



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**

Prinses Beatrixlaan 2

2595 AL Den Haag

Postadres

Postbus 10366

2501 HJ Den Haag

Telefoon: 088-0426656

Bankrekeningnummer:

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**

Prinses Beatrixlaan 2

2595 AL Den Haag

Postadress

Post Office Box: 10366

2501 HJ Den Haag

Telephone: +31(0)88 0426656

Account:

Fees, deposit accounts:

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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	<b>299Heading SPC</b> Contains data concerning applications for- or granted Supplementary Protection Certificates.	299
<b>Rubriek VB1</b> Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	<b>300Heading VB1</b> Contains data concerning requests and notices of opposition under the General administrative law.	300
<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.	<b>302Heading 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.	302
<b>Rubriek MED</b> Bevat gegevens betreffende overige mededelingen.	<b>303Heading MED</b> Contains data concerning other communications.	303
<b>Rubriek VRV</b> Bevat gegevens betreffende verval of nietigverklaring.	<b>304Heading VRV</b> Contains data concerning lapse or annulment.	304
<b>Rubriek VRB</b> Bevat gegevens betreffende verbeteringen op eerdere publicaties.	<b>343Heading VRB</b> Contains data concerning corrections on earlier publications.	343
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## Overzicht van Inid codes

### INID CODES

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

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

### INID CODES

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

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

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

## Rubrieken/Headings

### NP1

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

(51) A01G 9/14 B65G 13/00	(33) China	(72) Shifan Hu
(21) 1043438	(51) A21D 13/04	(41) 28.09.2020
(22) 28.10.2019	A21D 13/06	(51) A61C 17/16
(54) Magneetroller	A23L 19/10	(21) 2026252
(71) Jörg Reischl	A23L 29/212	(22) 11.08.2020
(72) Dipl. Ing. (FH) Hans Jörg Reischl	A23L 29/231	(54) TOOTH WASHING DEVICE
(31) 202019001346.6	A23L 29/275	(71) Nanjing Robust Information Technology Co., Ltd.
(32) 24.03.2019	(21) 1043203	(74) ir. J.C. Volmer c.s.
(33) Germany	(22) 22.03.2019	(72) Bailing Xie
(51) A01G 18/70	(54) WERKWIJZE VOOR HET	(31) PCT/CN2020/092999
B65B 5/10	GELATINEREN VAN ZETMEEL EN	(32) 28.05.2020
B25J 9/00	HET AAN DAT ZETMEEL TOEVOEGEN	(33) China
B25J 9/16	VAN SPECIFIEKE INGREDIËNTEN	(51) A61F 2/00
B65B 25/04	WELKE GEDEELTELIJK WORDEN	(21) 2022777
B65B 59/00	GEHYDROLYSEERD, ALSMEDE	(22) 20.03.2019
(21) 2022795	MET BEHULP VAN DEZE	(54) Artificial sphincter
(22) 22.03.2019	WERKWIJZE VERKREGEN HUMANE	(71) Erasmus University Medical Center Rotterdam
(54) Inrichting voor het in een houder plaatsen van champignons	VOEDINGSMIDDELEN	(74) ir. H.A. Witmans c.s.
(71) CORNELISSEN/DERKX BEHEER B.V.	(71) Stichting 'Total Food Foundation'	(72) Katherine Christa Mackenzie
(74) ir. H.Th. van den Heuvel c.s.	(72) ir. Marinus Jacobus Vervoort	(41) 28.09.2020
(72) Franciscus Cornelissen	(41) 28.09.2020	(51) A61K 8/73
(41) 28.09.2020	(51) A47B 91/06	A61K 31/722
(51) A01K 7/02	A47C 7/00	A61K 9/00
A01K 39/02	(21) 2022781	A61P 9/10
(21) 2022754	(22) 21.03.2019	A61P 17/00
(22) 18.03.2019	(54) MEUBELSTUKGLIJDER,	(21) 2022788
(54) A drinking system	MEUBELSTUK, EN WERKWIJZE VOOR	(22) 22.03.2019
(71) Kanters Special Products B.V.	HET VAN EEN MEUBELSTUKGLIJDER	(54) Chitosan nitrate for use as a nitric oxide donor (NO donor)
(74) ir. A. Blokland c.s.	VOORZIEN VAN EEN MEUBELSTUK	(71) NO-ceuticals B.V.
(72) Tommy Antonius Laurentius Henricus Vereijken	(71) Dupo Enschede B.V.	(74) ir. M.F.J.M. Ketelaars c.s.
(51) A01K 63/04	(72) Willem Klaas Schutten	(72) Mathias Hubertus Josephus Maria Rietjens
C02F 1/44	(41) 28.09.2020	(41) 28.09.2020
(21) 2026251	(51) A47J 31/32	(51) B01J 2/30
(22) 11.08.2020	A47J 31/40	C05G 3/00
(54) FISH TANK CONVENIENT FOR CHANGING WATER	(21) 2022775	(21) 1043193
(71) Nanjing Robust Information Technology Co., Ltd.	(22) 20.03.2019	(22) 15.03.2019
(74) ir. J.C. Volmer c.s.	(54) Beverage extracting device	(54) Werkwijze ter vervaardiging van vrijvloeiend hydrofobe granulaatdeeltjes van een plantenhelpstof
(72) Bailing Xie	(71) Bravilor Bonamat B.V.	(71) Holland Novochem B.V.
(31) PCT/CN2020/093000	(74) mr. ir. J. van Breda c.s.	(74) drs. O. Griebing
(32) 28.05.2020	(72) Adrianus Petrus Welboren	(72) Erik Alexander Bijpost
(33) China	Romanus Eduard Verhoeven	Christianus Theodorus Groenen
(51) A01K 63/10	Johannes Theodorus Emerentia Huiberts	Kim Wilhelmus ten Wolde
(21) 2026253	Jan van Keulen	(41) 25.09.2020
(22) 11.08.2020	(41) 28.09.2020	(51) B01J 4/00
(54) AUTOMATIC CLEANING FISH TANK	(51) A47J 37/04	B01J 8/00
(71) Nanjing Robust Information Technology Co., Ltd.	A47J 43/18	B01J 8/18
(74) ir. J.C. Volmer c.s.	(21) 2022778	B01J 8/38
(72) Bailing Xie	(22) 21.03.2019	B01J 8/44
(31) PCT/CN2020/092998	(54) SATÉSTOKJE SAMENSTEL VOOR	B01J 19/00
(32) 28.05.2020	HET MAKEN VAN EEN SATÉ WAARBIJ	(21) 2022774
	TEN MINSTE TWEE SATÉSTOKJES	(22) 20.03.2019
	TEGELIJK WORDEN GEHANTEERD	
	EN DE STUKJES ETENSWAREN	
	ROTAREN NIET OM DE SATÉSTOKJES	
	—ASSEN	
	(71) Lieyafan Beheer BV	

(54) GAS-SOLID CONTACTING DEVICE	(71) Xeikon Prepress N.V.	(71) Weener Plastics Group B.V.
(71) Yilkins B.V.	(74) drs. P.F.H.M. van Someren c.s.	(74) ir. J.C. Volmer c.s.
(74) ir. J.C. Volmer c.s.	(72) Dirk Ludo Julien De Rauw	(72) Marcel Pater
(72) Peter Christiaan Albert Bergman	(41) 28.09.2020	Alwin Mertens
Evert-Jan Oltvoort	(51) B60F 5/02	Sebastiaan Wilhelmus Josephus den
Robert Johan Boers	B64C 27/50	Boer
(41) 28.09.2020	(21) 1043196	Lenny Marita Ellenkamp-van Olst
(51) B03C 3/017	(22) 18.03.2019	(41) 28.09.2020
(21) 2026143	(54) Rotor blades of a lift rotor	(51) C08B 37/14
(22) 27.07.2020	(71) PAL-V IP B.V.	(21) 2023946
(54) AIR PURIFYING DEVICE	(74) drs. O. Griebing	(22) 03.10.2019
(71) Real Scientists Limited	(72) Michael Alwin William Stekelenburg	(54) A Method of Separating Hemicellulose
(74) ir. A. van der Maarl	Louis Petrus Valentijn Marie van Rijn	through Efficient Pretreatment of Fibrous
(72) Sergey Kostevich	Wouter Adriaan Soethoudt	Biomass and Comprehensively Utilizing
Alexander Kornev	Robert Christiaan Wegerif	the Same
(51) B21C 37/08	(41) 25.09.2020	(71) INSTITUTE OF CHEMICAL INDUSTRY
B21D 5/12	(51) B60P 7/06	OF FOREST PRODUCTS, CAF
F23D 14/14	(21) 1043200	(74) dr. G. Visser-Luirink
(21) 2022783	(22) 20.03.2019	(72) Yanyan Liu
(22) 21.03.2019	(54) Zadel voor transport buizen met	Jianchun Jiang
(54) Methode van produceren van premix	zwaarlastwagens zoals SPMT's	Kui Wang
gasbranders	(71) Dinatex BV	Junming Xu
(71) BEKAERT COMBUSTION	(72) Ed Hubrouck	Linshan Wei
TECHNOLOGY B.V.	(41) 28.09.2020	Min Wei
(74) ir. J.C. Volmer c.s.	(51) B65B 31/04	Ruizhen Wang
(72) Ernst Mandema	B65D 81/20	(41) 25.09.2020
Frank IJken	B65D 85/50	(31) 201910565250.2
Geertjan Kooitje	(21) 2023336	(32) 26.06.2019
(41) 28.09.2020	(22) 18.06.2019	(33) China
(51) B25J 9/00	(54) Method and apparatus for packaging	(51) C12Q 1/6869
(21) 2022794	respiring produce	G01N 21/00
(22) 22.03.2019	(71) PERFO TEC B.V.	G06T 7/00
(54) Positioneer-inrichting	(74) ir. A.R. Aalbers	(21) 2023311
(71) CORNELISSEN/DERKX BEHEER B.V.	(72) Martijn Willem de Bruin	(22) 14.06.2019
(74) ir. H.Th. van den Heuvel c.s.	Arthur Brouwer	(54) ARTIFICIAL INTELLIGENCE-BASED
(72) Franciscus Cornelissen	Paulus Josephus Benedictus van de Loo	GENERATION OF SEQUENCING
Edwin Denissen	Bastiaan Rinke Antony Groeneweg	METADATA
(41) 28.09.2020	(41) 28.09.2020	(71) Illumina, Inc
(51) B29C 45/26	(31) 2022786	(74) drs. P.F.H.M. van Someren c.s.
B29D 11/00	(32) 21.03.2019	(72) Anindita Dutta
(21) 2022782	(33) Netherlands	Dorna Kashefaghghi
(22) 21.03.2019	(51) B65D 5/34	Amirali Kia
(54) Mould for casting an optical element and	B65D 5/42	(41) 28.09.2020
method for manufacturing	(21) 1043199	(31) US62/821,618
(71) Addoptics B.V.	(22) 20.03.2019	(32) 19.03.2019
(74) ir. H.A. Witmans c.s.	(54) Lekdicht vouwkarton met deksel	(33) United States of America
(72) Gregorius Petrus Franciscus Biskop	(71) Anderling B.V.	(51) C12Q 1/6869
Lucas Klamer	(72) ir. Hendrik Christiaan Adolf Hoekstra	G01N 21/62
(41) 28.09.2020	(41) 28.09.2020	G06T 7/00
(51) B41J 2/045	(51) B65D 47/20	G16B 30/10
(21) 2022767	(21) 2022764	(21) 2023310
(22) 19.03.2019	(22) 19.03.2019	(22) 14.06.2019
(54) A Method of Ink Jet Printing	(54) Self-closing dispensing valve made of a	(54) TRAINING DATA GENERATION FOR
(71) Canon Production Printing Holding B.V.	plastomer or a thermoplastic elastomer	ARTIFICIAL INTELLIGENCE-BASED
(74) ir. M.J. Groen	(71) Weener Plastics Group B.V.	SEQUENCING
(72) Guido J.M. Lejeune	(74) ir. J.C. Volmer c.s.	(71) Illumina, Inc
Arghya Dey	(72) Marcel Pater	(74) drs. P.F.H.M. van Someren c.s.
Desie A.C.M. Goosen- van den Heuvel	Alwin Mertens	(72) Anindita Dutta
(41) 28.09.2020	Sebastiaan Wilhelmus Josephus den	Dorna Kashefaghghi
(51) B41M 1/04	Boer	Amirali Kia
H04N 1/40	Lenny Marita Ellenkamp-van Olst	(41) 28.09.2020
H04N 1/405	(41) 28.09.2020	(31) US 62/821,602
(21) 2022776	(51) B65D 47/20	(32) 21.03.2019
(22) 20.03.2019	(21) 2022766	(33) United States of America
(54) METHOD AND SYSTEM FOR	(22) 19.03.2019	(51) C12Q 1/6869
APPLYING A PATTERN ON A MASK	(54) Self-closing valve with indentations in	G06T 7/10
LAYER	valve head contour	G16B 30/00
		G16B 40/10



