



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](http://www.rvo.nl/octrooien). Het Bijblad bevat officiële mededelingen en andere wetenswaardigheden waarmee Octrooicentrum Nederland en zijn klanten te maken hebben.

### Abonnementsprijzen per (kalender)jaar:

Hoofdblad en Bijblad: verschijnt gratis in elektronische vorm op de website van Octrooicentrum Nederland.

#### *Bezoekadres:* **Octrooicentrum Nederland**

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Voor taksen en depotrekeningen:

ING 0705001296

Iban: NL41INGB070500129

BIC: INGBNL2A

## 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](http://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:

Patent Bulletin and Official Journal: free of charge in electronic form on the website of the Netherlands Patent Office.

#### *Visiting address:* **Netherlands Patent Office**

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Fees, deposit accounts:

ING 0705001296

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BIC: INGBNL2A

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<b>Rubriek NP1</b> Bevat gegevens betreffende octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.	8 <b>Heading NP1</b> Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.	8
<b>Rubriek NP2</b> Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	10 <b>Heading NP2</b> Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	10
<b>Rubriek NP3</b> Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	13 <b>Heading NP3</b> Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	13
<b>Rubriek EP1</b> Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	14 <b>Heading EP1</b> Contains data concerning translations of the conclusions of European patent applications.	14
<b>Rubriek EP2</b> Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	15 <b>Heading EP2</b> Contains data concerning European patents granted for The Netherlands.	15
<b>Rubriek EP3</b> Bevat gegevens betreffende voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 lid 1 of 6 van de Octrooiwet 1995.	16 <b>Heading EP3</b> Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.	16
<b>Rubriek EP4</b> Bevat gegevens betreffende voor Nederland verleende gewijzigde Europese octrooien.	28 <b>Heading EP4</b> Contains data concerning European patents granted in amended form for the Netherlands.	28
<b>Rubriek EP5</b> Bevat gegevens betreffende voor Nederland verleende gewijzigde	29 <b>Heading EP5</b> Contains data concerning European patents granted in amended form for	29

Europese octrooien waarvoor een gewijzigde vertaling is ingediend.		The Netherlands in which an amended translation was filed.	
<b>Rubriek SPC</b> Bevat gegevens betreffende ingeschreven en verleende certificaten	30	<b>Heading SPC</b> Contains data concerning applications for- or granted Supplementary Protection Certificates.	30
<b>Rubriek VB1</b> Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	31	<b>Heading VB1</b> Contains data concerning requests and notices of opposition under the General administrative law.	31
<b>Rubriek VB2</b> Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.	32	<b>Heading VB2</b> Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made.	32
<b>Rubriek MED</b> Bevat gegevens betreffende overige mededelingen.	33	<b>Heading MED</b> Contains data concerning other communications.	33
<b>Rubriek VRV</b> Bevat gegevens betreffende verval of nietigverklaring.	34	<b>Heading VRV</b> Contains data concerning lapse or annulment.	34
<b>Rubriek VRB</b> Bevat gegevens betreffende verbeteringen op eerdere publicaties.	54	<b>Heading VRB</b> Contains data concerning corrections on earlier publications.	54
<b>Rubriek CO</b> Bevat gegevens betreffende wijzigingen in het octrooiregister.	55	<b>Heading CO</b> Contains data concerning changes in the Netherland patent register.	55
<b>Rubriek TVH</b> Bevat gegevens betreffende topografieën van halfgeleiderproducten.	58	<b>Heading TVH</b> Contains data concerning depots of original topographies of semi-conductor products.	58

<b>Rubriek UP1</b> Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.	59	<b>Heading UP1</b> Contains data concerning European patents with registered Unitary Effect.	59
<b>Rubriek UP2</b> Bevat gegevens over Europese octrooien met geregistreerd verzoek ex. artikel 52a (herstel recht op validatie).	60	<b>Heading UP2</b> Contains data concerning European patents with registered request ex article 52a (restoration of validation right).	60
<b>Rubriek UP3</b> Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en complete validatie.	61	<b>Heading UP3</b> Contains data concerning European patents with accepted ex article 52a (restoration of validation right) and validation completed.	61
<b>Rubriek UP4</b> Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en geen complete validatie.	62	<b>Heading UP4</b> Contains data concerning European patents with accepted request ex article 52a (restoration of validation right) and incomplete validation.	62
<b>Rubriek UP5</b> Bevat gegevens over Europese octrooien met afgewezen verzoek ex. artikel 52a (herstel recht op validatie).	63	<b>Heading UP5</b> Contains data concerning European patents with rejected request ex article 52a (restoration of validation right).	63
<b>Rubriek UP6</b> Bevat gegevens over Europese octrooien met ingetrokken verzoek ex. artikel 52a (herstel recht op validatie).	64	<b>Heading UP6</b> Contains data concerning European patents with withdrawn request ex article 52a (restoration of validation right).	64

