tom | (31) 2017218604 |
| (51) B43K 8/02 | MARCHMENT, Peter | (32) 13.11.2017 |
| C09D 11/17 | GRAPPONE, Maria Luisa | (33) Japan |
| D21H 27/28 | (31) 201821075 | (51) B60C 7/00 |
| (11) EP3538379 | 201805993 | B60B 9/04 |
| (21) EP17870191.8 | (32) 21.12.2018 | B60C 7/18 |
| (47) 15.03.2023 | 11.04.2018 | (11) EP3623174 |
| (87) US2017061359 | (33) United Kingdom | (21) EP18797837.4 |
| 17.05.2018 | United Kingdom | (47) 15.03.2023 |
| (22) 13.11.2017 | (51) B60B 33/02 | (87) JP2018010229 |
| (54) MOISTURE-ERASABLE NOTE TAKING SYSTEM | B60B 33/00 | 15.11.2018 |
| (73) Rocket Innovations, Inc. | (11) EP3936346 | (22) 15.03.2018 |
| (72) LEMAY, Joseph | (21) EP21180645.0 | (54) NON-PNEUMATIC TIRE |
| EPSTEIN, Jacob | (47) 15.03.2023 | |
| | (22) 21.06.2021 | |

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| (73) Bridgestone Corporation | B60C 9/08 | (51) B60C 11/01 |
| (72) NISHIDA Masashi | B60C 15/05 | B60C 11/03 |
| (31) 2017094665 | B60C 15/06 | (11) EP3842261 |
| (32) 11.05.2017 | (11) EP3900954 | (21) EP20216840.7 |
| (33) Japan | (21) EP21162521.5 | (47) 15.03.2023 |
| (51) B60C 7/14 | (47) 15.03.2023 | (22) 23.12.2020 |
| B60C 7/18 | (22) 15.03.2021 | (54) PNEUMATIC TIRE |
| B60C 19/08 | (54) PNEUMATIC TYRE | (73) Sumitomo Rubber Industries, Ltd. |
| (11) EP3798021 | (73) Sumitomo Rubber Industries, Ltd. | (72) MAEDA, Yohei |
| (21) EP20198104.0 | (72) YAMAMOTO, Tetsuya | (31) 2019234860 |
| (47) 15.03.2023 | (31) 2020075600 | (32) 25.12.2019 |
| (22) 24.09.2020 | (32) 21.04.2020 | (33) Japan |
| (54) NON-PNEUMATIC TIRE INCLUDING FIBER PLATED USING METAL SALT | (33) Japan | (51) B60C 11/03 |
| (73) HANKOOK TIRE & TECHNOLOGY CO., LTD | (51) B60C 9/18 | (11) EP3698983 |
| (72) KIM, Sung Tae | B60C 9/22 | (21) EP18867986.4 |
| CHOI, Seok Ju | B60C 9/28 | (47) 15.03.2023 |
| LEE, Ji Wan | B60C 11/00 | (87) JP2018033253 |
| KIM, Jeong Heon | B60C 11/01 | 25.04.2019 |
| (31) 20190117393 | B60C 9/20 | (22) 07.09.2018 |
| (32) 24.09.2019 | (11) EP3787908 | (54) TIRE |
| (33) Korea (Republic) | (21) EP19728487.0 | (73) Bridgestone Corporation |
| (51) B60C 9/00 | (47) 15.03.2023 | (72) WATANABE, Atsushi |
| B60C 9/18 | (87) FR2019051014 | TAKEI, Ataka |
| B60C 9/20 | 07.11.2019 | NAGAMOTO, Shoko |
| D02G 3/16 | (22) 02.05.2019 | (31) 2017200582 |
| D02G 3/28 | (54) TYRE HAVING IMPROVED | (32) 16.10.2017 |
| D02G 3/36 | PROPERTIES OF WEAR AND ROLLING | (33) Japan |
