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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), siège à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

Avis

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A	
a) for each request	\$10	
b) plus, for each patent or application to which the request relates	\$10	
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10	
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10	

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 mégaoctets qui excède 7 mégaoctets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After June 3, 2020

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1961*
For each additional sheet over 30	\$22
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 3 juin 2020

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1961 \$*
Pour chaque feuille au delà de 30	22 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

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Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

Preliminary Examination

5. Handling fee (Rule 57.2(a))	\$295
6. Preliminary examination fee (Rule 58)	\$800

* International fees will be reduced by:

- **\$295** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **\$442** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2a)	295 \$
6. Taxe d'examen préliminaire (Règle 58)	800 \$

* Les frais seront réduits de:

- **295 \$** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **442 \$** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as “the Offices”) have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term “firm” includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

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(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets et de l'alinéa 21d) du Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

The correspondence procedures and the related practice for written communications to the Commissioner of Patents and the Patent Office under the Patent Act and the Patent Rules is outlined in Chapter 2 of the Manual of Patent Office Practice (MOPOP).

Web Link for MOPOP:

http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/h_wr00720.html

The correspondence procedures and the related practice of written communications with respect to Trademarks and to Industrial Design can be found in the Practice Notice entitled *Correspondence Procedures*, available on CIPO's website.

CIPO Web Link for correspondence procedures pertaining to Trademarks and Industrial Design:

<https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr00633.html>

Publication date: May 10, 2017

Amendment date: June 17, 2019

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1. Physical Delivery of Correspondence and Written Communications to CIPO
2. Electronic Correspondence
3. Details Concerning the Electronic Formats Accepted
4. General Information
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14. Procédures de correspondance

Les procédures de correspondance et les pratiques connexes de communication écrite au commissaire aux brevets ou au Bureau des brevets en vertu de la Loi sur les brevets et des Règles sur les brevets seront exposées dans le chapitre 2 du Recueil des pratiques du Bureau des brevets (RPBB).

Lien Web pour le RPBB :

http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h_wr00720.html

Les procédures de correspondance et les pratiques connexes de communication écrite concernant les marques de commerce et les dessins industriels se trouvent dans le document intitulé *Procédures de correspondance*, consultable sur le site Web de l'OPIC.

Lien Web de l'OPIC pour les procédures de correspondance relatives aux marques de commerce et aux dessins industriels :
<https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/wr00633.html>

Date de publication : 10 mai 2017

Date de modification : 17 juin 2019

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1. Remise physique de correspondance et communications écrites à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
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5. Prorogation des délais
6. Procédures en cas de fermeture imprévue des bureaux de l'OPIC

Avis

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office
8. Intellectual Property Acts, Rules and Regulation

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office
8. Lois, règles et règlements sur la propriété intellectuelle

This notice is intended to clarify the practice of the Canadian Intellectual Property Office with respect to correspondence procedures and written communications and replaces all previous notices.

1. Physical Delivery of Correspondence and Written Communications to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, subsection 10(1) of the Trademarks Regulations, section 2 of the Copyright Regulations, section 4 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the Registrar of Trademarks, the Copyright Office, the Industrial Design Office, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

In accordance with subsections 5(2), 5(3), 54(1) and 54(2) of the Patent Rules, subsection 10(2) of the Trademarks Regulations, subsections 2(2) and (3) of the Copyright Regulations, subsection 5(1) of the Industrial Design Regulations and subsections 3(2) and (3) of the Integrated Circuit Topography Regulations, correspondence and written communications delivered to the above address between 8:30 a.m. to 4:30 p.m. (Eastern Time) Monday to Friday is deemed to have been received on the actual date of their delivery if they are delivered when CIPO is open to the public.

Correspondence delivered at a time when CIPO is closed to the public will be deemed or considered to have been received on the day on which CIPO is next open to the public.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted

Le présent énoncé de pratique a pour but de préciser la pratique de l'Office de la propriété intellectuelle du Canada relativement aux procédures de correspondance et de communications écrites et remplace tout avis antérieur.

1. Remise physique de correspondance et communications écrites à l'OPIC

Pour l'application des articles 5 et 54 des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, du Bureau des dessins industriels, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

Conformément aux paragraphes 5(2), 5(3), 54(1) et 54(2) des Règles sur les brevets, du paragraphe 10(2) du Règlement sur les marques de commerce, des paragraphes 2(2) et (3) du Règlement sur le droit d'auteur, du paragraphe 5(1) du Règlement sur les dessins industriels et des paragraphes 3(2) et (3) du Règlement sur les topographies de circuits intégrés, la correspondance et les communications écrites ayant été remises à l'adresse ci-dessus entre 8h30 et 16h30 (Heure de l'Est) du lundi au vendredi seront réputées avoir été reçues le jour de leur remise, si elles sont remises alors que l'OPIC est ouvert au public.

La correspondance remise lorsque les bureaux de l'OPIC sont fermés au public sera réputée avoir été reçue le jour de la réouverture de l'OPIC au public.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, celle-ci ne peut pas être retournée à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet qui ne rencontre pas les exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront renvoyés à l'expéditeur.

Le formulaire de paiements des frais devrait toujours être

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to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

fourni comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiement des frais](#).

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 10(1) of the Trademarks Regulations, subsection 2(4) of the Copyright Regulations, section 4 of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be delivered **in person**. Please note that documents, payments and payment instructions delivered to the addresses listed below **must be enclosed in a sealed envelope** and that **no in person payment transactions** are processed on site. The ordinary business hours for each designated establishment are listed below.

- Innovation, Science and Economic Development Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 343-291-3436

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,
except statutory holidays

- Innovation, Science and Economic Development Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,
except statutory holidays

- Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,

1.1 Établissements désignés

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise **en personne** aux établissements ou bureaux désignés suivants. Veuillez prendre note que les documents, paiements et instructions de paiements remis aux adresses énumérées ci-dessous doivent être **inclus dans une enveloppe scellée et qu'aucune transaction de paiement en personne** n'est traitée sur place. Les heures normales d'ouverture pour chaque établissement désigné sont indiquées ci-dessous.

- Innovation, Sciences et Développement économique Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 343-291-3436

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à

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except statutory holiday	l'exception des jours fériés
<ul style="list-style-type: none">Innovation, Science and Economic Development Canada Canada Place 9700 Jasper Avenue, Suite 725 Edmonton AB T5J 4C3 Tel.: 780-495-4782 Toll-free: 1-800-461-2646	<ul style="list-style-type: none">Innovation, Sciences et Développement économique Canada Canada Place 9700, avenue Jasper, pièce 725 Edmonton (Alberta) T5J 4C3 Tél. : 780-495-4782 Sans frais : 1-800-461-2646
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays	8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés
<ul style="list-style-type: none">Innovation, Science and Economic Development Canada Library Square 300 West Georgia Street, Suite 2000 Vancouver BC V6B 6E1 Tel.: 604-666-5000	<ul style="list-style-type: none">Innovation, Sciences et Développement économique Canada Library Square 300, rue Georgia Ouest, pièce 2000 Vancouver (C.-B.) V6B 6E1 Tél. : 604-666-5000
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays	8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

In accordance with subsections 5(4), 5(5), 54(3) and 54(4) of the Patent Rules, subsection 10(3) of the Trademarks Regulations, subsections 2(4) and (5) of the Copyright Regulations, subsection 5(2) of the Industrial Design Regulations and subsections 3(4) and (5) of the Integrated Circuit Topography Regulations, correspondence delivered to a designated establishment on a day when CIPO is open to the public will be deemed or considered to be received on the day on which they are delivered to that designated establishment. If CIPO is closed to the public, correspondence will be deemed or considered to be received on the day on which CIPO is next open to the public. For example, if correspondence intended for CIPO is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as CIPO is closed on that day (St-Jean-Baptiste Holiday in Quebec). It will be deemed received on the day on which CIPO is next open to the public.

Conformément aux paragraphes 5(4), 5(5), 54(3) et 54(4) des Règles sur les brevets, au paragraphe 10(3) du Règlement sur les marques de commerce, aux paragraphes 2(4) et (5) du Règlement sur le droit d'auteur, au paragraphe 5(2) du Règlement sur les dessins industriels et aux paragraphes 3(4) et (5) du Règlement sur les topographies de circuits intégrés, la correspondance remise à l'un des établissements désignés susmentionnés lorsque les bureaux de l'OPIC sont ouverts au public sera réputée ou considérée avoir été reçue le jour de leur remise à cet établissement désigné. Si les bureaux de l'OPIC sont fermés au public, la correspondance sera réputée ou considérée avoir été reçue à le jour de la réouverture de l'OPIC au public. Par exemple, la correspondance adressée à l'OPIC remise à l'établissement désigné de Toronto le 24 juin ne sera pas considérée avoir été reçue le 24 juin puisque les bureaux de l'OPIC sont fermés ce jour-là (la Saint-Jean Baptiste est un jour férié au Québec). La correspondance sera alors réputée avoir été reçue le jour de la réouverture des bureaux de l'OPIC au public.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont des établissements ou des

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correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

For the purposes of section 8.1 of the Patent Act, subsection 64(1) of the Trademarks Act, subsection 24.1(1) of the Industrial Design Act and in accordance with subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 10(4) of the Trademarks Regulations, subsection 2(6) of the Copyright Regulations, subsection 10(3) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 10(5) of the Trademarks Regulations specifies certain categories of correspondence to which the provisions of subsection 10(4) do not apply.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered to the Commissioner of Patents by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is

bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise.