(21) 2023314	verankeringsinrichting voor toepassing in	(54) Dak- of wandplaat van geschuimd
(22) 14.06.2019	een dergelijke werkwijze.	isolatiemateriaal, voorzien van een
(54) ARTIFICIAL INTELLIGENCE-BASED	(71) Kloosterman Waterbouw B.V.	binnenplaat van rigide plaatmateriaal
QUALITY SCORING	(74) ir. A. Blokland c.s.	die aan zijn oppervlak en zijkanten is
(71) Illumina, Inc	(72) Roelof Kloosterman	voorzien van een afwerklaag
(74) drs. P.F.H.M. van Someren c.s.	Frank Richard	(71) Woon- en Bouwservice Nederland B.V.
(72) Kishore Jaganathan	(41) 28.09.2020	Thijs Rudolf Flietstra
John Randall Gobbel	(51) E02D 31/00	(72) R. Barsukoff Poniatowsky
Amirali Kia	F17D 1/00	(41) 25.09.2020
(41) 28.09.2020	(21) 2025795	(51) E04H 6/12
(31) US62/821,724	(22) 09.06.2020	B65G 1/04
(32) 21.03.2019	(54) Cooling System for High-Temperature	E04H 6/18
(33) United States of America	Transportation Pipeline in Frozen Soil	(21) 2022761
(51) C12Q 1/6869	Region	(22) 19.03.2019
G06T 7/10	(71) NORTHWEST INSTITUTE OF ECO-	(54) A mobile storage module for storing
G16B 30/00	ENVIRONMENT AND RESOURCES,	a multiplicity of objects, in particular
G16B 40/10	CHINESE ACADEMY OF SCIENCES	vehicles, therein.
(21) 2023316	(74) ir. J.C. Volmer c.s.	(71) Joannes Jacob Cornelis de Vries
(22) 14.06.2019	(72) Guoyu Li	(74) ir. J.C. Volmer c.s.
(54) ARTIFICIAL INTELLIGENCE-BASED	Yapeng Cao	(72) Joannes Jacob Cornelis de Vries
SEQUENCING	Yanhu Mu	(41) 28.09.2020
(71) Illumina, Inc	Gang Wu	(51) F03B 13/06
(74) drs. P.F.H.M. van Someren c.s.	Gang Feng	(21) 1043204
(72) Kishore Jaganathan	Fei Wang	(22) 22.03.2019
Anindita Dutta	(31) 2019105356250	(54) EFFICIËNTE WERKWIJZE EN
Dorna Kashefaghghi	(32) 20.06.2019	INRICHTING VOOR DE OMZETTING
John Randall Gobbel	(33) China	VAN IN GECOMPRIEERD GAS
Amirali Kia	(51) E02F 9/02	OPGESLAGEN ENERGIE
(41) 28.09.2020	(21) 2022762	(71) Voltair V.o.f.
(31) US 62/821,766	(22) 19.03.2019	(72) Hendrik Johannes Klip
(32) 21.03.2019	(54) Vehicle comprising a stabilizer, and	(41) 28.09.2020
(33) United States of America	stabilizer for such a vehicle	(51) F24D 10/00
(51) C12Q 1/6869	(71) P. Berende Holding B.V.	F16L 1/028
G16B 30/00	Nijhuis Engineering Dronten B.V.	(21) 1043195
G16B 40/10	(74) drs. P.F.H.M. van Someren c.s.	(22) 17.03.2019
(21) 2023312	(72) Petrus Cornelis Adrianus Maria Berende	(54) Aanlegmethode stadsverwarming.
(22) 14.06.2019	Daniel P.J. Stee	(71) Rudolf Jacob Schreurs
(54) ARTIFICIAL INTELLIGENCE-BASED	(41) 28.09.2020	Jacoba Catharina Maria Molenaar MED
BASE CALLING	(51) E03B 1/04	(72) Rudolf Jacob Schreurs
(71) Illumina, Inc	E03B 11/00	(41) 25.09.2020
(74) drs. P.F.H.M. van Someren c.s.	(21) 2022757	(51) G01N 33/10
(72) Kishore Jaganathan	(22) 18.03.2019	B01L 3/00
John Randall Gobbel	(54) WATER RESERVOIR SYSTEM,	G01N 21/78
Amirali Kia	METHOD OF STORING WATER AND	(21) 2026197
(41) 28.09.2020	USE THEREOF THEREIN	(22) 03.08.2020
(31) US62/821,681	(71) Drainblock B.V.	(54) INTELLIGENT DEVICE AND METHOD
(32) 21.03.2019	(74) drs. P.F.H.M. van Someren c.s.	FOR TESTING POTASSIUM BROMATE
(33) United States of America	(72) Ivo Willem Anna Bastings	IN FLOUR BASED ON MICROFLUIDIC
(51) E02B 3/06	(41) 25.09.2020	CHIP
(21) 2025176	(51) E04B 1/76	(71) JIANGSU UNIVERSITY
(22) 20.03.2020	E04B 5/00	(74) J.M.H. Duyver lic.
(54) Kademuur en werkwijze voor het	E04F 15/18	(72) Ning Yang
aanleggen van een kademuur	(21) 1043198	Suliang Zhang
(71) WAMMulder Holding BV	(22) 19.03.2019	Xiaobo Zou
(74) ir. A. Ferguson	(54) SYSTEM AND METHOD FOR	Fangyu Shu
(72) Wilhelmus Arnoldus Maria Mulder	THERMAL FLOOR INSULATION	Xiaodi Zhou
Bartholomeus Hermanus Boksebeld	(71) BRIEV BV	(51) H01J 37/20
(41) 28.09.2020	Thijs Romko van der Wal	H01J 37/22
(31) 2022789	(72) Willem Neeleman	H01J 37/28
(32) 22.03.2019	Thijs Romko van der Wal	(21) 2022755
(33) Netherlands	(41) 28.09.2020	(22) 18.03.2019
(51) E02D 5/80	(51) E04C 2/24	(54) Method for inspecting a sample in a
E04H 12/22	E04C 2/296	charged particle microscope
(21) 2022793	E04D 3/35	(71) Technische Universiteit Delft
(22) 22.03.2019	(21) 1043197	(74) ir. F.A. Geurts c.s.
(54) Werkwijze voor het verankeren van	(22) 18.03.2019	(72) Wilco Zuidema
een civiel object in de grond alsmede		Jacob Pieter Hoogenboom

(41) 25.09.2020	(41) 28.09.2020
(51) H01J 37/20	(51) H02S 20/23
H01J 37/22	H02S 20/22
H01J 37/28	H02S 20/26
(21) 2022756	H02S 40/20
(22) 18.03.2019	H02S 40/44
(54) Integrated optical and charged particle inspection apparatus	(21) 2022796
(71) DELMIC IP B.V.	(22) 22.03.2019
(74) ir. F.A. Geurts c.s.	(54) Solar energy conversion module
(72) Jacob Pieter Hoogenboom	(71) Soluxa B.V.
Sander den Hoedt	(74) ir. M.F.J.M. Ketelaars c.s.
(41) 25.09.2020	(72) Lourens van dijk
(41) 25.09.2020	(41) 28.09.2020
(51) H01L 23/047	(51) H05B 33/08
H01L 23/10	H05B 37/02
H01L 23/00	(21) 2022772
H01L 23/495	(22) 20.03.2019
H01L 23/66	(54) A dimming unit arranged for dimming a Light Emitting Diode, LED, based lighting device as well as a corresponding method.
(21) 2022759	(71) Klemko Techniek B.V.
(22) 18.03.2019	(74) ir. A. Blokland c.s.
(54) Electronic package, electronic device, and lead frame	(72) Adrianus Jacobus Klaver
(71) Ampleon Netherlands B.V.	Petrus van Rossum
(74) drs. P.F.H.M. van Someren c.s.	(41) 28.09.2020
(72) Frans Meeuwssen	
Jurgen Raben	
(41) 25.09.2020	
(51) H01Q 1/22	
H01Q 5/42	
H01Q 21/28	
H01Q 1/52	
H01Q 25/00	
(21) 2022792	
(22) 22.03.2019	
(54) MIMO antenna system, wireless device, and wireless communication system	
(71) THE ANTENNA COMPANY INTERNATIONAL N.V.	
(74) ir. H.Th. van den Heuvel c.s.	
(72) Diego Caratelli	
Avraam Loutridis	
János Sófalvi	
(41) 28.09.2020	
(51) H01Q 1/22	
H01Q 9/28	
H01Q 21/20	
H01Q 21/30	
(21) 2022790	
(22) 22.03.2019	
(54) Antenna for IEEE 802.11 applications, wireless device, and wireless communication system	
(71) THE ANTENNA COMPANY INTERNATIONAL N.V.	
(74) ir. H.Th. van den Heuvel c.s.	
(72) Thomas Bolz	
Diego Caratelli	
(41) 28.09.2020	
(51) H02G 3/12	
(21) 2022773	
(22) 20.03.2019	
(54) Method for realising an LED dimming assembly and an LED dimming assembly	
(71) Klemko Techniek B.V.	
(74) ir. A. Blokland c.s.	
(72) Adrianus Jacobus Klaver	
Petrus van Rossum	