## Overzicht van Inid codes

### INID CODES

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

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

### INID CODES

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

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

(44) Datum van openbaarmaking	(44) Date of publication by printing or similar process of an examined document on which no grant has taken place on or before said date
(45) Datum van kracht worden van een Europees octrooi in Nederland	(45) Date of publication by printing or similar process of a document on which no grant has taken place on or before said date
(46) Inschrijvingsdatum conclusies	(46) Date of publication by printing or similar process of the claim(s) only of a document
(47) Verleningsdatum octrooi	(47) Date from which the patent takes effect
(48) Datum waarop een verbetering van een octrooi is uitgegeven	(48) Date of issuance of a corrected patent document
(51) Internationale Octrooi classificatie	(51) International Patent Classification
(54) Korte aanduiding	(54) Title of the invention
(62) Nummer moeder aanvraag	(62) Number and, if possible, filing date of the earlier application from which the present document has been divided out
(68) Nummer basis octrooi	(68) Number of the basic patent
(71) Naam aanvrager(s)	(71) Name(s) of the applicant(s)
(72) Naam uitvinder(s)	(72) Name(s) of the inventor(s) if known to be such
(73) Naam octrooihouder(s)	(73) Name(s) of grantee(s)
(74) Naam gemachtigde	(74) Name(s) of the attorney(s) or agent(s)
(75) Naam van uitvinders die tevens aanvrager zijn	(75) Name(s) of inventor(s) who is (are) also application(s)
(81) Aangewezen landen volgens de PCT	(81) Designated States(s) according to the PCT
(83) Informatie over micro organismen	(83) Information concerning the deposit of microorganisms
(84) Aangewezen landen bij regionale 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
(95) Certificaten: naam van het product	(95) Name of the product protected by the basic patent and in respect of which the SPC has been applied for or granted