L'OPIC considère que la correspondance remise par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation de Postes Canada, en autant que l'OPIC soit ouvert au public ce jour-là. Si l'OPIC est fermé au public ce jour-là, la correspondance sera réputée ou considérée avoir été reçue le jour de réouverture de l'OPIC au public.

2. Correspondance électronique

Pour l'application de l'article 8.1 de la Loi sur les brevets, du paragraphe 64(1) de la Loi sur les marques de commerce, du paragraphe 24.1(1) de la Loi sur les dessins industriels, et conformément aux paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, au paragraphe 10(4) du Règlement sur les marques de commerce, au paragraphe 2(6) du Règlement sur le droit d'auteur, au paragraphe 10(3) du Règlement sur les dessins industriels et au paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être transmise par télécopieur, en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent énoncé.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 10(5) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 10(4) ne s'appliquent pas.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies constitue une version originale. Par conséquent, un duplicata sur support papier ne devrait pas être expédié.

La correspondance livrée au commissaire aux brevets et reçue par voie électronique, y compris par télécopieur, est considérée comme ayant été reçue à l'OPIC le jour même de sa transmission, si elle est livrée avant minuit, heure locale,

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open for business.

Correspondence delivered to the Registrar of Trademarks or the Industrial Design Office by electronic means of transmission, including facsimile, is deemed to have been received on the day on which CIPO receives it (Eastern Time).

2.1 Facsimile

Black and white facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent to the following facsimile numbers:

(819) 953-CIPO (2476) or (819) 953-OPIC (6742)

Colour facsimile correspondence addressed to the Registrar of Trademarks or the Industrial Design Office **must** be sent to the following facsimile number:

(819) 934-3833

Note that the model of facsimile is a Xerox C505/X and that this information may be needed to ensure a successful colour transmission.

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment, will be considered not to have been received.

Evidence submitted by facsimile in respect of an opposition or section 45 proceeding **will not be accepted** due to issues such as the often-poor quality of transmission, the risk of incomplete transmission and the voluminous nature of the documents.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting by facsimile a document that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

lorsque les bureaux de l'OPIC sont ouverts au public. Si elle est transmise un jour où les bureaux de l'OPIC sont fermés au public, elle est considérée comme ayant été reçue à la date du jour d'ouverture suivant de l'OPIC.

La correspondance fournie au registraire des marques de commerce ou transmise au Bureau des dessins industriels par voie électronique, y compris par télécopieur, est réputée avoir été reçue le jour où l'OPIC l'a reçue (Heure de l'Est).

2.1 Correspondance par télécopieur

La correspondance en noir et blanc par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (6742) ou 819-953-CIPO (2476)

La correspondance en couleur par télécopieur (modèle : Xerox C505/X) adressée au registraire des marques de commerce ou au Bureau des dessins industriels doit être transmise au numéro ci-dessous :

(819) 934-3833

À noter que le modèle de télécopieur est un Xerox C505/X; information qui peut être nécessaire afin de compléter une transmission en couleur.

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements désignés, sera considérée comme n'ayant pas été reçue.

Les éléments de preuve présentés par télécopieur dans le cadre d'une procédure d'opposition ou de radiation en vertu de l'article 45 de la Loi **ne seront pas acceptés** en raison des inconvenients reliés à la mauvaise qualité de la transmission, au risque que la transmission soit incomplète et à la nature volumineuse de ces documents.

Le rapport de transmission électronique que vous recevrez après votre transmission par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'une interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Lors de la transmission par télécopieur d'un document comprenant une demande d'acquittement de droit ou taxe, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements des frais afin d'assurer un traitement rapide.

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Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe or ePCT);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register of patent agents](#); and
- [ordering copies in paper, or electronic form of a document](#).

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called [PCT E-Filing](#).

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a [designated establishment](#).

Trademarks

For the purpose of subsection 10(4) of the Trademarks Regulations, the following correspondence addressed to the Registrar of Trademarks may be sent electronically by

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Pour l'application du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment en accédant aux pages suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe ou ePCT);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé [Dépôt en ligne de demandes PCT](#).

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un [établissement désigné](#).

Marques de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment en accédant aux pages suivantes

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accessing the following pages:

- [filing a new or revised trademark application;](#)
- [renewal of a trademark registration;](#)
- [request to enter a name on the list of trademark agents;](#)
- [annual renewal of a trademark agent;](#)
- [requesting copies of trademark documents;](#)
- [registration of a trademark application;](#)

- [nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;](#)
- [renouvellement de l'enregistrement d'une marque de commerce;](#)
- [demande d'inscription d'un nom à la liste des agents de marques de commerce;](#)
- [renouvellement annuel d'un agent de marques de commerce;](#)
- [commande de copies de documents de marques de commerce,](#)
- [l'enregistrement d'une marque de commerce](#)

For the purpose of subsection 10(4) of the Trademarks Regulations, correspondence addressed to the Registrar of Trademarks in the context of opposition and section 45 proceedings may be sent electronically by accessing the [Trademarks Opposition Board's online web application](#):

Opposition proceedings before the Trademarks Opposition Board

- filing a statement of opposition;
- filing of a counter statement;
- submission of the opponent's evidence, or statement;
- submission of the applicant's evidence, or statement;
- submission of the opponent's reply evidence;
- submission of the opponent's written representations, or statement;
- submission of the applicant's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

Section 45 proceedings before the Trademarks Opposition Board

- filing a request for a section 45 notice;
- submission of the registered owner's evidence;
- submission of the requesting party's written representations, or statement;
- submission of the registered owner's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce dans le cadre des procédures d'opposition ou de radiation en vertu de l'article 45 peut être envoyée par voie électronique en accédant à l'[application web en ligne de la Commission des oppositions des marques de commerce](#).

Procédures d'opposition devant la Commission des oppositions des marques de commerce

- production d'une déclaration d'opposition;
- Production d'une contre-déclaration d'opposition;
- Production de la preuve de l'opposant, ou d'une déclaration;
- Production de la preuve du requérant, ou d'une déclaration;
- Production de la contre-preuve de l'opposant;
- Production des arguments écrits de l'opposant, ou déclarations;
- Soumission des arguments écrits du requérant, ou déclarations;
- Produire une demande pour une audience; et
- demande de prolongation de délai.

Procédures en vertu de l'article 45 devant la Commission des oppositions des marques de commerce

- Production d'une demande pour un avis en vertu de l'article 45;
- Production de la preuve du propriétaire inscrit;
- Production des arguments écrits de la demanderesse, ou déclaration;
- Production des arguments écrits du propriétaire inscrit, ou déclaration;
- Produire une demande pour une audience; et
- Demande de prolongation de délai.

Copyright

Droits d'auteur

Notices

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- [application for registration of a copyright in a work](#);
- [application for registration of a copyright in a performer's performance, sound recording or a communication signal](#);
- [filing a grant of interest](#);
- [request for certificate of correction](#);
- [ordering copies in paper, or electronic form of a document](#); and
- [general correspondence relating to copyright](#).

Pour l'application du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une œuvre](#),
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication](#);
- [dépôt d'une concession d'intérêt](#);
- [demande de certificat de correction](#);
- [commande de copies des documents papier ou électroniques](#) et
- [correspondance générale relative aux droits d'auteur](#).

Industrial Designs

For the purpose of subsection 24.1(1) of the Industrial Design Act, the following correspondence addressed to the Industrial Design Office may be sent electronically, by accessing the following pages:

- [application for registration of an industrial design](#);
- [ordering copies in paper, or electronic form of a document](#);
- [general correspondence relating to industrial designs](#); and
- [payment of industrial design maintenance fees](#).

Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au Bureau des dessins industriels peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- [demande d'enregistrement d'un dessin industriel](#);
- [commande de copies de documents papier ou électroniques](#);
- [correspondance générale relative aux dessins industriels](#); et
- [paiement des droits de maintien des dessins industriels](#).

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- [general correspondence relating to integrated circuit topographies](#).

Topographies de circuits intégrés

Pour l'application du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#).