## 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) A01G 18/70 B65B 5/10 B25J 9/00 B25J 9/16 B65B 25/04 B65B 59/00 (11) 2022795 (47) 28.09.2020 (22) 22.03.2019 (54) Inrichting voor het in een houder plaatsen van champignons (73) CORNELISSEN/DERKX BEHEER B.V. (72) Franciscus Cornelissen (74) ir. H.Th. van den Heuvel c.s.	(73) JUUL Labs, Inc. (72) Ariel Atkins Steven Christensen Alexander M. Hoopai Jason King Esteban Leon Duque Christopher J. Rosser Andrew J. Stratton Alim Thawer James P. Westley christopher L. Belisle Matthew Rios Eric Joseph Johnson (74) J.M.H. Duyver lic.	ROTEREN NIET OM DE SATÉSTOKJES —ASSEN (73) Lieyafan Beheer BV (72) Shifan Hu
(51) A01K 7/02 A01K 39/02 (11) 2022754 (47) 25.09.2020 (22) 18.03.2019 (54) A drinking system (73) Kanters Special Products B.V. (72) Tommy Antonius Laurentius Henricus Vereijken (74) ir. A. Blokland c.s.	(31) 62/745,589 62/747,099 62/812,161 62/913,135 (32) 15.10.2018 17.10.2018 28.02.2019 09.10.2019 (33) United States of America United States of America United States of America United States of America	(51) A61K 8/73 A61K 31/722 A61K 9/00 A61P 9/10 A61P 17/00 (11) 2022788 (47) 28.09.2020 (22) 22.03.2019 (54) Chitosan nitrate for use as a nitric oxide donor (NO donor) (73) NO-ceuticals B.V. (72) Mathias Hubertus Josephus Maria Rietjens (74) ir. M.F.J.M. Ketelaars c.s.
(51) A01K 31/00 A01K 31/18 (11) 1043181 (47) 25.09.2020 (22) 06.03.2019 (54) Inrichting voor een ectoparasiet-vrije ruimte in een vogelverblijf (73) Jeroen Kuipers (72) Jeroen Kuipers	(51) A47B 91/06 A47C 7/00 (11) 2022781 (47) 28.09.2020 (22) 21.03.2019 (54) MEUBELSTUKGLIJDER, MEUBELSTUK, EN WERKWIJZE VOOR HET VAN EEN MEUBELSTUKGLIJDER VOORZIEN VAN EEN MEUBELSTUK (73) Dupo Enschede B.V. (72) Willem Klaas Schutten (74) drs. P.F.H.M. van Someren c.s.	(51) B01J 2/30 C05G 3/00 (11) 1043193 (47) 25.09.2020 (22) 15.03.2019 (54) Werkwijze ter vervaardiging van vrijvloeiend hydrofobe granulaatdeeltjes van een plantenhulpstof (73) Holland Novochem B.V. (72) Erik Alexander Bijpost Christianus Theodorus Groenen Kim Wilhelmus ten Wolde (74) drs. O. Griebling
(51) A21D 13/04 A21D 13/06 A23L 19/10 A23L 29/212 A23L 29/231 A23L 29/275 (11) 1043203 (47) 28.09.2020 (22) 22.03.2019 (54) WERKWIJZE VOOR HET GELATINEREN VAN ZETMEEL EN HET AAN DAT ZETMEEL TOEVOEGEN VAN SPECIFIEKE INGREDIËNTEN WELKE GEDEELTELIJK WORDEN GEHYDROLYSEERD, ALSMEDE MET BEHULP VAN DEZE WERKWIJZE VERKREGEN HUMANE VOEDINGSMIDDELEN (73) Stichting 'Total Food Foundation' (72) ir. Marinus Jacobus Vervoort	(51) A47J 31/32 A47J 31/40 (11) 2022775 (47) 28.09.2020 (22) 20.03.2019 (54) Beverage extracting device (73) Bravilor Bonamat B.V. (72) Adrianus Petrus Welboren Romanus Eduard Verhoeven Johannes Theodorus Emerentia Huiberts Jan van Keulen (74) mr. ir. J. van Breda c.s.	(51) B01J 4/00 B01J 8/00 B01J 8/18 B01J 8/38 B01J 8/44 B01J 19/00 (11) 2022774 (47) 28.09.2020 (22) 20.03.2019 (54) GAS-SOLID CONTACTING DEVICE (73) Yilkins B.V. (72) Peter Christiaan Albert Bergman Evert-Jan Oltvoort Robert Johan Boers (74) ir. J.C. Volmer c.s.
(51) A24F 40/10 A24F 40/46 (11) 2024023 (47) 25.09.2020 (22) 15.10.2019 (54) HEATING ELEMENT	(51) A47J 37/04 A47J 43/18 (11) 2022778 (47) 28.09.2020 (22) 21.03.2019 (54) SATÉSTOKJE SAMENSTEL VOOR HET MAKEN VAN EEN SATÉ WAARBIJ TEN MINSTE TWEE SATÉSTOKJES TEGELIJK WORDEN GEHANTEERD EN DE STUKJES ETENSWAREN	(51) B21C 37/08 B21D 5/12 F23D 14/14 (11) 2022783 (47) 28.09.2020

(22) 21.03.2019	(54) Zadel voor transport buizen met zwaarlastwagens zoals SPMT's	Sebastiaan Wilhelmus Josephus den Boer
(54) Methode van produceren van premix gasbranders	(73) Dinattec BV	Lenny Marita Ellenkamp-van Olst
(73) BEKAERT COMBUSTION TECHNOLOGY B.V.	(72) Ed Hubrouck	(74) ir. J.C. Volmer c.s.
(72) Ernst Mandema	(51) B60T 13/74	(51) C08B 37/14
Frank IJken	F16D 55/224	(11) 2023946
Geertjan Kooitje	(11) 2024216	(47) 25.09.2020
(74) ir. J.C. Volmer c.s.	(47) 25.09.2020	(22) 03.10.2019
(51) B25J 9/00	(22) 11.11.2019	(54) A Method of Separating Hemicellulose through Efficient Pretreatment of Fibrous Biomass and Comprehensively Utilizing the Same
(11) 2022794	(54) ELECTROMECHANICAL BRAKING INLAY WITH PARKING FUNCTION	(73) INSTITUTE OF CHEMICAL INDUSTRY OF FOREST PRODUCTS, CAF
(47) 28.09.2020	(73) Anhui University of Science and Technology	(72) Yanyan Liu
(22) 22.03.2019	(72) Huawei Jin	Jianchun Jiang
(54) Positioneer-inrichting	(72) Fujie Wang	Kui Wang
(73) CORNELISSEN/DERKX BEHEER B.V.	Huanan Li	Junming Xu
(72) Franciscus Cornelissen	(74) drs. P.A. van Essen c.s.	Linshan Wei
Edwin Denissen	(31) 201910001094.7	Min Wei
(74) ir. H.Th. van den Heuvel c.s.	(32) 02.01.2019	Ruizhen Wang
(51) B29C 45/26	(33) China	(74) dr. G. Visser-Luirink
B29D 11/00	(51) B65B 31/04	(31) 201910565250.2
(11) 2022782	B65D 81/20	(32) 26.06.2019
(47) 28.09.2020	B65D 85/50	(33) China
(22) 21.03.2019	(11) 2023336	(51) C08F 4/649
(54) Mould for casting an optical element and method for manufacturing	(47) 28.09.2020	(11) 2021838
(73) Addoptics B.V.	(22) 18.06.2019	(47) 25.09.2020
(72) Gregorius Petrus Franciscus Biskop	(54) Method and apparatus for packaging respiring produce	(22) 19.10.2018
Lucas Klamer	(73) PERFO TEC B.V.	(54) CATALYST COMPONENT, CATALYST, AND PREPOLYMERIZATION CATALYST FOR OLEFIN POLYMERIZATION, AND METHOD FOR OLEFIN POLYMERIZATION
(74) ir. H.A. Witmans c.s.	(72) Martijn Willem de Bruin	(73) China Petroleum & Chemical Corporation
(51) B41J 2/045	Arthur Brouwer	Beijing Research Institute of Chemical Industry, China Petroleum & Chemical Corporation
(11) 2022767	Paulus Josephus Benedictus van de Loo	(72) Mingzhi Gao
(47) 28.09.2020	Bastiaan Rinke Antony Groeneweg	Xiaoxia Cai
(22) 19.03.2019	(74) ir. A.R. Aalbers	Haitao Liu
(54) A Method of Ink Jet Printing	(31) 2022786	Jianhua Chen
(73) Canon Production Printing Holding B.V.	(32) 21.03.2019	Jixing Ma
(72) Guido J.M. Lejeune	(33) Netherlands	Jun Wang
Arghya Dey	(51) B65D 5/34	Changxiu Li
Desie A.C.M. Goosen- van den Heuvel	B65D 5/42	Jianjun Hu
(74) ir. M.J. Groen	(11) 1043199	Jing Ma
(51) B41M 1/04	(47) 28.09.2020	Shixiong He
H04N 1/40	(22) 20.03.2019	(74) mr.ir. F.N. Ferro
H04N 1/405	(54) Lekdicht vouwkarton met deksel	(31) 201710996877.4
(11) 2022776	(73) Anderling B.V.	(32) 19.10.2017
(47) 28.09.2020	(72) ir. Hendrik Christiaan Adolf Hoekstra	(33) China
(22) 20.03.2019	(51) B65D 47/20	(51) C12Q 1/6869
(54) METHOD AND SYSTEM FOR APPLYING A PATTERN ON A MASK LAYER	(11) 2022764	G01N 21/00
(73) Xeikon Prepress N.V.	(47) 28.09.2020	G06T 7/00
(72) Dirk Ludo Julien De Rauw	(22) 19.03.2019	(11) 2023311
(74) drs. P.F.H.M. van Someren c.s.	(54) Self-closing dispensing valve made of a plastomer or a thermoplastic elastomer	(47) 28.09.2020
(51) B60F 5/02	(73) Weener Plastics Group B.V.	(22) 14.06.2019
B64C 27/50	(72) Marcel Pater	(54) ARTIFICIAL INTELLIGENCE-BASED GENERATION OF SEQUENCING METADATA
(11) 1043196	Alwin Mertens	(73) Illumina, Inc
(47) 25.09.2020	Sebastiaan Wilhelmus Josephus den Boer	(72) Anindita Dutta
(22) 18.03.2019	Lenny Marita Ellenkamp-van Olst	Dorna Kashefhighi
(54) Rotor blades of a lift rotor	(74) ir. J.C. Volmer c.s.	Amirali Kia
(73) PAL-V IP B.V.	(51) B65D 47/20	(74) drs. P.F.H.M. van Someren c.s.
(72) Michael Alwin William Stekelenburg	(11) 2022766	(31) US62/821,618
Louis Petrus Valentijn Marie van Rijn	(47) 28.09.2020	(32) 19.03.2019
Wouter Adriaan Soethoudt	(22) 19.03.2019	
Robert Christiaan Wegerif	(54) Self-closing valve with indentations in valve head contour	
(74) drs. O. Griebing	(73) Weener Plastics Group B.V.	
(51) B60P 7/06	(72) Marcel Pater	
(11) 1043200	Alwin Mertens	
(47) 28.09.2020		
(22) 20.03.2019		