## Rubrieken/Headings

## NP1

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

(51) A22C 21/00	Universidade De Santiago De Compostela	Jian Chen
(21) 2029381	(74) dr. A. Ellens c.s.	Yanjie Ren
(22) 12.10.2021	(72) Josephus Maria Raaijmakers	Yan Niu
(54) A system and method for transferring poultry legs	José Manuel Leiro Vidal	Cong Li
(71) Foodmate B.V.	Irene de Bruijn	(41) 04.05.2023
(74) ir. H.A. Witmans c.s.	Jesús Lamas Fernández	(51) B41J 15/00
(72) Adriaan Hendrik de Koning	(41) 04.05.2023	(21) 2034213
Maarten Jeroen van der End	(51) A61P 33/12	(22) 23.02.2023
(41) 09.05.2023	A61K 39/00	(54) UITLEESASSEMBLAGE VAN ROLLER-REIS
(51) A61B 8/00	C07K 14/435	(71) GuangZhou KingTau Machinery&Electronics Equipment Co., Ltd.
(21) 2034443	(21) 2029379	(74) drs. C.M.A. Quintelier
(22) 27.03.2023	(22) 12.10.2021	(72) Zhenhua Tang
(54) ULTRASONIC DISPLAY SYSTEM AND METHOD BASED ON AUGMENTED REALITY	(54) SCHISTOSOMA SOLUBLE EGG ANTIGENS AND USES THEREOF	(31) 202220413609.1
(71) Binhaiwan Central Hospital of Dongguan	(71) Academisch Ziekenhuis Leiden (h.o.d.n. LUMC)	(32) 28.02.2022
(74) drs. C.M.A. Quintelier	(74) dr. A. Krebs	(33) China
(72) Yi Chen	(72) Maria Yazdanbakhsh	(51) B63G 8/00
Guojin Xie	Cornelis Hendrik Hokke	H02J 50/10
Jiangming Lai	Hermelijn Hélène Smits	(21) 2029374
(31) 202210316907.3	(41) 09.05.2023	(22) 10.10.2021
(32) 28.03.2022	(51) B01F 25/312	(54) UNDERWATER NETWORK CONTINUOUS OBSERVATION SYSTEM WITH USE OF RENEWABLE ENERGY, AND METHOD THEREOF
(33) China	B01F 35/00	(71) ShanDong JiaoTong University
(51) A61B 17/66	B01F 35/12	(74) ir. M.B. Plaggenborg
(21) 2032377	B01F 33/501	(72) Zhuoyi Yang
(22) 05.07.2022	(21) 2029377	Lei Song
(54) EXTERNAL FIXATOR	(22) 11.10.2021	Jia Zhou
(71) The First Hospital of Hunan University of Chinese Medicine (Clinical Research Institute of Traditional Chinese Medicine)	(54) Mixing installation with a dosing device	Fulin Yu
(74) ir. M.B. Plaggenborg	(71) Schippers Europe B.V.	Hongyuan Sun
(72) Min Lu	(74) ir. F.A. Geurts c.s.	(41) 04.05.2023
Xin Liu	(72) Stijn Petrus Brigitta Taelman	(51) C04B 24/26
Zhixian Gong	Cornelis Wilhelmus Verstijnen	C04B 28/04
Linhua Wang	(41) 04.05.2023	C08F 216/14
Fuping Zhu	(51) B22F 10/366	(21) 2029368
Gaoyan Kuang	B22F 1/065	(22) 08.10.2021
Wuping Li	B22F 1/00	(54) NON-DELAYED HYDRATION ETHER POLYCARBOXYLIC ACID AND PREPARATION METHOD THEREOF
Ke Yan	B22F 10/28	(71) Changsha University of Science & Technology
(31) 202111204550.1	B33Y 10/00	(74) dr. T. Wittop Koning PhD
(32) 15.10.2021	B33Y 70/00	(72) Shuncheng Xiang
(33) China	C22C 1/04	Yingli Gao
(51) A61K 35/74	G06F 30/23	(41) 04.05.2023
A01N 63/50	(21) 2029370	(51) C04B 24/26
A61K 38/08	(22) 08.10.2021	C04B 28/04
A01N 63/27	(54) PREPARATION METHOD OF BIOMEDICAL TITANIUM-NIOBIUM-ZIRCONIUM-TANTALUM ALLOY WITH 3D PRINTING GRADIENT ORGANIZATION STRUCTURE	C08F 220/06
A61P 33/02	(71) Changsha University of Science & Technology	(21) 2029367
A01P 15/00	(74) dr. T. Wittop Koning PhD	(22) 08.10.2021
(21) 2029375	(72) Wei Li	(54) HIGH-ADAPTIVE ETHER POLYCARBOXYLIC ACID AND PREPARATION METHOD THEREOF
(22) 11.10.2021	Wei Qiu	
(54) TREATMENT OF PARASITIC INFECTIONS OF FISH	Weiyang Huang	
(71) Nederlands Instituut voor Ecologie (NIOO-KNAW)	Libo Zhou	