| D02G 3/48 | RESISTANCE | (51) B60C 11/12 |
| D07B 1/02 | (73) COMPAGNIE GENERALE DES | B60C 11/03 |
| (11) EP3725543 | ETABLISSEMENTS MICHELIN | B60C 11/13 |
| (21) EP18889325.9 | (72) GAYTON, Christophe | (11) EP3611038 |
| (47) 15.03.2023 | THOMASSON, Damien | (21) EP18784322.2 |
| (87) JP2018040603 | REHAB, Hichem | (47) 15.03.2023 |
| 20.06.2019 | (31) 1853854 | (87) JP2018010759 |
| (22) 31.10.2018 | (32) 04.05.2018 | 18.10.2018 |
| (54) TIRE REINFORCING MEMBER, AND TIRE EMPLOYING SAME | (33) France | (22) 19.03.2018 |
| (73) Bridgestone Corporation | (51) B60C 11/00 | (54) HEAVY DUTY PNEUMATIC RADIAL TIRE |
| (72) SASAKI, Yosuke | B60C 11/03 | (73) Bridgestone Corporation |
| (31) 2017240026 | (11) EP3695984 | (72) OKAZAKI Naoto |
| (32) 14.12.2017 | (21) EP18866484.1 | (31) 2017077530 |
| (33) Japan | (47) 15.03.2023 | (32) 10.04.2017 |
| (51) B60C 9/02 | (87) JP2018032215 | (33) Japan |
| B60C 9/00 | 18.04.2019 | (51) B60C 11/24 |
| D02G 3/48 | (22) 30.08.2018 | B60C 23/02 |
| D02G 3/28 | (54) MOTORCYCLE TIRE | (11) EP3539800 |
| (11) EP3521058 | (73) Bridgestone Corporation | (21) EP19171692.7 |
| (21) EP17856846.5 | (72) NAKAMURA, Takamitsu | (47) 15.03.2023 |
| (47) 15.03.2023 | TOKITOH, Yasufumi | (22) 03.04.2015 |
| (87) KR2017011026 | SHIMAMURA, Naoki | (54) PALM-SIZE TIRE TREAD LASER MEASUREMENT DEVICE |
| 05.04.2018 | (31) 2017197973 | (73) Tire Profiles LLC |
| (22) 29.09.2017 | (32) 11.10.2017 | (72) BOYLE, David |
| (54) HYBRID TIRE CORD AND METHOD FOR MANUFACTURING SAME | (33) Japan | TRACY, Roger H. |
| (73) Kolon Industries, Inc. | (51) B60C 11/00 | (31) 201462022714 P |
| (72) LEE, Min Ho | B60C 11/03 | 201461974643 P |
| JEON, Ok Wha | (11) EP3695985 | (32) 10.07.2014 |
| YIM, Jong Ha | (21) EP18866784.4 | 03.04.2014 |
| KIM, Da Ae | (47) 15.03.2023 | (33) United States of America |
| (31) 20160183260 | (87) JP2018032214 | United States of America |
| 20160125412 | 18.04.2019 | (51) B60C 13/02 |
| (32) 30.12.2016 | (22) 30.08.2018 | B60C 9/02 |
| 29.09.2016 | (54) MOTORCYCLE TIRE | B60C 15/00 |
| (33) Korea (Republic) | (73) Bridgestone Corporation | (11) EP3838630 |
| Korea (Republic) | (72) NAKAMURA, Takamitsu | (21) EP20208916.5 |
| (51) B60C 9/02 | TOKITOH, Yasufumi | (47) 15.03.2023 |
| | SHIMAMURA, Naoki | (22) 20.11.2020 |
| | (31) 2017197974 | (54) PNEUMATIC TIRE |
| | (32) 11.10.2017 | |
| | (33) Japan | |