2.3 Electronic medium

Note : all electronic media must be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

2.3 Supports électroniques

Note : Les supports électroniques doivent être exempts de ver informatique, de virus, ou de tout autre contenu malveillant. Les fichiers qui comprennent du contenu malveillant seront supprimés.

Brevets

Avis

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrédition du requérant :

- i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
- ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

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the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

Trademarks and Industrial Design

The Office of the Registrar of Trademarks and the Industrial Design Office will accept the following types of electronic media: CD-ROM, CD-R, DVD, DVD-R, and USB stick.

3. Details Concerning the Electronic Formats Accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically site using the relevant links set out in [section 2.2](#) of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stelligent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Marques de commerce et dessins industriels

Le Bureau du registraire des marques de commerce et le Bureau des dessins industriels acceptent les supports électroniques suivants : CD ROM, CD-R, DVD, DVD-R, et clé USB.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à [l'article 2.2](#) des présentes procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stelligent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

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Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Trademarks

For the purposes of subsection 64(1) of the Trademarks Act, the acceptable file formats for documents submitted electronically using the relevant links set out in [section 2.2](#) of these correspondence procedures are: PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP and Doc.

Industrial Design

For the purposes of subsection 24.1(1) of the Industrial Design Act, the acceptable file formats for documents, other than a representation of a design, submitted electronically are WPD, DOC, DOCX and PDF. The acceptable file formats for the representation of a design are PDF, JPEG, TIFF and GIF. The file size limit is of 60MB for PDF, 10MB for the other file formats. The scanned/stored images should be of a resolution of at least 300 dpi and the dimensions must be of 21.59 cm by 27.94 cm (8.5 in by 11 in).

Note that the conversion of files to an acceptable format may result in a change to the quality of the drawings.

Marques de commerce

Pour l'application du paragraphe 64(1) de la Loi sur les marques de commerce, les formats de fichiers acceptables pour les documents fournis par un moyen électronique énoncé à la [section 2.2](#) des présentes procédures de correspondance sont : PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP et Doc.

Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, les formats de fichiers acceptables pour les documents autres que la représentation d'un dessin, transmis par voie électronique sont : WPD, DOC, DOCX, PDF. Les formats de fichiers acceptables pour la représentation d'un dessin sont PDF, JPEG, TIFF, et GIF. La taille maximale est de 60MB pour le format PDF et de 10MB pour tout autre format. L'image numérisée/stockée devrait être dans une résolution d'au moins 300 dpi et les dimensions doivent être de 21,59 cm par 27,94 cm (8,5 po par 11po)

Veuillez noter que la conversion de fichiers vers un format acceptable pourrait résulter en un changement à la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

5. Time Period Extensions

- [Time period extensions under the Patent, Trademarks and Industrial Design Acts](#)
- [Time period extensions under the Copyright and Integrated Circuit Topography Acts](#)
- [Time period extensions under the Patent Cooperation Treaty](#)
- [Time period extensions under the Madrid Protocol and the Hague Agreement](#)

Time period extensions under the Patent, Trademarks and Industrial Design Acts

For the purposes of subsection 78(1) of the Patent Act, subsection 66(1) of the Trademarks Act, and subsection 21(1) of the Industrial Design Act, any time period fixed under those Acts and ending on 1) a **prescribed day** set out in the list below or 2) a **designated day** on account of unforeseen circumstances, will be extended to the next day that is not a prescribed day or a designated day and where CIPO is open to the public.

Designated days are those days that are designated by the Commissioner, the Registrar, or the Minister, on account of unforeseen circumstances and if they are satisfied that it is in the public interest to do so. If a day is designated, the public will be informed of that fact on CIPO's website.

Prescribed days under the Patent Act, Trademarks Act and Industrial Design Act are as follows:

- Every Saturday and Sunday;
- New Year's Day (January 1)*;
- Good Friday;
- Easter Monday;
- Victoria Day: First Monday immediately preceding May 25;
- St. Jean Baptiste Day (June 24)*;
- Canada Day (July 1)*;
- The first Monday in August;***
- Labour Day: First Monday in September;
- Thanksgiving Day: Second Monday in October;

4. Renseignements généraux

Des renseignements généraux peuvent être obtenus en communiquant avec [le Centre de services à la clientèle de l'OPIC](#).

5. Prorogation des délais

- [Prorogation des délais en vertu des les Lois sur les brevets, les marques de commerce, et les dessins industriels](#)
- [Prorogation des délais en vertu des les Lois sur le droit d'auteur et les topographies de circuits intégrés](#)
- [Prorogation des délais en vertu du le Traité de coopération en matière de brevets](#)
- [Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye](#)

Prorogation des délais prévus par les Lois sur les brevets, les marques de commerce, et les dessins industriels

Pour l'application du paragraphe 78(1) de la Loi sur les brevets, du paragraphe 66(1) de la Loi sur les marques de commerce, et du paragraphe 21(1) de la Loi sur les dessins industriels, tout délai fixé sous le régime de ces lois et qui expire 1) un **jour prescrit ou règlementaire** tel qu'indiqué dans la liste ci-dessous, ou 2) un **jour désigné** en raison de circonstances imprévues, sera prorogé jusqu'au jour suivant qui n'est ni un jour prescrit ni un jour désigné et où l'OPIC est ouvert au public.

Les **jours désignés** sont les jours désignés par le commissaire, le registraire, ou le ministre, où, en raison de circonstances imprévues, s'il est dans l'intérêt public de le faire. Si un jour est désigné, le public en sera informé sur le site web de l'OPIC.

Les **jours prescrits ou règlementaires** en vertu de la Loi sur les brevets, de la Loi sur les marques de commerce et de la Loi sur les dessins industriels sont les suivants :

- Tous les samedis et dimanches;
- Nouvel An (1^{er} janvier)*;
- Vendredi Saint;
- Lundi de Pâques;
- Fête de la Reine ou Journée nationale des patriotes : Premier lundi immédiatement avant le 25 mai;
- Saint-Jean-Baptiste (24 juin)*;
- Fête du Canada (1^{er} juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;

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- Remembrance Day (November 11)*;
- Christmas Day (December 25)**;
- Boxing Day (December 26)** ;
- Any day on which CIPO is closed to the public for all or part of that day during ordinary business hours.

*In the case of New Year's Day, St. Jean Baptiste Day, Canada Day and Remembrance Day, if the day falls on a Saturday or Sunday, deadlines will be extended to the following Tuesday.

**If December 25 falls on a Friday, deadlines will be extended to the following Tuesday. If December 25 falls on a Saturday or Sunday, any time periods ending on December 25 or December 26 will be extended to the following Wednesday.

***Please note that the Office is open to the public on the first Monday in August. Any time period which expires on that day will be extended to the next day the Office is open to the public (first Tuesday in August). However, any correspondence or fees submitted to the Office on that day will be deemed or considered received on that day.

Extensions for prescribed days occur regardless of place of residence or of the establishment to which documents are delivered.

Please be aware that not all provincial and territorial holidays are days where deadlines are extended. It is recommended that clients be mindful and ensure that all deadlines are respected.

- Action de Grâce : Deuxième lundi du mois d'octobre;
- Jour du Souvenir (11 novembre)*;
- Jour de Noël (25 décembre)**;
- Lendemain de Noël** ;
- Tout jour où l'OPIC est fermé au public pendant tout ou une partie des heures normales d'ouverture de l'OPIC au public.

*Si le Nouvel An, la Saint-Jean-Baptiste, la Fête du Canada, ou le Jour du Souvenir est un samedi ou un dimanche, les délais seront prorogés au mardi suivant.

**Si le 25 décembre est un vendredi, les délais seront prorogés au mardi suivant. Si le 25 décembre est un samedi ou un dimanche, les délais seront prorogés au mercredi suivant.

***Veuillez noter que les Bureaux sont ouverts au public le premier lundi du mois d'août. Tout délai qui expire ce jour-là sera prorogé au prochain jour ouvrable (premier mardi du mois d'août). Cependant, toute correspondance, droits ou taxes fournis au Bureau ce jour-là seront réputés ou considérés avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou réglementaires s'appliquent nonobstant du lieu de résidence ou du lieu de l'établissement auquel les documents ont été remis.

Veuillez noter que ce ne sont pas tous les jours fériés provinciaux ou territoriaux qui sont des jours prescrits ou réglementaires pour lesquels un délai peut être prorogé. Il est recommandé que les clients soient attentifs et s'assurent que tout délai soit respecté.