- (71) Changsha University of Science & Technology  
 (74) dr. T. Wittop Koning PhD  
 (72) Shuncheng Xiang  
 Yingli Gao  
 (41) 04.05.2023
- 
- (51) C07K 16/28  
 A61K 35/00  
 A61P 35/00  
 (21) 2032781  
 (22) 17.08.2022  
 (54) USE OF CLOSTRIDIUM GHONII SPORE COMBINED WITH PD-1 ANTIBODY  
 (71) Shandong Xinchuang Biotechnology Co., Ltd.  
 (74) ir. M.B. Plaggenborg  
 (72) Hui Niu  
 Rong Zhang  
 Yong Wang  
 Dan Wang  
 Lichao Xing  
 Xinglu Xu  
 Shili Shao  
 Hong Zhu  
 Shengbiao Jiang  
 Yuanyuan Liu  
 Shaopeng Wang  
 Shuangshuang Guo  
 Dongxia Yang  
 Yuxia Gao  
 Xiaonan Li  
 Jiahui Zheng  
 Ting Han  
 (41) 04.05.2023  
 (31) 202111177854 .3  
 (32) 09.10.2021  
 (33) China
- 
- (51) C12M 1/02  
 B01L 7/04  
 (21) 2029378  
 (22) 11.10.2021  
 (54) BIOREACTOR HEATING APPARATUS  
 (71) Applikon Biotechnology B.V.  
 (74) ir. A. Blokland c.s.  
 (72) Menno Jan Vastenholt  
 Wilbert Timotheüs Walvoort  
 (41) 04.05.2023
- 
- (51) E02F 5/00  
 F16L 1/16  
 (21) 2029363  
 (22) 08.10.2021  
 (54) Vibration device, system, arrangement and method for offshore de-burial of a tubular structure  
 (71) Enersea B.V  
 (74) ir. H.A. Witmans c.s.  
 (72) Dieter Korndörffer  
 (41) 04.05.2023
- 
- (51) E06B 5/11  
 E05D 5/12  
 E06B 3/32  
 (21) 2029380  
 (22) 12.10.2021  
 (54) FRAME ASSEMBLY AND METHOD PROVIDING ANTI-BURGLARY PROTECTION  
 (71) Weber Glas en Kunststof B.V.
- (74) drs. J. Renkema  
 (72) Hendrikus Thomas Maria Weber  
 Desiderius Rudolf Petrus Holslag  
 (41) 09.05.2023
- 
- (51) F26B 17/28  
 F26B 21/12  
 F26B 3/20  
 F26B 25/00  
 (21) 2029388  
 (22) 12.10.2021  
 (54) A system and method for discharging evaporated product moisture from a drum dryer  
 (71) Solutherm B.V.  
 Tummers Beheer B.V.  
 (74) ir. H.A. Witmans c.s.  
 (72) Jelle Luutzen Nijdam  
 Pieter Jellema  
 (41) 09.05.2023
- 
- (51) H04L 41/0896  
 H04L 41/14  
 H04L 41/147  
 H04L 47/70  
 (21) 2029431  
 (22) 15.10.2021  
 (54) CLOUD SOFTWARE SERVICE RESOURCE ALLOCATION METHOD BASED ON QOS MODEL SELF-CORRECTION  
 (71) Fuzhou University  
 (74) dr. J. van Straaten  
 (72) Xing Chen  
 Haijiang Wang  
 Fangning Zhu
-

## NP2

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

(51) A21B 1/44 A47J 37/04	(73) Nederlands Instituut voor Ecologie (NIOO-KNAW) Universidade De Santiago De Compostela	(73) Changsha University of Science & Technology
(11) 2028004	(72) Josephus Maria Raaijmakers	(72) Wei Li
(47) 03.05.2023	José Manuel Leiro Vidal	Wei Qiu
(22) 16.04.2021	Irene de Bruijn	Weiyang Huang
(54) A ROTARY-PAN PIZZA OVEN	Jesús Lamas Fernández	Libo Zhou