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| Taube, Klaus | aux Energies Alternatives | Limited |
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(74) ir. H.A. Witmans c.s.

(72) Schrobsdorff, Simon

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A61K 9/20

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| (51) H01R 13/11 | (11) EP2838355 | (11) EP3286913 |
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(51) A01G 9/14
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| (11) EP3974908 | |
| (00) 09.11.2022 | |
| (00) EPV Ceased Effect | |
| (11) EP3981919 | |
| (00) 09.11.2022 | |

VRB

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

- (11) EP3455064
 - (00) 28.09.2020
 - (00) Proceedings Interruption: Legal
prevention (Rule 142(1)(b))
 - (51) B32B 3/18
 - B32B 3/20
 - B32B 21/04
-

CO**Ingeschreven overdrachten.****Contains data concerning registered assignments or change of owners.**

| | | |
|---|---|--|
| (71) BAUSCH HEALTH POLAND SPÓLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA | G01N 35/00 (00) Change of Legal Entity | A61B 6/03 A61B 6/06 G21K 1/04 H04N 5/32 |
| (73) BAUSCH + LOMB IRELAND LIMITED (11) EP1817065 (00) 01.03.2023 (51) A61K 9/00 A61K 47/36 A61L 24/04 A61L 24/08 A61L 31/04 | (71) Eppendorf SE (73) Eppendorf SE (11) EP2279791 (00) 27.02.2023 (51) B01L 3/02 (00) Change of Legal Entity | (00) Assignment |
| (00) Change of Legal Entity | (71) Eppendorf SE (73) Eppendorf SE (11) EP2251407 (00) 27.02.2023 | (71) Eppendorf SE (73) Eppendorf SE (11) EP3290841 (00) 27.02.2023 (51) F25D 29/00 (00) Change of Legal Entity |
| (71) BAUSCH HEALTH POLAND SPÓLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA | (51) B65D 43/02 C12M 1/06 C12M 1/24 (00) Change of Legal Entity | (71) RENK GmbH (73) RENK GmbH (11) EP3310609 (00) 23.02.2023 (51) B60L 1/00 B60L 1/02 H02J 3/38 B60L 50/13 (00) Assignment |
| (73) BAUSCH + LOMB IRELAND LIMITED (11) EP1848374 (00) 01.03.2023 (51) A61F 2/16 (00) Change of Legal Entity | (71) G+ Communications LLC (73) G+ Communications LLC (11) EP2472942 (00) 01.03.2023 (51) H04W 24/10 H04W 52/34 H04W 52/36 (00) Assignment | (71) Ultra PCS Limited (73) Ultra PCS Limited (11) EP3251828 (00) 01.03.2023 (51) B32B 1/08 B32B 5/02 B32B 7/10 B32B 15/085 B32B 15/14 B32B 15/18 B32B 27/12 B32B 27/32 B32B 27/34 F16L 11/08 B32B 7/08 (00) Assignment |
| (71) BAUSCH + LOMB IRELAND LIMITED (73) BAUSCH + LOMB IRELAND LIMITED (11) EP1848374 (00) 01.02.2023 (51) A61F 2/16 (00) Assignment | (71) Cephalon LLC (73) Cephalon LLC (11) EP2271315 (00) 28.02.2023 (51) A61K 9/14 A61K 9/19 A61K 31/4184 (00) Change of Legal Entity | (51) B32B 1/08 B32B 5/02 B32B 7/10 B32B 15/085 B32B 15/14 B32B 15/18 B32B 27/12 B32B 27/32 B32B 27/34 F16L 11/08 B32B 7/08 (00) Assignment |
| (71) VALEANT PHARMA POLAND SPÓLKA Z OGRANICZONA | (51) A61K 9/14 A61K 9/19 A61K 31/4184 (00) Change of Legal Entity | (51) B32B 1/08 B32B 5/02 B32B 7/10 B32B 15/085 B32B 15/14 B32B 15/18 B32B 27/12 B32B 27/32 B32B 27/34 F16L 11/08 B32B 7/08 (00) Assignment |
| (73) BAUSCH + LOMB IRELAND LIMITED (11) EP1848374 (00) 01.03.2023 (51) A61F 2/16 (00) Change of Legal Entity | (71) DELTA MED S.P.A. (73) DELTA MED S.P.A. (11) EP2204204 (00) 28.02.2023 (51) A61M 5/32 A61M 25/06 (00) Merge | (71) Profloating Holding BV (73) Profloating Holding BV (11) 2024967 (00) 23.02.2023 (51) F24S 20/70 H02S 20/00 B63B 35/38 F24S 25/65 (00) Assignment |
| (71) BAUSCH + LOMB IRELAND LIMITED (73) BAUSCH + LOMB IRELAND LIMITED (11) EP1817065 (00) 01.03.2023 (51) A61K 9/00 A61K 47/36 A61L 24/04 A61L 24/08 A61L 31/04 | (71) ELLEPOT A/S (73) ELLEPOT A/S (11) EP3065537 (00) 24.02.2023 (51) A01G 9/02 A01G 9/10 D04H 3/011 (00) Merge | (51) F24S 20/70 H02S 20/00 B63B 35/38 F24S 25/65 (00) Assignment (71) Eppendorf SE (73) Eppendorf SE (11) EP3355007 (00) 27.02.2023 (51) F25D 17/06 H02P 6/00 (00) Change of Legal Entity |
| (00) Change of Legal Entity | (71) ZF CV Systems Hannover GmbH (73) ZF CV Systems Hannover GmbH (11) EP2755039 (00) 28.02.2023 (51) G01P 3/44 B60T 8/17 G01P 3/48 (00) Change of owner(s) name | (71) Wolf Lab GmbH & Co. KG (73) Wolf Lab GmbH & Co. KG (11) EP2362844 (00) 23.02.2023 (51) B65D 17/34 (00) Assignment |
| (71) Eppendorf SE (73) Eppendorf SE (11) EP2574402 (00) 27.02.2023 (51) B01L 3/00 B01L 3/02 | (71) Newton2 ApS (73) Newton2 ApS (11) EP3146526 (00) 03.03.2023 (51) H04N 5/353 A61B 6/00 | (71) Eppendorf SE (73) Eppendorf SE (11) EP2853584 |