(33) United States of America	(31) US62/821,681	(22) 20.01.2020
(51) C12Q 1/6869	(32) 21.03.2019	(54) Wall assembly
G01N 21/62	(33) United States of America	(62) 2021372
G06T 7/00	(51) E02B 3/06	(73) DK Gevels B.V.
G16B 30/10	(11) 2025176	(72) Dennis Jacobus Theodorus Deen
(11) 2023310	(47) 28.09.2020	(74) ir. A.R. Aalbers
(47) 28.09.2020	(22) 20.03.2020	(51) E04C 2/24
(22) 14.06.2019	(54) Kademuur en werkwijze voor het	E04C 2/296
(54) TRAINING DATA GENERATION FOR	aanleggen van een kademuur	E04D 3/35
ARTIFICIAL INTELLIGENCE-BASED	(73) WAMMulder Holding BV	(11) 1043197
SEQUENCING	(72) Wilhelmus Arnoldus Maria Mulder	(47) 25.09.2020
(73) Illumina, Inc	Bartholomeus Hermanus Boksebeld	(22) 18.03.2019
(72) Anindita Dutta	(74) ir. A. Ferguson	(54) Dak- of wandplaat van geschuimd
Dorna Kashefhighi	(31) 2022789	isolatiemateriaal, voorzien van een
Amirali Kia	(32) 22.03.2019	binnenplaat van rigide plaatmateriaal
(74) drs. P.F.H.M. van Someren c.s.	(33) Netherlands	die aan zijn oppervlak en zijanten is
(31) US 62/821,602	(51) E02D 5/80	voorzien van een afwerklaag
(32) 21.03.2019	E04H 12/22	(73) Woon- en Bouwservice Nederland B.V.
(33) United States of America	(11) 2022793	Thijs Rudolf Flietstra
(51) C12Q 1/6869	(47) 28.09.2020	(72) R. Barsukoff Poniatowsky
G06T 7/10	(22) 22.03.2019	(51) E04H 6/12
G16B 30/00	(54) Werkwijze voor het verankeren van	B65G 1/04
G16B 40/10	een civiel object in de grond alsmede	E04H 6/18
(11) 2023314	verankeringsinrichting voor toepassing in	(11) 2022761
(47) 28.09.2020	een dergelijke werkwijze.	(47) 28.09.2020
(22) 14.06.2019	(73) Kloosterman Waterbouw B.V.	(22) 19.03.2019
(54) ARTIFICIAL INTELLIGENCE-BASED	(72) Roelof Kloosterman	(54) A mobile storage module for storing
QUALITY SCORING	Frank Richard	a multiplicity of objects, in particular
(73) Illumina, Inc	(74) ir. A. Blokland c.s.	vehicles, therein.
(72) Kishore Jaganathan	(51) E02F 9/02	(73) Joannes Jacob Cornelis de Vries
John Randall Gobbel	(11) 2022762	(72) Joannes Jacob Cornelis de Vries
Amirali Kia	(47) 28.09.2020	(74) ir. J.C. Volmer c.s.
(74) drs. P.F.H.M. van Someren c.s.	(22) 19.03.2019	(51) F03B 13/06
(31) US62/821,724	(54) Vehicle comprising a stabilizer, and	(11) 1043204
(32) 21.03.2019	stabilizer for such a vehicle	(47) 28.09.2020
(33) United States of America	(73) P. Berende Holding B.V.	(22) 22.03.2019
(51) C12Q 1/6869	Nijhuis Engineering Dronten B.V.	(54) EFFICIËNTE WERKWIJZE EN
G06T 7/10	(72) Petrus Cornelis Adrianus Maria Berende	INRICHTING VOOR DE OMZETTING
G16B 30/00	Daniel P.J. Stee	VAN IN GECOMPRIEERD GAS
G16B 40/10	(74) drs. P.F.H.M. van Someren c.s.	OPGESLAGEN ENERGIE
(11) 2023316	(51) E03B 1/04	(73) Voltair V.o.f.
(47) 28.09.2020	E03B 11/00	(72) Hendrik Johannes Klip
(22) 14.06.2019	(11) 2022757	(51) F24D 10/00
(54) ARTIFICIAL INTELLIGENCE-BASED	(47) 25.09.2020	F16L 1/028
SEQUENCING	(22) 18.03.2019	(11) 1043195
(73) Illumina, Inc	(54) WATER RESERVOIR SYSTEM,	(47) 25.09.2020
(72) Kishore Jaganathan	METHOD OF STORING WATER AND	(22) 17.03.2019
Anindita Dutta	USE THEREOF THEREIN	(54) Aanlegmethode stadsverwarming.
Dorna Kashefhighi	(73) Drainblock B.V.	(73) Rudolf Jacob Schreurs
John Randall Gobbel	(72) Ivo Willem Anna Bastings	Jacoba Catharina Maria Molenaar MEd
Amirali Kia	(74) drs. P.F.H.M. van Someren c.s.	(72) Rudolf Jacob Schreurs
(74) drs. P.F.H.M. van Someren c.s.	(51) E04B 1/76	(51) G03F 1/62
(31) US 62/821,766	E04B 5/00	(11) 2024289
(32) 21.03.2019	E04F 15/18	(47) 25.09.2020
(33) United States of America	(11) 1043198	(22) 22.11.2019
(51) C12Q 1/6869	(47) 28.09.2020	(54) Membrane cleaning apparatus
G16B 30/00	(22) 19.03.2019	(73) ASML Netherlands B.V.
G16B 40/10	(54) SYSTEM AND METHOD FOR	(72) Marcus Adrianus van de Kerkhof
(11) 2023312	THERMAL FLOOR INSULATION	Andrey Nikipelov
(47) 28.09.2020	(73) BRIEV BV	Dmitry Kurilovich
(22) 14.06.2019	Thijs Romko van der Wal	Fabio Sbrizzai
(54) ARTIFICIAL INTELLIGENCE-BASED	(72) Willem Neeleman	Jeroen van Duivenbode
BASE CALLING	Thijs Romko van der Wal	Willem Joan van der Zande
(73) Illumina, Inc	(51) E04B 2/08	David Ferdinand Vles
(72) Kishore Jaganathan	E04B 2/32	Ties Wouter van der Woord
John Randall Gobbel	(11) 2024707	(74) ir. A.J.M. van Hoef
Amirali Kia	(47) 25.09.2020	(31) 18208555.5
(74) drs. P.F.H.M. van Someren c.s.		

19173742.8	(47) 28.09.2020
19180219.8	(22) 22.03.2019
(32) 27.11.2018	(54) Antenna for IEEE 802.11 applications,
10.05.2019	wireless device, and wireless
14.06.2019	communication system
(33) European Patent Office (EPO)	(73) THE ANTENNA COMPANY
European Patent Office (EPO)	INTERNATIONAL N.V.
European Patent Office (EPO)	(72) Thomas Bolz
(51) H01J 37/20	Diego Caratelli
H01J 37/22	(74) ir. H.Th. van den Heuvel c.s.
H01J 37/28	(51) H02G 3/12
(11) 2022755	(11) 2022773
(47) 25.09.2020	(47) 28.09.2020
(22) 18.03.2019	(22) 20.03.2019
(54) Method for inspecting a sample in a	(54) Method for realising an LED dimming
charged particle microscope	assembly and an LED dimming assembly
(73) Technische Universiteit Delft	(73) Klemko Techniek B.V.
(72) Wilco Zuidema	(72) Adrianus Jacobus Klaver
Jacob Pieter Hoogenboom	Petrus van Rossum
(74) ir. F.A. Geurts c.s.	(74) ir. A. Blokland c.s.
(51) H01J 37/20	(51) H02S 20/23
H01J 37/22	H02S 20/22
H01J 37/28	H02S 20/26
(11) 2022756	H02S 40/20
(47) 25.09.2020	H02S 40/44
(22) 18.03.2019	(11) 2022796
(54) Integrated optical and charged particle	(47) 28.09.2020
inspection apparatus	(22) 22.03.2019
(73) DELMIC IP B.V.	(54) Solar energy conversion module
(72) Jacob Pieter Hoogenboom	(73) Soluxa B.V.
Sander den Hoedt	(72) Lourens van dijk
(74) ir. F.A. Geurts c.s.	(74) ir. M.F.J.M. Ketelaars c.s.
(51) H01L 23/047	(51) H05B 33/08
H01L 23/10	H05B 37/02
H01L 23/00	(11) 2022772
H01L 23/495	(47) 28.09.2020
H01L 23/66	(22) 20.03.2019
(11) 2022759	(54) A dimming unit arranged for dimming a
(47) 25.09.2020	Light Emitting Diode, LED, based lighting
(22) 18.03.2019	device as well as a corresponding
(54) Electronic package, electronic device,	method.
and lead frame	(73) Klemko Techniek B.V.
(73) Ampleon Netherlands B.V.	(72) Adrianus Jacobus Klaver
(72) Frans Meeuwssen	Petrus van Rossum
Jurgen Raben	(74) ir. A. Blokland c.s.
(74) drs. P.F.H.M. van Someren c.s.	
(51) H01Q 1/22	
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(11) 2022792	
(47) 28.09.2020	
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(54) MIMO antenna system, wireless device,	
and wireless communication system	
(73) THE ANTENNA COMPANY	
INTERNATIONAL N.V.	
(72) Diego Caratelli	
Avraam Loutridis	
János Sófalvi	
(74) ir. H.Th. van den Heuvel c.s.	
(51) H01Q 1/22	
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**NP3**

**Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995..  
Contains data concerning Netherlands patents which have been entered in the patent  
register (after limitation procedure) under the Patents Act 1995.**

**EP1**

**Vertaalde conclusies van Europese octrooiaanvragen.**

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



## EP2

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

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(73) Anadolu Motor Üretim Ve Pazarlama A.S.	E02F 3/36	A01M 7/00
(72) USLU, Salih Güvenç	(11) EP3266940	(11) EP3400796
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AGRICULTURAL MACHINE	A01B 73/04	Hendrickson, Larry
(73) Väderstad Holding AB	A01B 79/00	(31) 201762505842 P
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McDonald, Brandon	(11) EP3192344	Heitkamp, Alexander
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(73) AGCO Corporation	(51) A01F 15/07	(51) A01K 15/02
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(73) Henkel IP & Holding GmbH	(72) SATOH, Shinichiroh	IMAMURA, Satoshi
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(22) 08.06.2017	A METAL PROFILE AND A PLASTIC	(54) IMPROVEMENTS RELATING TO WIND
(54) FIXTURE FOR TESTING THE	FOAM BODY	TURBINE BLADE MANUFACTURE
SHEAR PERFORMANCE OF	(73) Airex AG	(73) Vestas Wind Systems A/S
MICROCELLULAR-FOAMED	(72) Wissler, Michael	(72) BIRKEMOSE, Brian
THERMOPLASTIC COMPOSITE	Gaul, Martin	KRISTENSEN, Kim Linddal
WELDS	(51) B29C 65/16	(31) 201411448
(73) Magna Exteriors Inc.	B29K 67/00	(32) 27.06.2014
(72) CHITU, Marius	B29K 69/00	(33) United Kingdom
BALTAZAR Y JIMENEZ, Alexis	B65D 83/64	(51) B29C 65/48
MORI, Steven	B65D 83/66	C08K 5/101
WARD, Keith	(11) EP3374152	C08K 5/11
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(32) 10.06.2016	(47) 30.09.2020	C08K 5/405
(33) United States of America	(87) IB2016056792	C09J 4/06
(51) B29C 65/00	18.05.2017	C09J 133/20
B29C 65/08	(22) 11.11.2016	C09J 151/00
B29C 65/16	(54) SYSTEM AND METHOD FOR	(11) EP3155059
B29C 65/44	ASSEMBLING A PRESSURE UNIT	(21) EP15806974.0
B29C 65/46	WITH A CONTAINER	(47) 30.09.2020
B29L 31/00	(73) Airopack Technology Group B.V.	(87) US2015029571
B29L 31/30	(72) BROUWER, Mark	17.12.2015
B64C 1/14	REGAN, Phil	(22) 07.05.2015
B64F 5/10	(31) 16602015	(54) HEAT AND MOISTURE RESISTANT
(11) EP3488997	(32) 13.11.2015	ACRYLIC ADHESIVE COMPOSITION
(21) EP18202656.7	(33) Switzerland	(73) IPS, Corporation - Weld-On Division
(47) 30.09.2020	(51) B29C 65/18	(72) XIE, Xiaoyi
(22) 25.10.2018	B29C 65/30	SCHNEIDER, Andreas
(54) METHOD FOR PRODUCING A FRAME	B29C 65/78	(31) 201462010623 P
COMPONENT FOR A DOOR FRAME	(11) EP3470213	201514705260
STRUCTURE OF AN AIRCRAFT,	(21) EP18199266.0	(32) 11.06.2014
FRAME COMPONENT, AND DOOR	(47) 30.09.2020	06.05.2015
FRAME STRUCTURE	(22) 09.10.2018	(33) United States of America
(73) Airbus Operations GmbH	(54) AUTOMATIC APPLICATOR DEVICE	United States of America
(72) LINDE, Peter	OF ANCHORAGE POINTS OF A	(51) B29C 70/02
KLUGE, Albrecht	POLYETHYLENE FILM	B29C 70/22
(31) 102017221048	(73) Ecepack S.r.l.	B29C 70/48



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B29L 31/30	(21) EP19164717.1	(22) 18.01.2011
D04C 1/00	(47) 30.09.2020	(54) Oblong configuration for bonded patch
D04C 1/02	(22) 22.03.2019	(73) The Boeing Company
D04C 3/48	(54) METHOD FOR ANALYZING THE	(72) Dan-Jumbo, Eugene
(11) EP3057779	SURFACE QUALITY OF COMPOSITE	Keller, Russell L.
(21) EP14783801.5	LAMINATES	Westerman, Everett A.
(47) 30.09.2020	(73) The Boeing Company	(31) 689151
(87) EP2014071604	(72) MOORE, Jeron D.	(32) 18.01.2010
23.04.2015	LOUIE, Michael K.	(33) United States of America
(22) 09.10.2014	PERLA, Luis A.	<hr/>
(54) METHOD FOR PRODUCING A	SAINI, Gagandeep	(51) B29D 30/52
REINFORCED FIBER COMPOSITE	FAY, Christopher W.	B29K 21/00
COMPONENT	MEYER, Robert G.	B29K 105/00
(73) Bayerische Motoren Werke	(31) 201815943254	B29L 30/00
Aktiengesellschaft	(32) 02.04.2018	B29C 48/07
(72) BEIL, Andreas	(33) United States of America	B29C 48/16
SCHNAUFER, Thomas	(51) B29C 70/86	B29C 48/30
SPITZER, Simon	B29K 105/24	B29C 48/305
(31) 102013221172	B29L 31/00	B29C 48/49
(32) 18.10.2013	B29L 31/08	B29C 48/70
(33) Germany	F03D 1/06	(11) EP3253553
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B29C 70/30	(21) EP11719360.7	(87) EP2015076414
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B64C 1/00	(87) GB2011000661	(22) 12.11.2015
B64C 3/18	03.11.2011	(54) DEVICE FOR PRODUCING A
B29D 99/00	(22) 28.04.2011	MULTILAYERED COMPOSITE
(11) EP2888095	(54) A MODULAR STRUCTURAL	UNCURED TREAD STRIP
(21) EP12883107.0	COMPOSITE BEAM	(73) Continental Reifen Deutschland GmbH
(47) 30.09.2020	(73) Blade Dynamics Limited	(72) SCHRAMM, Oliver
(87) SE2012050890	(72) HAYDEN, Paul Trevor	(31) 102015202171
27.02.2014	BEHMER, Harald	(32) 06.02.2015
(22) 21.08.2012	(31) 201007336	(33) Germany
(54) A REINFORCED STRUCTURE AND A	(32) 30.04.2010	<hr/>
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REINFORCED STRUCTURE	(51) B29C 71/02	B32B 5/26
(73) SAAB AB	C08J 7/00	D03D 11/00
(72) GRANKÄLL, Tommy	C08K 5/053	D03D 11/02
GUSTAVSSON, Stefan	C08K 5/10	D03D 15/00
HALLANDER, Per	C08K 5/1515	A41D 31/06
LUNDBERG, Anders	C08K 5/17	A41D 31/102
PETERSSON, Mikael	C08K 5/51	(11) EP3384793
WEIDMANN, Björn	C08L 77/00	(21) EP16870694.3
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(51) B29C 70/30	C08L 77/06	(87) JP2016085503
B29L 31/00	(11) EP3369778	08.06.2017
F16F 1/366	(21) EP16859227.7	(22) 30.11.2016
(11) EP3132155	(47) 30.09.2020	(54) GARMENT
(21) EP15717148.9	(87) JP2016003220	(73) Toray Industries, Inc.
(47) 30.09.2020	04.05.2017	(72) TAKAYANAGI, Hajime
(87) EP2015057979	(22) 06.07.2016	(31) 2015237016
22.10.2015	(54) MOLDED ARTICLE COMPRISING	(32) 03.12.2015
(22) 13.04.2015	RESIN COMPOSITION CONTAINING	(33) Japan
(54) BAR-SHAPED COMPONENT LOADED	POLYAMIDE RESIN	<hr/>
IN TORSION AND METHOD FOR	(73) Toray Industries, Inc.	(51) B32B 15/01
CONCEIVING SUCH	(72) OKUNAGA, Kenichi	C21D 1/18
(73) thyssenkrupp AG	MASUNAGA, Atsushi	C21D 1/673
ThyssenKrupp Federn und Stabilisatoren	NISHIDA, Shingo	C21D 6/00
GmbH	AKITA, Masaru	C21D 7/13
(72) HUFENBACH, Werner	UMETSU, Hideyuki	C21D 8/02
KIELE, Jörn	(31) 2015214366	C21D 9/46
LEPPER, Martin	(32) 30.10.2015	C22C 38/02
WERNER, Jens	(33) Japan	C22C 38/04
(31) 102014207151	(51) B29C 73/10	C22C 38/06
(32) 14.04.2014	(11) EP2345532	C22C 38/14
(33) Germany	(21) EP11151272.9	C22C 38/18
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(51) B29C 70/54		C22C 38/38
G01B 11/24		(11) EP2886674