Time period extensions under the Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to CIPO or a designated establishment (including the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly,

Prorogation des délais prévus par les Lois sur le droit d'auteur et sur les topographies de circuits

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à l'OPIC ou à un établissement désigné (y compris un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé^{MC}, ou par Xpresspost^{MC} de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi relativement aux établissements auxquels des documents sont

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where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Time period extensions under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

- i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;
- ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
- iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
- iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

Time period extensions under the Madrid Protocol and the Hague Agreement

If a period within which a communication must be received by the International Bureau of the World Intellectual Property Office would expire on a day on which the International

livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Prolongations de délais prévus au Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

- i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
- ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
- iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
- iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Si un délai à l'intérieur duquel une communication doit être reçue par le Bureau international de l'Organisation mondiale de propriété intellectuelle expire un jour où le Bureau international n'est pas ouvert au public, le délai expirera lors du

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Bureau is not open to the public, it will expire on the next subsequent day on which the International Bureau is open. Likewise, if the period within which a communication (such as a notification of refusal of protection) must be sent by CIPO to the International Bureau would expire on a day on which CIPO is not open to the public, it will expire on the next subsequent day on which CIPO is open.

A list of the days on which the International Bureau is closed to the public during the current and the following calendar year is available on the [WIPO website](#).

6. Procedures in Case of an Unexpected Office Closure at CIPO

In case of unforeseen circumstances, CIPO will attempt to remain open to the public and ensure that essential service to our clients continues with the least possible disruption or delay.

In accordance with paragraph 27.01(n) of the Patent Rules, paragraph 15(n) of the Trademarks Regulations and paragraph 36(n) of the Industrial Design Regulations, whenever CIPO is closed to the public, for all or part of a day during ordinary business hours, including closures due to extraordinary circumstances, time periods will be extended to the next day that is not a prescribed or a designated day and where CIPO is open to the public.

For Copyright and Integrated Circuit Topography, if CIPO is closed to the public due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open to the public. In such situations, mail delivered to CIPO or to designated establishments will be considered to be received on the date that CIPO re-opens to the public, with the exception of correspondence addressed to the Registrar of Topographies.

In view of the date-sensitive nature of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information with respect to [service interruptions](#) on our website as it becomes available and as circumstances permit.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or to use electronic means using the relevant links set out in [section 2.2](#) of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476). Date-sensitive material requiring fee

premier jour suivant où le Bureau international est ouvert au public. Similairement, si un délai à l'intérieur duquel une communication (tel qu'une notification de refus de la protection) doit être envoyée par l'OPIC au Bureau international expire un jour où les bureaux de l'OPIC sont fermés au public, ce délai expirera lors du premier jour suivant la réouverture de l'OPIC.

Une liste des jours pendant lesquels le Bureau international est fermé au public pendant l'année civile en cours et à venir est disponible [sur le site web de l'OMPI](#).

6. Procédures en cas de fermeture des bureaux

Lors de circonstances imprévues, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Conformément à l'alinéa 27.01n) des Règles sur les Brevets, l'alinéa 15n) du Règlement sur les marques de commerce et de l'alinéa 36n) du Règlement sur les dessins industriels, lorsque les bureaux de l'OPIC sont fermés au public pendant toute ou une partie des heures normales d'ouverture, y compris une fermeture en raison de circonstances extraordinaires, les délais seront prorogés au jour suivant qui ne sera pas un jour prescrit ou un jour désigné et où l'OPIC est ouvert au public .

Pour les droits d'auteur et les topographies de circuits intégrés, si les bureaux de l'OPIC sont fermés au public en raison de circonstances extraordinaires, l'OPIC considère que tous les délais sont prorogés au prochain jour d'ouverture au public. Dans de telles circonstances, le courrier livré à l'OPIC ou à des établissements désignés sera considéré avoir été reçu à la date du jour de la réouverture de l'OPIC au public, à l'exception de la correspondance adressée au registraire des topographies.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

En situation d'urgence, les systèmes d'information et de recherche resteront, dans la mesure du possible, accessibles à partir de notre site Web. Toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En situation d'urgence, l'OPIC va publier les renseignements nécessaires sur notre [page d'interruptions des services](#), lorsque ceux-ci seront disponibles et les circonstances le permettront.

Les clients sont **fortement encouragés** de faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^{MC}, par Xpresspost^{MC} ou par voie électronique en utilisant les liens spécifiés à [l'article 2.2](#) des présentes procédures de correspondance. Il est toujours

Notices

payment that is sent by fax must be accompanied by a VISA™, MasterCard™, or American Express™ credit card number, or CIPO deposit account number.

Please note that there may also be instances in which the designated offices may be temporarily closed, yet CIPO remains open to the public. In such situations, it remains **the responsibility of CIPO's clients** to ensure that all deadlines are respected.

possible de transmettre par télécopieur des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des droits ou taxes sont exigés, qui sont envoyés par télécopieur, doivent être accompagnés d'un numéro de carte VISA^{MC}, Mastercard^{MC} ou American Express^{MC} ou d'un numéro de compte de dépôt à l'OPIC.

Veuillez noter qu'il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, **les clients de l'OPIC demeurent responsables** du respect de tous les échéanciers.

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open to the public but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trademarks Act and Regulations allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. In order for a retroactive extension of time to be granted, the Registrar of Trademarks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee is required in certain cases.

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif en rapport aux types de propriété intellectuelle mentionnés ci-haut ne donne pas à l'OPIC la flexibilité de proroger les délais lorsque l'Office est ouvert au public, mais les clients sont dans l'impossibilité de communiquer avec le l'Office.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prolongation rétroactive lorsqu'un délai n'a pas été respecté en raison d'un cas de force majeure. Pour qu'une prolongation de délai rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit est exigé dans certains cas.

8. Intellectual property acts, rules and regulations

- [Copyright Act](#)
- [Copyright Regulations](#)
- [Industrial Design Act](#)
- [Industrial Design Regulations](#)
- [Integrated Circuit Topography Act](#)
- [Integrated Circuit Topography Regulations](#)
- [Interpretation Act](#)
- [Patent Act](#)

8. Lois, règles et règlements sur la propriété intellectuelle

- [Loi sur le droit d'auteur](#)
- [Règlement sur le droit d'auteur](#)
- [Loi sur les dessins industriels](#)
- [Règlement sur les dessins industriels](#)
- [Loi sur les topographies de circuits intégrés](#)
- [Règlement sur les topographies de circuits intégrés](#)
- [Loi d'interprétation](#)
- [Loi sur les brevets](#)
- [Règles sur les brevets](#)

Avis

- [Patent Rules](#)
- [Regulations under the PCT](#)
- [Trademarks Act](#)
- [Trademarks Regulations](#)

- [Règlement d'exécution du PCT](#)
- [Loi sur les marques de commerce](#)
- [Règlement sur les marques de commerce](#)

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of February 6, 2024 contains applications open to public inspection from January 21, 2024 to January 27, 2024.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 6 février 2024 contient les demandes disponibles au public pour consultation pour la période du 21 janvier 2024 au 27 janvier 2024.

Canadian Patents Issued

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[54] AUTORISATION DE TRANSACTION A HAUT RISQUE DE FRAUDE
[72] SALAMA, HISHAM, US
[72] VAN HEERDEN, LAUREN, US
[72] SUNDBERG, IAN, US
[72] KANNAN, ANAND, CA
[72] DEL VECCHIO, ORIN, CA
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[54] TRANSGENIC PLANTS COMPRISING APOLIPOPROTEIN A-I MIMETIC PEPTIDES FOR MODULATING DISEASE
[54] PLANTES TRANSGENIQUES COMPRENANT DES PEPTIDES MIMETIQUES DE L'APOLIPOPROTEINE A-I POUR LA MODULATION DE MALADIES
[72] FOGELMAN, ALAN M., US
[72] REDDY, SRINIVASA T., US
[72] NAVAB, MOHAMAD, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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COMPUTER-READABLE MEDIA
FOR DETERMINING OUTCOMES
FOR PROGRAM PROMOTIONS

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PROGRAMME

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[72] MARCUS, CLAUDIO, US

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[54] SYSTEMS, METHODS AND
COMPUTER-READABLE MEDIA
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WITHIN A MEDIA NETWORK

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SUPPORTS LISIBLES PAR
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RESEAU MULTIMEDIA

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MONITORING THE STATUS OF
CANCER

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DE SURVEILLANCE DE L'ETAT
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PRODUCING SCORED MEDIUMS,
AND ARTICLES AND
COMPOSITIONS RESULTING
THERE FROM

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PRODUIRE DES SUPPORTS
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COMPOSITIONS EN RESULTANT

[72] GREENFIELD, GILES, US

[73] PACKAGING ACQUISITIONS I, LLC,
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WITH INTEGRAL RFI
PROTECTION

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[54] POPULATIONS D'ENDOPHYTES PROVENANT DE SEMENCES, COMPOSITIONS ET PROCEDES D'UTILISATION