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| (00) 27.02.2023 | (71) Eppendorf SE | (11) EP3911615 |
| (51) C12M 1/00 | (73) Eppendorf SE | (00) 27.02.2023 |
| (00) Change of Legal Entity | (11) EP2857841 | (51) C04B 7/44 |
| (71) BASF SE | (00) 27.02.2023 | (00) Assignment |
| ExxonMobil Technology and Engineering Company | (51) G01N 35/00 | (71) thyssenkrupp Industrial Solutions AG |
| (73) BASF SE | (00) Change of Legal Entity | Dyckerhoff GmbH |
| ExxonMobil Technology and Engineering Company | (71) Eppendorf SE | Vicat SA |
| (11) EP3448543 | (73) Eppendorf SE | SCHWENK Zement GmbH & Co. KG |
| (00) 28.02.2023 | (11) EP3488521 | HeidelbergCement AG |
| (51) B01D 53/14 | (00) 27.02.2023 | (73) thyssenkrupp Industrial Solutions AG |
| (00) Change of owner(s) name | (51) H02P 27/04 | Dyckerhoff GmbH |
| (71) Eppendorf SE | F25B 49/02 | Vicat SA |
| (73) Eppendorf SE | H02M 5/458 | SCHWENK Zement GmbH & Co. KG |
| (11) EP3502231 | H02P 1/42 | HeidelbergCement AG |
| (00) 27.02.2023 | H02P 1/44 | (11) EP3928049 |
| (51) C12M 1/36 | (00) Change of Legal Entity | (00) 27.02.2023 |
| C12M 3/00 | (71) Eppendorf SE | (51) F27B 7/36 |
| (00) Change of Legal Entity | (73) Eppendorf SE | F27B 7/38 |
| (71) BASF SE | (11) EP3728554 | F27B 7/42 |
| ExxonMobil Technology and Engineering Company | (00) 27.02.2023 | C04B 7/47 |
| (73) BASF SE | (51) C12M 3/00 | C04B 7/43 |
| ExxonMobil Technology and Engineering Company | C12M 1/36 | (00) Assignment |
| (11) EP3579946 | (00) Change of Legal Entity | (71) LK Mahnke GmbH & Co. KG |
| (00) 28.02.2023 | (71) Sisvel International S.A. | (73) LK Mahnke GmbH & Co. KG |
| (51) B01D 53/14 | (73) Sisvel International S.A. | (11) EP3863580 |
| (00) Change of owner(s) name | (11) EP3709591 | (00) 28.02.2023 |
| (71) ADMA BioManufacturing, LLC | (00) 24.02.2023 | (51) A61F 13/58 |
| (73) ADMA BioManufacturing, LLC | (51) H04L 27/38 | A61F 13/62 |
| (11) EP3375789 | H04L 5/00 | (00) Change of owner(s) name |
| (00) 03.03.2023 | H04L 1/00 | |
| (51) C07K 16/06 | H04L 27/26 | |
| C07K 16/12 | (00) Assignment | |
| (00) Assignment | (71) thyssenkrupp Industrial Solutions AG | |
| (71) Profloating Holding BV | Dyckerhoff GmbH | |
| (73) Profloating Holding BV | Vicat SA | |
| (11) 2026458 | SCHWENK Zement GmbH & Co. KG | |
| (00) 23.02.2023 | HeidelbergCement AG | |
| (51) B63B 5/24 | (73) thyssenkrupp Industrial Solutions AG | |
| B63B 35/38 | Dyckerhoff GmbH | |
| B65D 41/34 | Vicat SA | |
| (00) Assignment | SCHWENK Zement GmbH & Co. KG | |
| (71) Profloating Holding BV | HeidelbergCement AG | |
| (73) Profloating Holding BV | (11) EP3788314 | |
| (11) 2026459 | (00) 27.02.2023 | |
| (00) 23.02.2023 | (51) F27B 7/36 | |
| (51) B63B 35/38 | F27B 7/38 | |
| B65D 51/16 | C04B 7/36 | |
| (00) Assignment | C04B 7/44 | |
| (71) Celator Pharmaceuticals, Inc. | (00) Assignment | |
| (73) Celator Pharmaceuticals, Inc. | (71) Eppendorf SE | |
| (11) EP2950784 | (73) Eppendorf SE | |
| (00) 28.02.2023 | (11) EP3528936 | |
| (51) A61K 9/127 | (00) 27.02.2023 | |
| (00) Assignment | (51) B01F 11/00 | |
| (71) Eppendorf SE | B01F 15/00 | |
| (73) Eppendorf SE | B01F 13/10 | |
| (11) EP3408370 | (00) Change of Legal Entity | |
| (00) 27.02.2023 | (71) thyssenkrupp Industrial Solutions AG | |
| (51) C12M 1/00 | Dyckerhoff GmbH | |
| C12M 1/12 | Vicat SA | |
| C12M 1/34 | SCHWENK Zement GmbH & Co. KG | |
| C12M 3/00 | HeidelbergCement AG | |
| (00) Change of Legal Entity | (73) thyssenkrupp Industrial Solutions AG | |
| | Dyckerhoff GmbH | |
| | Vicat SA | |
| | SCHWENK Zement GmbH & Co. KG | |
| | HeidelbergCement AG | |

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).