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(47) 30.09.2020	DUARTE, Nicolas Benjamin	(51) B32B 27/12
(87) JP2013071971	ACORD, Jeremy D.	B32B 27/18
20.02.2014	(31) 201314082857	B32B 27/32
(22) 15.08.2013	(32) 18.11.2013	B60N 3/04
(54) STEEL SHEET FOR HOT STAMPING, METHOD OF MANUFACTURING THE SAME, AND HOT STAMPED STEEL SHEET MEMBER	(33) United States of America	D06N 7/00
(73) Nippon Steel Corporation	(51) B32B 17/10	(11) EP2225098
(72) TAMAKI, Akari	C03C 17/34	(21) EP08868947.6
HIKIDA, Kazuo	E06B 3/66	(47) 30.09.2020
(31) 2012180186	(11) EP2524099	(87) US2008087662
(32) 15.08.2012	(21) EP11702534.6	09.07.2009
(33) Japan	(47) 30.09.2020	(22) 19.12.2008
(51) B32B 15/04	(87) US2011021314	(54) CARPET COMPRISING AN OLEFIN BLOCK COPOLYMER ADHESIVE BACKING
B32B 37/00	21.07.2011	(73) Dow Global Technologies LLC
C23C 14/24	(22) 14.01.2011	(72) PEPPER, Randy
H01M 4/04	(54) HIGH QUALITY EMISSION CONTROL COATINGS, EMISSION CONTROL GLAZINGS	MAGLEY, David
H01M 4/40	(73) Cardinal CG Company	WEVERS, Ronald
(11) EP2040916	(72) MYLI, Kari, B.	FOWLER, Harold
(21) EP07763908.6	PFAFF, Gary, L.	YALVAC, Selim
(47) 30.09.2020	VANCE, Greg	LI PI SHAN, Colin
(87) CA2007001254	HARTIG, Klaus	WEEKS, Ronald
24.01.2008	(31) 295694 P	JIN, Yi
(22) 17.07.2007	(32) 16.01.2010	(31) 15810 P
(54) MULTILAYER MATERIAL BASED ON ACTIVE LITHIUM, PREPARATION METHOD AND APPLICATIONS IN ELECTROCHEMICAL GENERATORS	(33) United States of America	(32) 21.12.2007
(73) Hydro-Québec	(51) B32B 17/10	(33) United States of America
(72) ZAGHIB, Karim	G02B 5/10	(51) B32B 27/12
DONTIGNY, Martin	(11) EP2836360	B32B 27/32
PETITCLERC, Michel	(21) EP13727289.4	A41D 31/02
GAUTHIER, Michel	(47) 30.09.2020	(11) EP3186079
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(32) 18.07.2006	21.11.2013	(47) 30.09.2020
(33) Canada	(22) 14.05.2013	(87) EP2014002347
(51) B32B 15/082	(54) METHOD FOR SHAPING A FILM OF A MATERIAL THAT HAS LOW RESISTANCE TO TRACTION, AND MIRROR COMPRISING SUCH A FILM	03.03.2016
B32B 27/30	(73) Helioclim	(22) 27.08.2014
C23C 14/00	(72) GODILLOT, Yannick	(54) WATERPROOF AND WATER VAPOR PERMEABLE LAMINATE
C23C 14/02	NGHIEM, Marie	(73) W.L. Gore & Associates GmbH
C23C 14/06	VITUPIER, Yann	W.L. Gore & Associates (UK) Ltd.
C23C 14/20	DANIEL, Charles	(72) HOTTNER, Martin
(11) EP3278979	PES, Mickael	MULLIGAN, Gerry
(21) EP16772204.0	(51) B32B 27/08	(51) B32B 27/28
(47) 30.09.2020	B32B 27/20	B32B 27/30
(87) JP2016057789	B32B 27/32	B65D 65/40
06.10.2016	B41M 5/41	C08J 5/18
(22) 11.03.2016	B41M 5/42	C08L 29/04
(54) DECORATIVE PRODUCT AND METHOD OF MANUFACTURING DECORATIVE PRODUCT	B41M 5/44	C08L 53/00
(73) Toyoda Gosei Co., Ltd.	(11) EP3085548	(11) EP3187536
(72) OGISU, Motoshi	(21) EP14871854.7	(21) EP15836377.0
OKAWA, Shintarou	(47) 30.09.2020	(47) 30.09.2020
(31) 2015071664	(87) JP2014082487	(87) JP2015073283
(32) 31.03.2015	25.06.2015	03.03.2016
(33) Japan	(22) 09.12.2014	(22) 19.08.2015
(51) B32B 17/10	(54) SURFACE SUBSTRATE FOR HEAT TRANSFER IMAGE RECEPTION SHEET, AND HEAT TRANSFER IMAGE RECEPTION SHEET	(54) RESIN COMPOSITION CONTAINING ETHYLENE-VINYL ALCOHOL COPOLYMER, MOLDED PRODUCT, AND MULTILAYER STRUCTURE
B64C 1/14	(73) Dai Nippon Printing Co., Ltd.	(73) Kuraray Co., Ltd.
(11) EP3466672	Mitsui Chemicals Tohcello, Inc.	(72) HIROSE, Wataru
(21) EP18200392.1	(72) TAKAHASHI, Hirokazu	IGARASHI, Takeyuki
(47) 30.09.2020	OOMURA, Junpei	(31) 2014174232
(22) 05.11.2014	MATSUURA, Hiroshi	(32) 28.08.2014
(54) TRANSPARENCY HAVING MOISTURE SENSORS	HONDA, Hiroshi	(33) Japan
(73) PPG Industries Ohio, Inc.	(31) 2013261223	(51) B32B 27/36
	(32) 18.12.2013	B32B 27/40
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C08G 18/70	G06F 3/01	(31) 106100336
C08G 18/72	G06F 3/041	(32) 05.01.2017
C08G 18/75	(11) EP3187970	(33) Taiwan, Province of China
C08G 18/79	(21) EP16206718.5	<hr/>
C08G 18/80	(47) 30.09.2020	(51) B33Y 30/00
C09D 175/04	(22) 23.12.2016	B33Y 50/02
C09J 175/16	(54) CONTACT SENSITIVE DEVICE,	B29C 64/264
(11) EP2905134	DISPLAY APPARATUS INCLUDING	B29C 67/00
(21) EP13866471.9	THE SAME AND METHOD OF	B33Y 40/00
(47) 30.09.2020	MANUFACTURING DISPLAY	(11) EP3390012
(87) JP2013077581	APPARATUS	(21) EP16901853.8
26.06.2014	(73) LG Display Co., Ltd.	(47) 30.09.2020
(22) 10.10.2013	(72) LEE, YongWoo	(87) US2016032080
(54) COATED FILM	HAM, Yong-Su	16.11.2017
(73) Mitsubishi Chemical Corporation	KIM, Taeheon	(22) 12.05.2016
(72) SATO, Takashi	KHO, YuSeon	(54) FUSE LAMP CALIBRATION
KAWASAKI, Taishi	LIM, MyungJin	(73) Hewlett-Packard Development Company,
KATO, Yuzo	CHOI, Seulgi	L.P.
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(32) 20.12.2012	(33) Korea (Republic)	COMAS, Esteve
28.12.2012	<hr/>	<hr/>
(33) Japan	(51) B32B 38/18	(51) B33Y 50/02
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(51) B32B 37/00	(11) EP3299944	B29C 64/393
B32B 37/14	(21) EP17020398.8	(11) EP3365152
B32B 38/00	(47) 30.09.2020	(21) EP15791521.6
B32B 38/06	(22) 31.08.2017	(47) 30.09.2020
B32B 38/18	(54) METHOD FOR MANUFACTURING	(87) EP2015074190
B44B 5/00	TOUCH SENSING DEVICE AND	27.04.2017
B44C 1/24	TOUCH SENSING DEVICE	(22) 19.10.2015
B44C 5/04	(73) Hosiden Corporation	(54) DISTRIBUTION OF PRINT AGENT
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(21) EP16705453.5	(31) 2016187920	L.P.
(47) 30.09.2020	(32) 27.09.2016	(72) RUBIO, Leticia
(87) EP2016052436	(33) Japan	SARKAR, Utpal Kumar
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(54) METHOD FOR PRODUCING A	B29C 64/112	(51) B41F 9/06
MATERIAL, IN PARTICULAR A	B29C 64/209	B41F 31/02
LAMINATED MATERIAL, WHICH IS	B29C 64/393	B41F 31/04
REGISTERED EMBOSSED	B33Y 70/00	B41F 31/06
(73) OLBRICH GmbH	(11) EP3040187	B41F 31/18
(72) LENSING, Uwe	(21) EP15198240.2	(11) EP3527376
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JOSTEN, Andre	(54) SYSTEM FOR DIGITAL FABRICATION	(22) 12.02.2019
(31) 102015006393	OF GRADED, HIERARCHICAL	(54) PATTERN-FREE ANILOX INKING
(32) 21.05.2015	MATERIAL STRUCTURES	SYSTEM AND METHOD
(33) Germany	(73) Palo Alto Research Center, Incorporated	(73) Xerox Corporation
<hr/>	(72) PASCHKEWITZ, John Steven	Palo Alto Research Center Incorporated
(51) B32B 37/00	IFTIME, Gabriel	(72) LESTRANGE, Jack T.
D04H 11/00	BECK, Victor Alfred	ANDERSON, Gregory B.
D04H 13/00	JOHNSON, David Mathew	KNAUSDORF, Peter J.
D04H 1/42	(31) 201414578044	LEE, Joanne L.
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(22) 06.06.2013	(51) B33Y 30/00	<hr/>
(54) Formation of a Shaped Fiber with	B33Y 50/00	(51) B41F 9/10
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(73) The Boeing Company	B29C 64/386	B41F 35/02
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(32) 14.06.2012	(22) 22.05.2017	(87) CN2015000080
(33) United States of America	(54) 3D PRINTING DEVICE AND PRINTING	01.10.2015
<hr/>	CORRECTION METHOD	(22) 05.02.2015
(51) B32B 37/12	(73) XYZprinting, Inc.	(54) WASTE LIQUID CIRCULATION
	Kinpo Electronics, Inc.	PLATE WIPING APPARATUS AND