(73) Dongguan HaoHong Outdoor Products Technology Co., Ltd	(74) dr. A. Ellens c.s.	Jian Chen
(72) MengWei Yan	(83) CBS 143505	Yanjie Ren
(74) dr. J. van Straaten	01.11.2017	Yan Niu
(31) 202021863920.3	Centraalbureau voor Schimmelcultures (CBS)	Cong Li
202021863991.3	Uppsalalaan 8, NL-3584 CT Utrecht, The Netherlands / P.O. Box 85167, NL-3508 AD Utrecht, The Netherlands	(74) dr. T. Wittop Koning PhD
(32) 31.08.2020	(51) A61P 33/12	(51) B62J 1/04
31.08.2020	A61K 39/00	B62J 1/26
(33) China	C07K 14/435	(11) 2030139
China	(11) 2029379	(47) 03.05.2023
(51) A22C 21/00	(47) 09.05.2023	(22) 15.12.2021
(11) 2029381	(22) 12.10.2021	(54) A shock-absorbing saddle
(47) 09.05.2023	(54) SCHISTOSOMA SOLUBLE EGG ANTIGENS AND USES THEREOF	(73) Anastasia Titjuk
(22) 12.10.2021	(73) Academisch Ziekenhuis Leiden (h.o.d.n. LUMC)	Alexander Tytjuk
(54) A system and method for transferring poultry legs	(72) Maria Yazdanbakhsh	(72) Alexander Tytjuk
(73) Foodmate B.V.	Cornelis Hendrik Hokke	Anastasia Titjuk
(72) Adriaan Hendrik de Koning	Hermelijn Hélène Smits	(74) ir. J.C. Volmer c.s.
Maarten Jeroen van der End	(74) dr. A. Krebs	(31) 2021000007
(74) ir. H.A. Witmans c.s.	(51) B01F 25/312	(32) 03.02.2021
(51) A23C 9/142	B01F 35/00	(33) Latvia
A23C 9/123	B01F 35/12	(51) B63B 73/20
(11) 2029207	B01F 33/501	B63B 73/60
(47) 03.05.2023	(11) 2029377	(11) 2032319
(22) 20.09.2021	(47) 04.05.2023	(47) 03.05.2023
(54) METHOD FOR IMPROVING SELF- COAGULATION PERFORMANCE OF YOGURT BY REDUCING OR ELIMINATING METALIONS IN FRESH MILK	(22) 11.10.2021	(22) 29.06.2022
(73) HangZhou Newhope Shuangfeng Dairy CO.,LTD.	(54) Mixing installation with a dosing device	(54) Stern Thruster Positioning, Assembling and Welding Method
(72) Guangsheng Zhao	(73) Schippers Europe B.V.	(73) COSCO SHIPPING HEAVY INDUSTRY (ZHOUZHAN) CO., LTD.
Gongnian Xiao	(72) Stijn Petrus Brigitta Taelman	ZHEJIANG INTERNATIONAL MARITIME COLLEGE
Yao Xiaoli	Cornelis Wilhelmus Verstijnen	(72) Jianhua Zhou
Xiao Shujun	(74) ir. F.A. Geurts c.s.	Dongfang Xu
Xiao Hailong	(51) B22F 10/366	Zailiang Liu
Luo Dongying	B22F 1/065	Yu Su
Lv Xin	A61L 27/06	Jianhua He
Li Ling	B22F 1/00	(74) dr. J. van Straaten
(74) drs. C.M.A. Quintelier	B22F 10/28	(31) 202110741963.7
(51) A61K 35/74	B33Y 10/00	(32) 01.07.2021
A01N 63/50	B33Y 70/00	(33) China
A61K 38/08	C22C 1/04	(51) B63G 8/00
A01N 63/27	G06F 30/23	H02J 50/10
A61P 33/02	(11) 2029370	(11) 2029374
A01P 15/00	(47) 04.05.2023	(47) 04.05.2023
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	Lei Song	Lei Song
	Jia Zhou	Jia Zhou
	Fulin Yu	Fulin Yu
	Hongyuan Sun	Hongyuan Sun