[72] VON MALTZAHN, GEOFFREY, US

[72] FLAVELL, RICHARD, US

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[54] EVALUATION D'URGENCE GLYCEMIQUE ET INTERFACE D'ALERTE
[72] RACK-GOMER, ANNA LEIGH, US
[72] HAMPAPURAM, HARI, US
[72] KAMATH, APURV ULLAS, US
[72] REIHMAN, ELI, US
[72] BOWMAN, LEIF N., US
[72] GARCIA, ARTURO, US
[72] BHAVARAJU, NAresh C., US
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[72] JOURNIGAN, TERRI, US
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[54] ANTICORPS CONTRE LE DOMAINE EXTRACELLULAIRE DE MUC1-C (MUC1-C/ECD)
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[72] KHARBANDA, SURENDER, US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
[73] XYONE THERAPEUTICS, INC., US
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[72] SOEDER, DEREK A., US
[72] WOLFF, MATTHEW, US
[73] CYLANCE INC., US
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 - [54] **TRANSMISSIONS EN LIAISON MONTANTE DANS DES COMMUNICATIONS SANS FIL**
 - [72] PELLETIER, GHYSLAIN, CA
 - [72] MARINIER, PAUL, CA
 - [72] TOOHER, J. PATRICK, CA
 - [72] COMSA, VIRGIL, CA
 - [72] PANI, DIANA, CA
 - [72] TERRY, STEPHEN E., US
 - [73] INTERDIGITAL PATENT HOLDINGS, INC., US
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- [54] **SURVEILLANCE D'UN ETAT INFLAMMATOIRE**
- [72] PAREKH, GITA, GB
- [72] DAVIS, PAUL, GB
- [73] MOLOGIC LIMITED, GB
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 - [54] **MASQUAGE D'INFORMATION AU MOYEN D'UNE AUTORITE DE CERTIFICAT**
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 - [72] CHOW, ARTHUR CARROLL, CA
 - [72] CHAN, PAUL MON-WAH, CA
 - [72] LEE, JOHN JONG SUK, CA
 - [72] TAO, LINDA, CA
 - [73] THE TORONTO-DOMINION BANK, CA
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- [25] EN
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- [54] **COMPOSITIONS DE REVETEMENT PROTECTEUR TEXTURE, ANTIDERAPANT, DESTINEES AUX SURFACES DE VEHICULE**
- [72] MANKA, JULIE, US
- [73] SWIMC LLC, US
- [86] (2945715)
- [87] (2945715)
- [22] 2016-10-18
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 - [54] **CERTAINS TRIACYGLYCEROLS COMME DEPRESSEURS DE CRISTALLISATION**
 - [72] NARINE, SURESH, CA
 - [72] BOUZIDI, LAZIZ, CA
 - [72] MOHANAN, ATHIRA, CA
 - [73] TRENT UNIVERSITY, CA
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 - [25] EN
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 - [54] **PROCEDE DE RECUPERATION DE METAUX A PARTIR DE SUBSTANCES SECONDAIRES ET D'AUTRES MATERIAUX COMPRENANT DES COMPOSANTS ORGANIQUES**
 - [72] AYHAN, MEHMET, DE
 - [72] ESCHEN, MARCUS, DE
 - [73] AURUBIS AG, DE
 - [85] 2016-11-29
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- [72] RYAN, JOHN WILLIAM, AU
- [73] AUSPLOW PTY. LTD., AU
- [86] (2950723)
- [87] (2950723)
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[25] EN
[54] **BIOCOMPATIBLE MATERIAL IN GRANULES MADE OF METAL MATERIAL OR METAL ALLOYS AND USE OF SAID GRANULES FOR VERTEBROPLASTY**
[54] **MATERIAU BIOCOMPATIBLE EN GRANULES FAITS D'UN MATERIAU METALLIQUE OU D'ALLIAGES DE METAUX ET UTILISATION DESDITS GRANULES POUR VERTEBROPLASTIE**
[72] FRANCaviglia, Natale, IT
[72] Sorano, Gaetano, IT
[72] Drago, Roberto, IT
[73] MT Ortho S.R.L., IT
[85] 2017-01-05
[86] 2015-07-17 (PCT/IB2015/055437)
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[30] IT (MI2014A001318) 2014-07-18

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[54] **COLUMBARIUM WITH INNER OSSUARY**
[54] **COLOMBARIUM EQUIPE D'UN OSSUAIRE INTERNE**
[72] Eickhof, Paul M., US
[72] Noyes, Stephen, US
[72] Tollefson, Peter, US
[72] Hines, Blair, US
[72] DeBoer, Tom, US
[73] EICKHOF COLUMBARIA, INC., US
[86] (2955760)
[87] (2955760)
[22] 2017-01-20
[30] US (62/281,634) 2016-01-21

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[54] **PROJECTILES SOLUBLES**
[72] Wall, Wesley, CA
[72] Wall, Adam, CA
[72] Whitaker, Ray, CA
[72] Adab, Shekaib, CA
[72] Chute, Wade, CA
[73] 1824930 Alberta Ltd, CA
[86] (2957585)
[87] (2957585)
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[25] EN
[54] **COMPOUNDS AND METHODS**
[54] **COMPOSES ET METHODES**
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[72] Zheng, Hailin, US
[72] Zhao, Jun, US
[72] Wennogle, Lawrence, US
[73] Intra-Cellular Therapies, Inc., US
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[30] US (62/051,735) 2014-09-17
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[25] EN
[54] **FAIL SAFE BEARING**
[54] **PALIER A SURETE INTEGREE**
[72] Vermande, Frederic, FR
[73] Ratier-Figeac SAS, FR
[86] (2961315)
[87] (2961315)
[22] 2017-03-16
[30] EP (16305657.5) 2016-06-06

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[13] C

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[25] EN
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[54] **ACHEMINEMENT EFFICACE D'INTERRUPTION POUR UN PROCESSEUR A MULTIPLES FILS D'EXECUTION**
[72] Farrell, Mark, US
[72] Heller, Lisa, US
[72] Kubala, Jeffrey Paul, US
[72] Schmidt, Donald William, US
[72] Greiner, Dan, US
[72] Slegel, Timothy, US
[72] Busaba, Fadi Yusuf, US
[72] Osisek, Damian, US
[72] Bradbury, Jonathan David, US
[72] Lehnert, Frank, DE
[72] Nerz, Bernd, DE
[72] Jacobi, Christian, US
[72] Gainey, Charles (Deceased), US
[73] International Business Machines Corporation, US
[85] 2017-03-17
[86] 2015-09-14 (PCT/EP2015/070982)
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[30] US (14/509,533) 2014-10-08