IMPLEMENTATION METHOD	(11) EP3501834	HAGIWARA, Hiroyuki
THEREFOR	(21) EP18211078.3	OKUBO, Katsuhiko
(73) Nanjing Mint Co., Ltd.	(47) 30.09.2020	(31) 2016243740
China Banknote Printing and Minting Corp.	(22) 07.12.2018	(32) 15.12.2016
(72) LUAN, Jianning	(54) FLUID DISCHARGE HEAD AND FLUID DISCHARGE APPARATUS	(33) Japan
MA, Lixiang	(73) Toshiba TEC Kabushiki Kaisha	(51) B41J 2/175
ZHANG, Xiaojin	(72) SHIMOSATO, Masashi	(11) EP2952352
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ZHENG, Yunjian	B41J 2/155	(73) Seiko Epson Corporation
(31) 201410121318	B41J 2/175	(72) Akahane, Fujio
(32) 28.03.2014	B41J 2/21	Kudo, Yasuyuki
(33) China	B41J 3/54	(31) 2014070160
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C09B 48/00	(11) EP2878455	Japan
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C09B 67/20	(47) 30.09.2020	Japan
C09B 67/46	(22) 18.11.2014	(51) B41J 2/175
C09D 17/00	(54) Tactile safety feature for valuable documents	(11) EP3250383
C09D 11/322	(73) Giesecke+Devrient Currency Technology GmbH	(21) EP15701814.4
C09D 11/326	(72) Zerbes, Jürgen	(47) 30.09.2020
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(22) 01.07.2015	B41J 19/14	(72) ROS CERRO, Francesc
(54) METHOD FOR MANUFACTURING COLORED PARTICLE DISPERSION	G06K 15/10	BAUTISTA PALACIOS, Marc
(73) Kao Corporation	(11) EP3162582	SOLE PONS, Macia
(72) MATSUMOTO, Yuuta	(21) EP16196229.5	GONGORA CANADA, Emilio Jose
(31) 2014138927	(47) 30.09.2020	(51) B41J 2/175
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(33) Japan	(54) PRINTING APPARATUS AND PRINTING METHOD	B41J 3/407
(51) B41J 2/045	(73) Seiko Epson Corporation	(11) EP3450179
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(47) 30.09.2020	(33) Japan	(54) DIRECT PRINTING MACHINE AND METHOD FOR PRINTING ON CONTAINERS BY MEANS OF DIRECT PRINTING
(87) GB2016051645	(51) B41J 2/155	(73) Kronos AG
08.12.2016	B41J 2/175	(72) Regensburger, Johannes
(22) 03.06.2016	(11) EP3335883	Hands Schuh, Eduard
(54) INKJET PRINTHEAD	(21) EP17206744.9	Wagner, Martin
(73) Xaar Technology Limited	(47) 30.09.2020	Gette, Viktor
(72) MCMULLEN, Robert Errol	(22) 12.12.2017	(31) 102017215475
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SYSTEM, DETERIORATION	SUCH A METHOD	ELECTRIC OIL PUMP
DIAGNOSIS METHOD, AND	(73) Volvo Lastvagnar AB	(73) AISIN SEIKI KABUSHIKI KAISHA
DETERIORATION DIAGNOSIS	(72) LE BRUSQ, Philippe	(72) HAZAMA, Shinichiro
PROGRAM	MOTTIER, Michel Lou	ISOGAI, Shinsuke
(73) Mitsubishi Electric Corporation	MILLET, Michael	YOKOI, Toshiyuki
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(54) ADAPTIVE BELT FOR IMPACT	WINDSCREEN WIPER FRAME AND A	(73) Robert Bosch GmbH
(73) Safran Seats USA LLC	PIEZOELECTRIC FILM	(72) Zhou, Wenguang
(72) JAFRI, Aamir, F.	(73) Valeo Systèmes d'Essuyage	Foitzik, Bertram
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DRIVER ASSISTANCE	PICOT, Philippe	(51) B60T 7/12
(73) Harman International Industries,	VIEILLE, Jordan	B60T 7/22
Incorporated	(31) 1659212	B60W 30/09
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WINDSHIELD WIPER SWEEP CYCLE	SAFETY DEVICE	ELECTRONIC PARKING BRAKE TO
(73) Rosemount Aerospace Inc.	(73) Alois Kober GmbH	AVOID A COLLISION
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WEBB, Matthew	ECKLE, Volker	(72) PARIKH, Sameer
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EAGLE, Glenn G.	N-(2-AMINOETHYL)-3-	EDER, Peter
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(73) Milwaukee Electric Tool Corporation	INCLUDING THE SAME	(51) H01M 4/02
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H01M 4/587	ELECTROCHEMICAL REACTION	AQUEOUS-ELECTROLYTE BATTERY,
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H01M 10/0567	ELECTROCHEMICAL REACTION	BATTERY USING THE SAME
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(72) Kubo, Kenji	IZUMI, Takao	BATTERY USING SAME
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**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.**

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(72) AMIYA, Mika	(72) Hansen, Jørn	(74) ir. M.F.J.M. Ketelaars c.s.
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ZUBER, Gerard	Wiegold, Rudolf	
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PETERS, Jacobus Peter Johannes	G01F 15/14	Etablissements Michelin
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CABLE	G01S 7/03	(72) SLOBODAN, Jared
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MOINGEON, Philippe	NETWORK	COMPONENTS (APCS)
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GUEGUEN, Claire	(72) Lim, Dong-Kwon	(72) JOHNSEN, Thor
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METHOD	(21) EP14741605.1	(72) DOCTER, Boudewijn
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(73) GUANGDONG OPPO MOBILE	(73) Nokia Solutions and Networks Oy	(72) TU, Chao-Cheng
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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) GE Lighting Solutions, LLC	(00) Change of owner(s) name	(73) Current Lighting Solutions, LLC
(73) Current Lighting Solutions, LLC	(71) Lumination, LLC	(11) EP2117283
(11) EP1718715	(73) Current Lighting Solutions, LLC	(00) 11.09.2020
(00) 11.09.2020	(11) EP1479286	(51) H05B 33/08
(51) C09K 11/64	(00) 11.09.2020	(00) Change of owner(s) name
C09K 11/71	(51) A01G 7/04	(71) Current Lighting Solutions, LLC
C09K 11/73	A01G 9/24	(73) Current Lighting Solutions, LLC
H01L 33/00	(00) Change of owner(s) name	(11) EP1711038
(00) Change of owner(s) name	(71) Current Lighting Solutions, LLC	(00) 11.09.2020
(71) Current Lighting Solutions, LLC	(73) Current Lighting Solutions, LLC	(51) H05B 33/08
(73) Current Lighting Solutions, LLC	(11) EP2589853	(00) Change of owner(s) name
(11) EP1479286	(00) 11.09.2020	(71) Current Lighting Solutions, LLC
(00) 11.09.2020	(51) F21V 3/02	(73) Current Lighting Solutions, LLC
(51) A01G 7/04	F21V 21/005	(11) EP3234454
A01G 9/24	F21V 23/02	(00) 11.09.2020
(00) Change of owner(s) name	F21V 23/06	(51) F21K 9/90
(71) GE Lighting Solutions, LLC	F21V 33/00	F21Y 105/10
(73) Current Lighting Solutions, LLC	G02B 6/00	F21Y 115/10
(11) EP1479286	F21Y 101/02	F21V 5/00
(00) 11.09.2020	F21S 2/00	(00) Change of owner(s) name
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A01G 9/24	(71) Current Lighting Solutions, LLC	(73) Current Lighting Solutions, LLC
(00) Change of owner(s) name	(73) Current Lighting Solutions, LLC	(11) EP2691699
(71) Current Lighting Solutions, LLC	(11) EP1735816	(00) 11.09.2020
(73) Current Lighting Solutions, LLC	(00) 11.09.2020	(51) F21V 15/01
(11) EP1781984	(51) C09K 11/59	F21V 31/00
(00) 11.09.2020	C09K 11/64	F21W 111/00
(51) H05K 1/02	C09K 11/70	F21W 111/02
H05K 3/28	(00) Change of owner(s) name	F21V 3/00
(00) Change of owner(s) name	(71) Current Lighting Solutions, LLC	F21K 99/00
(71) Denka Company Limited	(73) Current Lighting Solutions, LLC	F21Y 115/10
Sanyo Chemical Industries, Ltd.	(11) EP2547238	(00) Change of owner(s) name
(73) Sanyo Chemical Industries, Ltd.	(00) 11.09.2020	(71) Current Lighting Solutions, LLC
Denka Company Limited	(51) A47F 3/00	(73) Current Lighting Solutions, LLC
(11) EP1739167	(00) Change of owner(s) name	(11) EP3021037
(00) 16.09.2020	(71) Current Lighting Solutions, LLC	(00) 11.09.2020
(51) C12N 5/071	(73) Current Lighting Solutions, LLC	(51) F21S 4/28
(00) Merge	(11) EP1718715	F21Y 115/10
(71) Current Lighting Solutions, LLC	(00) 11.09.2020	(00) Change of owner(s) name
(73) Current Lighting Solutions, LLC	(51) C09K 11/64	(71) Current Lighting Solutions, LLC
(11) EP2707649	C09K 11/71	(73) Current Lighting Solutions, LLC
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(51) F21S 8/08	H01L 33/00	(00) 11.09.2020
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F21W 111/02	(71) Current Lighting Solutions, LLC	(00) Change of owner(s) name
F21W 131/103	(73) Current Lighting Solutions, LLC	(71) Van der Windt Verpakking B.V.
F21Y 103/10	(11) EP2850363	Container Systems BV
(00) Change of owner(s) name	(00) 11.09.2020	(73) Van der Windt Verpakking B.V.
(71) Current Lighting Solutions, LLC	(51) E04D 13/03	Container Systems BV
(73) Current Lighting Solutions, LLC	E06B 3/663	(11) 1042345
(11) EP2473005	F21S 8/02	(00) 16.09.2020
(00) 11.09.2020	F21S 19/00	(51) B65D 19/38
(51) H05B 33/08	F21V 8/00	A47B 87/02
(00) Change of owner(s) name	F21V 14/04	A47F 5/11
(71) GSE INTEGRATION	F21V 17/02	(00) Assignment
(73) GSE INTEGRATION	F21V 23/04	(71) Current Lighting Solutions, LLC
(11) EP2541162	F21V 33/00	(73) Current Lighting Solutions, LLC
(00) 07.08.2020	F21Y 113/10	(11) EP2839056
(51) F24J 2/52	F21Y 115/10	(00) 11.09.2020
H02S 20/23	(00) Change of owner(s) name	(51) C23C 26/00
	(71) Current Lighting Solutions, LLC	(00) Change of owner(s) name