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(73) Changsha University of Science & Technology	(51) C08K 3/34	(72) Chao Zeng
(72) Shuncheng Xiang	C09K 21/02	Yunli Wang
Yingli Gao	C08K 5/00	(74) dr. A.V. Huygens
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Yingli Gao	Wei Yang	(73) Weber Glas en Kunststof B.V.
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Yong Wang	(72) Menno Jan Vastenholt	(72) Michael Linley Fripp
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Lichao Xing	(74) ir. A. Blokland c.s.	Shashwat Shukla
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Uitvinder ziet af van tenaamstelling.  
Nicolaas Johannes Wilhelmina Hendrikus Schermer  
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**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.**

**EP2**

**Voor Nederland verleende Europese octrooien.**

**Contains data concerning European patents granted for The Netherlands.**

## EP3

**Voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 (1, 6) van de Octrooiwet 1995.**

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**VRB**

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

## CO

## Ingeschreven overdrachten.

## Contains data concerning registered assignments or change of owners.

(71) Coöperatieve Rabobank U.A., (73) VDL Fibertech Industries B.V. (11) 1035220 (00) 21.04.2023 (51) A47B 31/00 B62B 3/00 B64D 11/00 (00) Assignment	(51) A24D 3/16 (00) Assignment	(00) Assignment
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(71) Vitesco Technologies GmbH (73) Vitesco Technologies GmbH (11) 2004355 (00) 26.04.2023 (51) F16K 31/06 (00) Assignment	(71) Evoqua Water Technologies Limited (73) Evoqua Water Technologies Limited (11) EP2660205 (00) 20.04.2023 (51) C02F 1/32 (00) Assignment	(71) TAPROGGE Gesellschaft mbH (73) TAPROGGE Gesellschaft mbH (11) 2023243 (00) 25.04.2023 (51) C02F 1/04 B01D 1/06 C02F 1/06 F28D 13/00 (00) Assignment
(71) Vitesco Technologies GmbH (73) Vitesco Technologies GmbH (11) EP2024623 (00) 26.04.2023 (51) F02D 19/02 F02M 21/02 (00) Assignment	(71) KETER HOME AND GARDEN PRODUCTS LTD (73) KETER HOME AND GARDEN PRODUCTS LTD (11) EP1721546 (00) 25.04.2023 (51) A47B 3/00 A47B 3/08 (00) Change of owner(s) name	(71) Mind-NRG Sàrl (73) Mind-NRG Sàrl (11) EP2219662 (00) 26.04.2023 (51) A61K 38/18 A61P 25/28 (00) Change of Legal Entity
(71) ESSENTRA INTERNATIONAL LIMITED (73) ESSENTRA FILTER PRODUCTS DEVELOPMENT CO PTE. LTD. (11) EP1571934 (00) 25.04.2023 (51) A24D 3/16 (00) Change of owner(s) name	(71) Telebrands Corp. (73) Telebrands Corp. (11) EP2520840 (00) 25.04.2023 (51) F16L 11/10 F16L 11/12 F16L 11/20 F16L 33/01 F16L 35/00 (00) Assignment	(71) Biotop P&P International GmbH (73) Biotop P&P International GmbH (11) EP2282974 (00) 26.04.2023 (51) C02F 1/42 C02F 3/06 C02F 101/10 C02F 101/16 C02F 103/42 (00) Change of owner(s) name
(71) Covidien AG (73) Covidien AG (11) EP1638451 (00) 25.04.2023 (51) A61B 1/267 (00) Assignment	(71) Covidien AG (73) Covidien AG (11) EP1962666 (00) 25.04.2023 (51) A61B 1/267 G02B 23/26 (00) Assignment	(71) NATIONAL UNIVERSITY CORPORATION, IWATE UNIVERSITY (73) NATIONAL UNIVERSITY CORPORATION, IWATE UNIVERSITY (11) EP2438812 (00) 24.04.2023 (51) A01K 11/00 A61B 5/07 A61B 5/145 A61D 1/12 (00) Change of owner(s) name
(71) ESSENTRA FILTER PRODUCTS DEVELOPMENT CO PTE. LTD. (73) ESSENTRA FILTER PRODUCTS DEVELOPMENT CO PTE. LTD. (11) EP1571934 (00) 25.04.2023	(71) TomTom Navigation B.V. (73) TomTom Navigation B.V. (11) EP2223042 (00) 21.04.2023 (51) G01C 21/32 G01C 21/36	(71) Vitesco Technologies GmbH (73) Vitesco Technologies GmbH (11) EP2785582