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[25] EN
[54] **RECEIVER WITH AN AMBIDEXTROUS BOLT STOP**
[54] **RECEPTEUR DOTE D'UNE BUTEE DE BOULON AMBIDEXTRE**
[72] Lewis, Karl R., US
[72] Olson, Douglas, US
[72] Neff, Michael, US
[72] Nawrocki, Michael, US
[72] Smith, John J., US
[73] KRL Holding Company, Inc., IT
[86] (2962313)
[87] (2962313)
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[25] EN
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FOR HYDRAULIC FRACTURING
[54] AGENT DE SOUTENEMENT
AUTO-SUSPENDU DESTINE A LA
FRACTURATION HYDRAULIQUE
[72] MALEY, DARREN MICHAEL, CA
[72] MANIPON, MARK ERROL
ABESAMIS, CA
[73] STEP ENERGY SERVICES LTD., CA
[86] (2962324)
[87] (2962324)
[22] 2017-03-27
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[25] EN
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ONE OR MORE POPULATION
EPISENSUS ANTIGENS
[54] VACCINS CONTRE LE VIH
COMPRENANT UN OU
PLUSIEURS ANTIGENES
EPISENSUS DE POPULATION
[72] FRUEH, KLAUS, US
[72] PICKER, LOUIS, US
[72] KORBER, BETTE T.M., US
[72] THEILER, JAMES, US
[72] MARSHALL, EMILY, US
[72] BRUENING, ERIC, US
[73] VIR BIOTECHNOLOGY, INC., US
[73] OREGON HEALTH & SCIENCE
UNIVERSITY, US
[73] TRIAD NATIONAL SECURITY, LLC,
US
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[86] 2015-10-05 (PCT/US2015/054067)
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[30] US (62/059,497) 2014-10-03
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[25] EN
[54] GROUNDING SYSTEM AND
METHOD FOR PROVIDING
ELECTRICAL CONTACT
BETWEEN TWO COMPONENTS
[54] SYSTEME DE MISE A LA TERRE
ET METHODE SERVANT A
FOURNIR UN CONTACT
ELECTRIQUE ENTRE DEUX
COMPOSANTES
[72] VO, CHAU THIEN, CA
[72] PARENT, NICHOLAS, CA
[73] PAT TECHNOLOGY SYSTEMS INC.,
CA
[86] (2965401)
[87] (2965401)
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[25] EN
[54] METHOD FOR OPERATING A
STIRRING DEVICE AND A
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[54] PROCEDE PERMETTANT DE
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[72] CZWALUK, ANDREAS, DE
[73] UTS BIOGASTECHNIK GMBH, DE
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[87] (WO2016/071447)
[30] DE (10 2014 116 239.0) 2014-11-07
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C12N 15/85 (2006.01)
[25] EN
[54] MESSENGER UNA MOLECULES
AND USES THEREOF
[54] MOLECULES D'UNA MESSAGER
ET LEURS UTILISATIONS
[72] CHIVUKULA, PADMANABH, US
[72] WARREN, LUIGI, US
[72] TACHIKAWA, KIYOSHI, US
[72] PAYNE, JOSEPH E., US
[73] ARCTURUS THERAPEUTICS, INC.,
US
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[30] US (62/074,046) 2014-11-02
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[25] EN
[54] LIFTING DEVICE FOR
PALLETIZED GOODS
[54] DISPOSITIF DE LEVAGE D'UNE
MARCHANDISE PALETTISEE
[72] SCHALK, BASTIAN, DE
[72] ENGEMANN, CHRISTOPH, DE
[73] SPRICK GMBH BIELEFELDER
PAPIER- UND
WELLPAPPENWERKE & CO., DE
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[87] (WO2016/070969)
[30] DE (10 2014 016 371.7) 2014-11-06
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[25] EN
[54] POLYMER-ENCAPSULATED
PIGMENT PARTICLE
[54] PARTICULE PIGMENTAIRE
ENCAPSULEE DANS DU
POLYMER
[72] NESS, JASON, US
[73] SWIMC LLC, US
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GLYCOSYLTRANSFERASE AND GENE ENCODING SAME
[54] MOGROL
GLYCOSYLTRANSFERASE ET GENE CODANT POUR CELLE-CI
[72] ONO, EIICHIRO, JP
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 - [72] HILLMANN-WUELLNER, PETRA, CH
 - [72] STUETZ, ANTON, CH
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[54] COMPOSES POLYSACCHARIDES MULTI-FONCTIONNALISES ET LEUR UTILISATION POUR CIBLER LE RECEPTEUR DU MANNOSE 6-PHOSPHATE CATION-INDEPENDANT
[72] MORERE, ALAIN, FR
[72] DA SILVA, AFITZ, FR
[72] BOUFFARD, ELISE, FR
[72] EL CHEIKH, KHALED, FR
[72] DURAND, JEAN-OLIVIER, FR
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[72] BASILE, ILARIA, FR
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[54] COMPOSITION DE SOINS BUCCAUX COMPRENANT UN PEROXYMONOSULFATE DE POTASSIUM ET UN POLYVINYL PYRROLIDONE
[72] YUAN, SHAOTANG, US
[72] XU, GUOFENG, US
[72] KILPATRICK-LIVERMAN, LATONYA, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] SYSTEME DE MICROSCOPE CHIRURGICAL DOTE D'UN CONTROLE AUTOMATIQUE DE ZOOM
[72] MAK, SUI WAI JACKY, CA
[72] LEE, TAMMY, CA
[73] SYNAPTIVE MEDICAL INC., CA
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[54] SYSTEME D'ADMINISTRATION A LIBERATION PROLONGEE D'UN ANTI-INFLAMMATOIRE NON STEROIDIEN
[72] NISKANEN, ELINA, FI
[72] KARJALAINEN, JAANA, FI
[72] UUSITALO, JOUKO, FI
[73] SOLANI THERAPEUTICS LTD, FI
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[54] VIRUS GRIPPAL A RECOMBINANT, COMPOSITION LE COMPRENANT ET UTILISATIONS CONNEXES
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[72] WU, CHUNG-YI, TW
[73] ACADEMIA SINICA, CN
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[54] PROCEDE DE REDUCTION DE L'ETENDUE SPATIALE DE CONNECTEURS D'ALIMENTATION DE COURANT DE BOBINE DE GRADIENT
[72] BINDSEIL, GERON ANDRE, CA
[72] HANLDER, WILLIAM BRADFIELD, CA
[73] SYNAPTIVE MEDICAL INC., CA
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[54] A SUSPENSION ARRANGEMENT FOR ANODE BEAMS IN CELLS OF HALL-HEROULT TYPE FOR THE ELECTROLYTIC PRODUCTION OF ALUMINUM AND A METHOD FOR STABILIZING THE OPERATION OF SUCH CELLS
[54] AGENCEMENT DE SUSPENSION POUR FAISCEAUX D'ANODES DANS DES CELLULES DE TYPE HALL-HEROULT POUR LA PRODUCTION D'ALUMINIUM ET PROCEDE DE STABILISATION DU FONCTIONNEMENT DE TELLES CELLULES

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[72] FECHNER, MARKUS, DE
[72] LIANE, MORTEN, NO
[73] NORSK HYDRO ASA, NO
[85] 2019-05-15
[86] 2017-12-04 (PCT/EP2017/081347)
[87] (WO2018/108604)
[30] NO (20162006) 2016-12-15

[11] 3,047,836 [13] C
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[25] EN
[54] CASPASE-1 INHIBITION AND USES THEREOF FOR PREVENTION AND TREATMENT OF NEUROLOGICAL CONDITIONS
[54] INHIBITION DE LA CASPASE-1 ET SES UTILISATIONS DANS LA PREVENTION ET LE TRAITEMENT D'ETATS NEUROLOGIQUES
[72] LEBLANC, ANDREA, CA
[73] CASP-AID INC., CA
[85] 2019-06-20
[86] 2017-12-20 (PCT/CA2017/051548)
[87] (WO2018/112626)
[30] US (62/438,529) 2016-12-23
[30] US (62/579,936) 2017-11-01

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[25] EN
[54] OFDM-LIKE SIGNALING FOR BROADBAND SATELLITE APPLICATIONS
[54] SIGNALISATION DE TYPE OFDM POUR APPLICATIONS DE SATELLITE A LARGE BANDE
[72] BEIDAS, BASSEL F., US
[72] SESHADRI, ROHIT IYER, US
[73] HUGHES NETWORK SYSTEMS, LLC, US
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[86] 2017-12-20 (PCT/US2017/067728)
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[30] US (62/436,658) 2016-12-20
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[13] C

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[25] EN
[54] REFERENCE SIGNAL AND TX/RX PRECODING FOR UE MULTIPLEXING IN NR SS
[54] SIGNAL DE REFERENCE ET PRECODAGE TX/RX POUR LE MULTIPLEXAGE D'UE DANS SS NR
[72] FAKOORIAN, SEYED ALI AKBAR, US
[72] ZHANG, XIAOXIA, US
[72] YOO, TAESANG, US
[72] MALLIK, SIDDHARTH, US
[72] MONTOJO, JUAN, US
[73] QUALCOMM INCORPORATED, US
[85] 2019-07-08
[86] 2018-02-20 (PCT/US2018/018814)
[87] (WO2018/156515)
[30] US (62/461,510) 2017-02-21
[30] US (15/932,312) 2018-02-16

[11] **3,051,528**

[13] C

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[25] EN
[54] COMPOSITIONS AND METHODS FOR FABRICATING COATINGS
[54] COMPOSITIONS ET PROCEDES DE FABRICATION DE REVETEMENTS
[72] NOWAK, ANDREW P., US
[72] RODRIGUEZ, APRIL R., US
[73] THE BOEING COMPANY, US
[86] (3051528)
[87] (3051528)
[22] 2019-08-07
[30] US (16/138718) 2018-09-21
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[25] EN
[54] METHOD OF USE FOR THERAPEUTIC BONE AGENTS
[54] METHODE D'UTILISATION D'AGENTS OSSEUX THERAPEUTIQUES
[72] SIMON, JAIME, US
[72] FRANK, R. KEITH, US
[73] IGL PHARMA, INC., US
[85] 2019-08-07
[86] 2018-02-06 (PCT/US2018/017082)
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[30] US (62/456,191) 2017-02-08

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[13] C

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[25] EN
[54] SYSTEMS AND METHODS FOR DIRECT IN-BROWSER MARKUP OF ELEMENTS IN INTERNET CONTENT
[54] SYSTEMES ET PROCEDES DESTINES AU BALISAGE DIRECT DANS UN NAVIGATEUR D'ELEMENTS DANS UN CONTENU INTERNET
[72] EPSTEIN, JEREMY LEE, US
[72] DAVIDSON, JOSHUA ALAN, US
[72] HUNTINGTON, MICHAEL DANA, US
[73] OPSEC ONLINE LIMITED, US
[85] 2019-08-20
[86] 2018-02-21 (PCT/US2018/018921)
[87] (WO2018/156558)
[30] US (62/462,110) 2017-02-22
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[54] MACHINE A POLES SAILLANTS
[72] WHEBE SPIRIDON, MICHEL, CH
[73] GE RENEWABLE TECHNOLOGIES, FR
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[86] 2017-03-03 (PCT/IB2017/000345)
[87] (WO2018/158604)