(71) Container Systems BV	(71) Celularity Inc.	(00) Merge
(73) Container Systems BV	(73) Celularity Inc.	(71) Celularity Inc.
(11) 1042536	(11) EP1957633	(73) Celularity Inc.
(00) 16.09.2020	(00) 17.09.2020	(11) EP1349918
(51) B62B 3/00	(51) C12N 5/073	(00) 17.09.2020
(00) Assignment	(00) Assignment	(51) C12N 5/073
(71) Current Lighting Solutions, LLC	(71) Clarity Acquisition II LLC	C12N 5/0775
(73) Current Lighting Solutions, LLC	(73) Celularity Inc.	(00) Assignment
(11) EP2998638	(11) EP1957633	(71) Celularity Inc.
(00) 11.09.2020	(00) 17.09.2020	(73) Celularity Inc.
(51) F21V 3/02	(51) C12N 5/073	(11) EP2120977
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F21V 7/00	(71) Celularity Inc.	(51) A61K 35/44
G02B 19/00	(73) Celularity Inc.	A61K 35/50
F21K 9/27	(11) EP1367892	A61K 35/64
F21Y 103/10	(00) 17.09.2020	A61K 38/21
F21Y 115/10	(51) C12N 5/00	A61P 1/12
F21V 5/00	C12N 5/073	A61P 37/06
(00) Change of owner(s) name	(00) Assignment	(00) Assignment
(71) Container Systems BV	(71) Nieuwewei B.V.	(71) Clarity Acquisition II LLC
(73) Container Systems BV	(73) Nieuwewei B.V.	(73) Celularity Inc.
(11) 1042537	(11) 1036550	(11) EP1349918
(00) 16.09.2020	(00) 18.09.2020	(00) 17.09.2020
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(00) Assignment	E05D 15/58	C12N 5/0775
(71) Current Lighting Solutions, LLC	(00) Assignment	(00) Merge
(73) Current Lighting Solutions, LLC	(71) Clarity Acquisition II LLC	(71) BECKETT THERMAL SOLUTIONS S.R.L.
(11) EP2331865	(73) Celularity Inc.	(73) BECKETT THERMAL SOLUTIONS S.R.L.
(00) 11.09.2020	(11) EP1367892	(11) EP2083217
(51) F21V 5/04	(00) 17.09.2020	(00) 18.09.2020
F21V 5/08	(51) C12N 5/00	(51) F23D 14/10
F21V 13/02	C12N 5/073	(00) Change of owner(s) name
F21W 111/02	(00) Merge	(71) AspiAir GmbH
G02B 3/08	(71) Eric van der Blom	(73) AspiAir GmbH
G02B 5/02	(73) Eric van der Blom	(11) EP1599194
G02B 19/00	(11) 2004079	(00) 17.09.2020
G08G 1/095	(00) 18.09.2020	(51) A61K 31/60
F21Y 115/10	(51) F24D 17/00	A61P 31/12
F21V 5/00	(00) Assignment	(00) Assignment
(00) Change of owner(s) name	(71) Celularity Inc.	(71) Clarity Acquisition II LLC
(71) Current Lighting Solutions, LLC	(73) Celularity Inc.	(73) Celularity Inc.
(73) Current Lighting Solutions, LLC	(11) EP2331109	(11) EP1976977
(11) EP2689405	(00) 17.09.2020	(00) 17.09.2020
(00) 11.09.2020	(51) A61K 35/50	(51) A61K 38/21
(51) G06F 12/02	A61P 35/00	A61K 45/06
G08G 1/095	C12N 5/071	C12N 5/073
G09F 9/33	(00) Assignment	C12N 5/074
G09F 13/22	(71) Nieuwewei B.V.	A61K 35/12
H05B 33/08	(73) Nieuwewei B.V.	A61K 35/50
H05B 37/03	(11) 1041051	A61K 35/64
(00) Change of owner(s) name	(00) 18.09.2020	(00) Merge
(71) Valmet Technologies Oy	(51) E04B 1/82	(71) Sioen Industries NV
(73) Valmet Technologies Oy	E06B 5/20	(73) Sioen Industries NV
(11) EP2209872	(00) Assignment	(11) EP2001694
(00) 17.09.2020	(71) Hendricus Markman	(00) 17.09.2020
(51) C10B 49/10	(73) Eric van der Blom	(51) B60J 5/06
C10B 49/22	(11) 2004079	(00) Assignment
C10B 53/02	(00) 18.09.2020	(71) Clarity Acquisition II LLC
(00) Assignment	(51) F24D 17/00	(73) Celularity Inc.
(71) Ferrum Packaging AG	(00) Assignment	(11) EP2120977
(73) Ferrum Packaging AG	(71) Clarity Acquisition II LLC	(00) 17.09.2020
(11) EP3101324	(73) Celularity Inc.	(51) A61K 35/44
(00) 17.09.2020	(11) EP2331109	A61K 35/50
(51) F16B 7/06	(00) 17.09.2020	A61K 35/64
F16L 15/00	(51) A61K 35/50	A61K 38/21
F16L 15/08	A61P 35/00	
(00) Assignment	C12N 5/071	

A61P 1/12	(00) Assignment	A61B 5/00
A61P 37/06	(71) AspiAir GmbH	A61B 5/145
(00) Merge	(73) AspiAir GmbH	A61B 5/1459
(71) Celularity Inc.	(11) EP2249866	A61B 18/00
(73) Celularity Inc.	(00) 17.09.2020	A61B 18/02
(11) EP1976977	(51) A61K 9/12	A61B 18/14
(00) 17.09.2020	A61K 45/06	(00) Assignment
(51) A61K 38/21	A61P 31/16	(71) Celularity Inc.
A61K 45/06	(00) Assignment	(73) Celularity Inc.
C12N 5/073	(71) Clarity Acquisition II LLC	(11) EP2316918
C12N 5/074	(73) Celularity Inc.	(00) 17.09.2020
A61K 35/12	(11) EP2316918	(51) A61M 1/02
A61K 35/50	(00) 17.09.2020	C12N 5/0735
A61K 35/64	(51) A61M 1/02	A61K 35/50
(00) Assignment	C12N 5/0735	(00) Assignment
(71) Celularity Inc.	A61K 35/50	(71) Celularity Inc.
(73) Celularity Inc.	(00) Merge	(73) Celularity Inc.
(11) EP2203176	(71) Clarity Acquisition II LLC	(11) EP2529007
(00) 17.09.2020	(73) Celularity Inc.	(00) 17.09.2020
(51) A61K 35/50	(11) EP2203176	(51) C12N 5/074
A61P 35/00	(00) 17.09.2020	C12N 5/0775
(00) Assignment	(51) A61K 35/50	(00) Assignment
(71) Allergan Therapeutics LLC	A61P 35/00	(71) Clarity Acquisition II LLC
(73) Allergan Therapeutics LLC	(00) Merge	(73) Celularity Inc.
(11) EP2079445	(71) Celularity Inc.	(11) EP2556145
(00) 17.09.2020	(73) Celularity Inc.	(00) 17.09.2020
(51) A61K 9/16	(11) EP2556145	(51) A61K 9/00
A61K 9/48	(00) 17.09.2020	A61K 35/28
A61K 9/50	(51) A61K 9/00	A61L 27/36
A61K 38/46	A61K 35/28	A61L 27/38
A61P 1/18	A61L 27/36	A61P 9/10
(00) Assignment	A61L 27/38	C12N 5/073
(71) Clarity Acquisition II LLC	A61P 9/10	A61K 35/50
(73) Celularity Inc.	C12N 5/073	(00) Merge
(11) EP2316919	A61K 35/50	(71) BECKETT THERMAL SOLUTIONS
(00) 17.09.2020	(00) Assignment	S.R.L.
(51) A61M 1/02	(71) Clarity Acquisition II LLC	(73) BECKETT THERMAL SOLUTIONS
C12N 5/0735	(73) Celularity Inc.	S.R.L.
A61K 35/50	(11) EP2330889	(11) EP2663807
(00) Merge	(00) 17.09.2020	(00) 18.09.2020
(71) Clarity Acquisition II LLC	(51) A01N 1/02	(51) F23D 14/14
(73) Celularity Inc.	(00) Merge	F23D 14/58
(11) EP2217329	(71) Nieuwewei B.V.	F23D 14/74
(00) 17.09.2020	(73) Nieuwewei B.V.	(00) Change of owner(s) name
(51) A61K 38/18	(11) 1043001	(71) Celularity Inc.
A61P 43/00	(00) 18.09.2020	(73) Celularity Inc.
A61K 35/18	(51) E06B 3/28	(11) EP2968679
A61K 35/50	E06B 3/54	(00) 17.09.2020
A61K 35/51	E06B 5/20	(51) A61L 27/36
(00) Merge	(00) Assignment	A61L 27/38
(71) Celularity Inc.	(71) Denka Company Limited	(00) Assignment
(73) Celularity Inc.	(73) Denka Company Limited	(71) Clarity Acquisition II LLC
(11) EP2316919	(11) EP2799870	(73) Celularity Inc.
(00) 17.09.2020	(00) 18.09.2020	(11) EP2529007
(51) A61M 1/02	(51) G01N 33/53	(00) 17.09.2020
C12N 5/0735	G01N 33/543	(51) C12N 5/074
A61K 35/50	(00) Merge	C12N 5/0775
(00) Assignment	(71) The George Washington University	(00) Merge
(71) Celularity Inc.	460Medical, Inc.	(71) Celularity Inc.
(73) Celularity Inc.	(73) The George Washington University	(73) Celularity Inc.
(11) EP2217329	460Medical, Inc.	(11) EP2330889
(00) 17.09.2020	(11) EP2757933	(00) 17.09.2020
(51) A61K 38/18	(00) 17.09.2020	(51) A01N 1/02
A61P 43/00	(51) A61B 1/00	(00) Assignment
A61K 35/18	A61B 1/04	(71) BECKETT THERMAL SOLUTIONS
A61K 35/50	A61B 1/05	S.R.L.
A61K 35/51	A61B 1/06	

(73) BECKETT THERMAL SOLUTIONS S.R.L.	A61K 35/644
(11) EP3018408	(00) Merge
(00) 18.09.2020	(71) Centogene GmbH
(51) F23D 14/02	(73) Centogene GmbH
F23D 14/70	(11) EP2780716
(00) Change of owner(s) name	(00) 18.09.2020
(71) Celularity Inc.	(51) G01N 33/68
(73) Celularity Inc.	G01N 33/92
(11) EP2471903	(00) Change of Legal Entity
(00) 17.09.2020	(71) Corium, Inc.
(51) A61K 9/00	(73) Corium, Inc.
A61K 38/21	(11) EP2968119
A61K 45/06	(00) 17.09.2020
C12N 5/073	(51) A61K 9/00
C12N 5/074	A61M 37/00
A61K 35/12	(00) Change of owner(s) name
A61K 35/50	(71) European Molecular Biology Laboratory
A61K 35/644	(73) European Molecular Biology Laboratory
(00) Assignment	(11) EP2755765
(71) Clarity Acquisition II LLC	(00) 17.09.2020
(73) Celularity Inc.	(51) B01L 3/00
(11) EP2968679	(00) Change of owner(s) name
(00) 17.09.2020	(71) Cristalens Industrie
(51) A61L 27/36	(73) Cristalens Industrie
A61L 27/38	(11) EP2285427
(00) Merge	(00) 17.09.2020
(71) Ferrum Process Systems AG	(51) A61F 2/16
(73) Ferrum Process Systems AG	A61L 27/18
(11) EP2959977	A61L 27/50
(00) 17.09.2020	(00) Assignment
(51) B04B 3/02	(71) Cristalens Industrie
B04B 11/06	(73) Cristalens Industrie
(00) Assignment	(11) EP3110464
(71) Centogene GmbH	(00) 17.09.2020
(73) Centogene GmbH	(51) A61L 27/16
(11) EP2997384	A61L 27/50
(00) 18.09.2020	(00) Assignment
(51) G01N 33/92	
(00) Change of Legal Entity	
(71) BECKETT THERMAL SOLUTIONS S.R.L.	
(73) BECKETT THERMAL SOLUTIONS S.R.L.	
(11) EP3006826	
(00) 18.09.2020	
(51) F23D 14/02	
F23D 14/70	
(00) Change of owner(s) name	
(71) Centogene GmbH	
(73) Centogene GmbH	
(11) EP2718725	
(00) 18.09.2020	
(51) G01N 33/68	
G01N 33/92	
(00) Change of Legal Entity	
(71) Clarity Acquisition II LLC	
(73) Celularity Inc.	
(11) EP2471903	
(00) 17.09.2020	
(51) A61K 9/00	
A61K 38/21	
A61K 45/06	
C12N 5/073	
C12N 5/074	
A61K 35/12	
A61K 35/50	

**TVH**

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