(00) 26.04.2023	(71) Les Laboratoires Servier	(51) E04B 1/00
(51) B62M 11/14	(73) Les Laboratoires Servier	E04B 2/90
B62M 6/55	(11) EP2804851	E06B 3/42
(00) Assignment	(00) 21.04.2023	E06B 3/46
(71) Nordic Bioproducts Group Oy	(51) A61K 31/16	(00) Assignment
(73) Nordic Bioproducts Group Oy	A61K 31/38	(71) SANDOZ AG
(11) EP2822397	A61K 31/40	(73) SANDOZ AG
(00) 26.04.2023	A61K 31/41	(11) EP3230929
(51) A23K 10/10	A61K 31/495	(00) 24.04.2023
A23K 10/32	A61P 35/00	(51) G06M 1/14
A23K 50/00	C07C 237/22	G06M 1/16
(00) Assignment	C07D 401/04	G06M 1/24
(71) Evoqua Water Technologies Limited	C07D 401/14	G06M 1/26
(73) Evoqua Water Technologies Limited	C07D 403/04	(00) Assignment
(11) EP2662938	C07D 413/04	(71) Cabka Group GmbH
(00) 20.04.2023	C07D 417/04	PreTurn GmbH
(51) F21V 17/00	(00) Assignment	(73) Cabka Group GmbH
F21V 21/00	(71) Holland Bioproducts B.V.	PreTurn GmbH
F21V 23/06	(73) Holland Bioproducts B.V.	(11) EP3398870
H01R 13/453	(11) EP3202860	(00) 21.04.2023
H01R 13/71	(00) 21.04.2023	(51) B65D 19/32
H01R 33/08	(51) C09D 4/00	(00) Change of owner(s) name
(00) Assignment	(00) Change of owner(s) name	(71) CureVac Manufacturing GmbH
(71) Signode International IP Holdings, LLC	(71) UCL BUSINESS LTD	(73) CureVac Manufacturing GmbH
(73) Signode International IP Holdings, LLC	(73) Autolus Limited	(11) EP3303583
(11) EP3012196	(11) EP3265490	(00) 26.04.2023
(00) 24.04.2023	(00) 24.04.2023	(51) C12N 15/10
(51) B65B 13/18	(51) A61P 35/00	C12P 19/34
(00) Assignment	C07K 16/28	(00) Change of owner(s) name
(71) Signode Industrial Group LLC	C07K 16/30	(71) Haki Access Solutions Ltd
(73) Signode International IP Holdings, LLC	A61K 35/17	(73) Haki Access Solutions Ltd
(11) EP3012196	(00) Change of Legal Entity	(11) EP2940231
(00) 24.04.2023	(71) THUASNE	(00) 26.04.2023
(51) B65B 13/18	(73) THUASNE	(51) E04G 3/30
(00) Assignment	(11) EP3463214	E04G 7/14
(71) Balco Group AB	(00) 24.04.2023	(00) Assignment
(73) Balco Group AB	(51) A61F 5/01	(71) 3F Bio Ltd
(11) EP2252744	(00) Assignment	(73) 3F Bio Ltd
(00) 26.04.2023	(71) Balco Group AB	(11) EP3209789
(51) E04B 1/00	(73) Balco Group AB	(00) 26.04.2023
(00) Assignment	(11) EP3164563	(51) B01J 3/00
(71) Autolus Limited	(00) 26.04.2023	C02F 11/08
(73) Autolus Limited	(51) E04B 1/00	C12M 1/00
(11) EP3265490	E04F 11/18	(00) Assignment
(00) 24.04.2023	E06B 1/36	(71) Procon US, Inc.
(51) A61P 35/00	E06B 3/66	(73) Procon US, Inc.
C07K 16/28	(00) Assignment	(11) EP2399002
C07K 16/30	(71) SPIE Nederland B.V.	(00) 24.04.2023
A61K 35/17	(73) SPIE Nederland B.V.	(51) F01C 21/08
(00) Assignment	(11) 2023715	(00) Assignment
(71) MECCANICA FADINI S.R.L.	(00) 26.04.2023	(71) Shenyang Intelligent Neuclear Medical
(73) MECCANICA FADINI S.R.L.	(51) E01F 15/00	Technology Co., Ltd.
(11) EP3106564	E01F 15/08	(73) Shenyang Intelligent Neuclear Medical
(00) 20.04.2023	(00) Assignment	Technology Co., Ltd.
(51) E01F 13/04	(71) Balco Group AB	(11) EP3427667
(00) Change of Legal Entity	(73) Balco Group AB	(00) 24.04.2023
(71) Evoqua Water Technologies Limited	(11) EP2841658	(51) A61B 6/00
(73) Evoqua Water Technologies Limited	(00) 26.04.2023	A61B 6/03
(11) EP2541694	(51) E04B 1/00	G01T 1/172
(00) 20.04.2023	E04B 2/90	G01T 1/20
(51) F21V 23/06	E06B 3/42	G01T 1/29
H01R 13/512	E06B 3/46	G01T 1/36
H01R 13/622	(00) Assignment	G01T 7/00
H01R 13/639	(71) Balco Group AB	(00) Assignment
H01R 13/74	(73) Balco Group AB	(71) CureVac Manufacturing GmbH
H01R 33/97	(11) EP2841669	(73) CureVac Manufacturing GmbH
(00) Assignment	(00) 26.04.2023	(11) EP3334828



(00) 26.04.2023  
(51) C12N 15/63  
(00) Change of owner(s) name  
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(71) Shenyang Intelligent Neuclear Medical  
Technology Co., Ltd.  
(73) Shenyang Intelligent Neuclear Medical  
Technology Co., Ltd.  
(11) EP3276381  
(00) 24.04.2023  
(51) G01T 1/29  
(00) Assignment  
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(71) VKR Holding A/S  
(73) VKR Holding A/S  
(11) EP3783161  
(00) 24.04.2023  
(51) E04D 13/03  
(00) Change of Legal Entity  
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(71) Siemens Logistics GmbH  
(73) Siemens Logistics GmbH  
(11) EP3810531  
(00) 25.04.2023  
(51) B65G 43/02  
B65G 17/06  
(00) Assignment  
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**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).**