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[25] EN
[54] DEVICE FOR SUPPORTING BODY
PARTS WHEN PAINTING SAID
BODY PARTS
[54] DISPOSITIF DE SUPPORT DE
PARTIES DE CORPS LORS DE LA
MISE EN PEINTURE DESDITES
PARTIES DE CORPS
[72] TRESSE, DAVID, FR
[72] HELMREICH, MARC, FR
[72] LAUTURE, BERNARD, FR
[73] COMPAGNIE PLASTIC OMNIUM,
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[85] 2019-09-16
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[30] US (15/471,536) 2017-03-28
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H04L 12/12 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR
AUGMENTED REALITY AND FOR
TRANSFERRING SESSIONS
BETWEEN DEVICES
[54] SYSTEMES ET METHODES DE
REALITE AUGMENTEE POUR LE
TRANSFERT DE SESSIONS
ENTRE DISPOSITIFS
[72] HERNANDEZ, SERGIO, US
[72] GANNON, STEPHEN J., US
[72] SALDIVAR, ALAN, US
[72] TOMPKINS, JEFFREY SCOTT, US
[72] GONZALEZ, ERNESTO, JR., US
[73] EPICOR SOFTWARE
CORPORATION, US
[86] (3057108)
[87] (3057108)
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G06T 11/60 (2006.01)
[25] EN
[54] A CAMERA SYSTEM FOR
PROVIDING IMAGES WITH
SIMULTANEOUS HIGH
RESOLUTION AND LARGE
DEPTH OF FIELD
[54] SYSTEME D'APPAREIL PHOTO
PERMETTANT DE FOURNIR DES
IMAGES AVEC UNE
RESOLUTION ELEVEE ET UNE
GRANDE PROFONDEUR DE
CHAMP SIMULTANEES
[72] FRANJIC, KRESIMIR, CA
[72] BAI, YANHUI, CA
[72] WOOD, MICHAEL FRANK GUNTER,
CA
[72] BULK, MICHAEL PETER, CA
[72] LEE, TAMMY KEE-WAI, CA
[72] HYNNA, KAI MICHAEL, CA
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(2006.01) A61K 47/38 (2006.01) A61P
17/04 (2006.01)
[25] EN
[54] TABLETED MEDICINAL
COMPOSITION COMPRISING
NALFURAFINE
[54] COMPOSITION MEDICINALE EN
COMPRIMES COMPRENANT DE
LA NALFURAFINE
[72] MINAKAMI, SATOSHI, JP
[72] TAKAKI, SUGURU, JP
[72] OHTA, KOTOE, JP
[72] HORIUCHI, YASUHIDE, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2019-09-24
[86] 2018-03-30 (PCT/JP2018/013684)
[87] (WO2018/181920)
[30] JP (2017-070165) 2017-03-31

[11] 3,058,106

[13] C

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[25] EN
[54] CASING SCRAPER ACTIVATED
AND DEACTIVATED DOWNHOLE
[54] RACLEUR DE TUBAGE ACTIVE
ET DESACTIVE EN FOND DE
TROU
[72] GARCIA, MATTHEW D., US
[73] WEATHERFORD TECHNOLOGY
HOLDINGS, LLC, US
[85] 2019-09-26
[86] 2017-06-09 (PCT/US2017/036691)
[87] (WO2018/226237)
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[11] 3,058,285

[13] C

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[25] EN
[54] SOLID FORM OF (S)-[2-CHLORO-
4-FLUORO-5-(7-MORPHOLIN-4-
YLQUINAZOLIN-4-YL)PHENYL]-
(6-METHOXY-PYRIDAZIN-3-
YL)METHANOL
[54] FORME SOLIDE DE (S)-[2-
CHLORO-4-FLUORO-5-(7-
MORPHOLIN-4-YLQUINAZOLIN-
4-YL)PHENYL]-[6-METHOXY-
PYRIDAZIN-3-YL]METHANOL
[72] LANGE, MICHAEL, DE
[72] KUEHN, CLEMENS, DE
[72] FUCHSS, THOMAS, DE
[72] MAILLARD, DAVID, DE
[72] BREUNING, MARCEL, DE
[72] POMA, MARCO, IT
[72] BURINI, EDOARDO, IT
[73] MERCK PATENT GMBH, DE
[85] 2019-09-27
[86] 2018-03-28 (PCT/EP2018/057875)
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[30] EP (17163826.5) 2017-03-30

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[13] C

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 [25] EN
[54] METHOD AND APPARATUS FOR SUPPLYING SUPPORT FROM BELOW TO A SCREEN CLOTH ON A VIBRATING SCREENING MACHINE
[54] PROCEDE ET APPAREIL DE SUPPORT DEPUIS LE DESSOUS A UNE TOILE DE CIBLAGE SUR UNE MACHINE A TAMISER VIBRANTE
 [72] MUMM, RYAN ANTHONY, US
 [72] ROSS, ALEXANDER EVAN, US
 [72] STEMPER, MICHAEL PETER, US
 [72] GRADY, NICHOLAS SAMUEL, US
 [72] ELLIS, JOSH EDWARD, US
 [72] STROUP, DAVID BRYAN, US
 [73] TEREX USA, LLC, US
 [86] (3058607)
 [87] (3058607)
 [22] 2019-10-11
 [30] US (62/744,314) 2018-10-11
 [30] US (16/598,259) 2019-10-10
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[11] **3,059,120**

[13] C

- [51] Int.Cl. C08L 5/00 (2006.01) A61K 47/36 (2006.01) C08J 3/075 (2006.01) C12N 5/02 (2006.01) C12N 11/04 (2006.01) C12N 11/10 (2006.01)
 [25] EN
[54] HYDROGEL FOR CELL CULTURE AND BIOMEDICAL APPLICATIONS
[54] HYDROGEL POUR APPLICATIONS BIOMEDICALES ET DE CULTURE CELLULAIRE
 [72] HUANG, HONGZHOU, US
 [73] THEWELL BIOSCIENCE, US
 [85] 2019-10-03
 [86] 2018-04-10 (PCT/US2018/026854)
 [87] (WO2018/191244)
 [30] US (62/483,831) 2017-04-10
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[11] **3,062,553**

[13] C

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 [25] EN
[54] PHARMACOKINETIC ENHANCEMENTS OF BIFUNCTIONAL CHELATES AND USES THEREOF
[54] AMELIORATIONS PHARMACOCINETIQUES DE CHELATES BIFONCTIONNELS ET LEURS UTILISATIONS
 [72] BURAK, ERIC STEVEN, CA
 [72] MAHONEY, STUART JAMES, CA
 [72] SIMMS, RYAN WAYNE, CA
 [72] VALLIANT, JOHN FITZMAURICE, CA
 [72] DARWISH, ALLA, CA
[73] CENTRE FOR PROBE DEVELOPMENT AND COMMERCIALIZATION, CA
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[13] C

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 [25] EN
[54] EME PROTECTION CAP SYSTEM WITH SCREW SEALANT MECHANISM
[54] SYSTEME DE CAPUCHON DE PROTECTION DES EFFETS ELECTROMAGNETIQUES (EME) AVEC MECANISME D'ETANCHEITE A VIS
 [72] AUFFINGER, SEAN, US
 [72] STEVENS, BART, US
 [73] THE BOEING COMPANY, US
 [86] (3063667)
 [87] (3063667)
 [22] 2019-12-03
 [30] US (16/238768) 2019-01-03
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 [25] EN
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[54] CONVERTISSEUR DE PUISSANCE UNIVERSEL
 [72] ZACH, JUERGEN J., US
 [72] SHIRKHANI, ARSHAM, US
 [72] CAOUETTE, DAN, US
 [72] BERES, JAMES F., US
 [73] NVENT SERVICES GMBH, CH
 [85] 2019-11-18
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 [87] (WO2018/211334)
 [30] US (62/508,282) 2017-05-18
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 [25] EN
[54] RAZOR HANDLE
[54] MANCHE DE RASOIR
 [72] ZAREMBA, FRANCIS, US
 [72] MAKAY, MICHAEL CHAD, US
 [72] RICCOMINI, ROBERT ANGELO, US
 [73] HARRY'S, INC., US
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 [86] 2018-06-20 (PCT/US2018/038558)
 [87] (WO2018/237044)
 [30] US (62/523,046) 2017-06-21
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[11] **3,067,883**

[13] C

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 [25] EN
[54] METHOD AND MICROSCOPY SYSTEM FOR RECORDING AN IMAGE
[54] PROCEDE ET SYSTEME DE MICROSCOPIE SERVANT A PRENDRE UNE IMAGE
 [72] PANNHOFF, HELGE, DE
 [72] HAGEN-EGGERT, MARTIN, DE
 [72] MORRIN, MARKUS, DE
 [72] MULLER, MATTHIAS, DE
 [72] SUMPF, TILMAN JOHANNES, DE
 [73] EUROIMMUN MEDIZINISCHE LABORDIAGNOSTIKA AG, DE
 [85] 2019-12-19
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 [30] EP (17001037.5) 2017-06-20

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[13] C

[51] Int.Cl. C10G 3/00 (2006.01)

[25] EN

[54] ENHANCING CO-PROCESSING OF LIGNOCELLULOSE PYROLYSIS OIL BY ENHANCING ITS COMPATIBILITY WITH TYPICAL OIL REFINERY HYDROCARBON FEED
[54] AMELIORATION DU COTRAITEMENT D'HUILE DE PYROLYSE DE LIGNOCELLULOSE PAR AMELIORATION DE SA COMPATIBILITE AVEC UNE CHARGE HYDROCARBONEE DE RAFFINERIE DE PETROLE CARACTERISTIQUE

[72] PAASIKALLIO, VILLE, FI

[72] TOUKONIITTY, BLANKA, FI

[72] PASANEN, JUKKA-PEKKA, FI

[73] NESTE OYJ, FI

[85] 2019-12-20

[86] 2018-06-28 (PCT/EP2018/067383)

[87] (WO2019/002445)

[30] EP (17178808.6) 2017-06-29

[30] FI (20176185) 2017-12-29

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[13] C

[51] Int.Cl. A63B 59/70 (2015.01) A63B 60/12 (2015.01) A63B 71/14 (2006.01)

[25] EN

[54] FINGER GUARD FOR GOALIE HOCKEY STICK

[54] PROTEGE-DOIGTS POUR BATON DE HOCKEY DE GARDIEN DE BUT

[72] ST. VINCENT, GUY, CA

[73] ST. VINCENT, GUY, CA

[86] (3069216)

[87] (3069216)

[22] 2020-01-22

[30] US (62808499) 2019-02-21

[11] 3,069,382

[13] C

[51] Int.Cl. G06F 16/93 (2019.01) G06F 16/951 (2019.01) G06F 16/953 (2019.01)

[25] EN

[54] MULTI-DOCUMENT INTERSECTION ACQUISITION METHOD AND DOCUMENT SERVER

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[72] PAN, WENBIN, CN

[73] 10353744 CANADA LTD., CA

[85] 2020-01-08

[86] 2017-12-29 (PCT/CN2017/120062)

[87] (WO2019/047437)

[30] CN (201710797899.8) 2017-09-06

[11] 3,069,595

[13] C

[51] Int.Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 47/10 (2017.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)

[25] EN

[54] BIOADHESIVE PLATFORM TO PERFORM BIOACTIVE TREATMENT

[54] PLATEFORME BIOADHESIVE POUR UN TRAITEMENT BIOACTIF.

[72] LORENZO-ZUNIGA GARCIA, VICENTE MARIA, ES

[72] BARTOLI SOLE, RAMON, ES

[72] BOIX VALVERDE, JAUME, ES

[73] FUNDACION INSTITUT D'INVESTIGACIO EN CIENCIES DE LA SALUT GERMANS TRIAS I PUJOL, ES

[73] CONSORCIO CENTRO DE INVESTIGACION BIOMEDICA EN RED, M.P., ES

[85] 2020-01-10

[86] 2017-07-26 (PCT/EP2017/068876)

[87] (WO2018/019881)

[30] EP (16382365.1) 2016-07-27

[11] 3,070,970

[13] C

[51] Int.Cl. B65D 1/02 (2006.01) B65D 1/44 (2006.01) B65D 25/04 (2006.01)

[25] EN

[54] VARIABLE DISPLACEMENT BASE AND CONTAINER AND METHOD OF USING THE SAME
[54] BASE ET CONTENANT A DEPLACEMENT VARIABLE ET PROCEDE D'UTILISATION DE CEUX-CI

[72] PRITCHETT, RAYMOND A. JR., US

[72] HATCHER, WILLIE F., US

[72] KELLY, MICHAEL T., US

[73] CO2PAC LIMITED, NZ

[85] 2020-01-23

[86] 2018-08-23 (PCT/US2018/047755)

[87] (WO2019/040749)

[30] US (62/550,493) 2017-08-25

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[13] C

[51] Int.Cl. G01L 5/00 (2006.01) B66C 15/06 (2006.01) F16G 13/12 (2006.01)

[25] EN

[54] SAFETY OVERLOAD LINK

[54] MAILLON DE SECURITE CONTRE LES SURCHARGES

[72] LEWIS, MITCHELL LEE, AU

[73] LEWIS, MITCHELL LEE, AU

[85] 2020-01-24

[86] 2018-07-30 (PCT/AU2018/050789)

[87] (WO2019/023742)

[30] AU (2017903020) 2017-07-31

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[13] C

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 - [25] EN
 - [54] RECHARGEABLE BATTERY JUMP STARTING DEVICE WITH A DUAL BATTERY DIODE BRIDGE SYSTEM
 - [54] DISPOSITIF DE DEMARRAGE PAR CABLES DE SECOURS A BATTERIE RECHARGEABLE DOTE D'UN SYSTEME DE PONT A DIODE DE BATTERIE DOUBLE
 - [72] NOOK, JONATHAN LEWIS, US
 - [72] NOOK, WILLIAM KNIGHT, US
 - [72] STANFIELD, JAMES RICHARD, US
 - [72] UNDERHILL, DEREK MICHAEL, US
 - [73] THE NOCO COMPANY, US
 - [85] 2020-02-03
 - [86] 2018-09-19 (PCT/US2018/051655)
 - [87] (WO2019/060359)
 - [30] US (62/561,850) 2017-09-22
 - [30] US (62/561,751) 2017-09-22
 - [30] US (62/562,713) 2017-09-25
 - [30] US (62/568,044) 2017-10-04
 - [30] US (62/568,537) 2017-10-05
 - [30] US (62/569,243) 2017-10-06
 - [30] US (62/569,355) 2017-10-06
 - [30] US (62/568,967) 2017-10-06
 - [30] US (PCT/US2018/049548) 2018-09-05
 - [30] US (PCT/US2018/050904) 2018-09-13
 - [30] US (62/567,479) 2017-10-03
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[11] 3,073,156

[13] C

- [51] Int.Cl. A61K 6/889 (2020.01) A61K 6/62 (2020.01)
 - [25] EN
 - [54] AROMATIC AMINE INITIATOR-MODIFIED POLYACIDIC POLYMER
 - [54] POLYMER POLYACIDE A INITIATEUR AMINE AROMATIQUE MODIFIE
 - [72] MAIER, MAXIMILIAN, DE
 - [72] KLEE, JOACHIM E., DE
 - [72] SCHEUFLER, CHRISTIAN, DE
 - [72] RENN, CAROLINE, DE
 - [72] SZILLAT, FLORIAN, DE
 - [73] DENTSPLY DETREY GMBH, DE
 - [85] 2020-02-14
 - [86] 2018-08-30 (PCT/EP2018/073380)
 - [87] (WO2019/043114)
 - [30] EP (17188541.1) 2017-08-30
 - [30] EP (17197057.7) 2017-10-18
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[11] 3,073,442

[13] C

- [51] Int.Cl. A61K 9/00 (2006.01) A61K 31/422 (2006.01) A61M 37/00 (2006.01)
 - [25] EN
 - [54] METHOD OF RAPIDLY ACHIEVING THERAPEUTIC CONCENTRATIONS OF ZOLMITRIPTAN FOR TREATMENT OF MIGRAINES AND CLUSTER HEADACHES
 - [54] PROCEDE D'OBTENTION RAPIDE DE CONCENTRATIONS THERAPEUTIQUES DE ZOLMITRIPTAN POUR LE TRAITEMENT DE MIGRAINES ET DE CEFALEES DE HORTON
 - [72] AMERI, MAHMOUD, US
 - [72] KELLERMAN, DONALD, US
 - [72] AO, YI, US
 - [73] EMERGEX USA CORPORATION, US
 - [85] 2020-02-19
 - [86] 2017-08-23 (PCT/US2017/048258)
 - [87] (WO2019/040063)
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 - [25] EN
 - [54] FIELD OF VIEW (FOV) AND KEY CODE LIMITED AUGMENTED REALITY TO ENFORCE DATA CAPTURE AND TRANSMISSION COMPLIANCE
 - [54] REALITE AUGMENTEE LIMITEE PAR CODE CLE ET CHAMP VISUEL (FOV) POUR METTRE EN OEUVRE UNE CONFORMITE DE TRNASMISSION ET DE CAPTURE DE DONNEES
 - [72] PINTI, RICHARD M., US
 - [72] MOHAN, SAM, US
 - [72] PIPER, GREG, US
 - [72] COGLIANDRO, JOHN A., US
 - [72] GIFFIN, MONICA L., US
 - [73] RAYTHEON COMPANY, US
 - [85] 2020-03-19
 - [86] 2018-09-25 (PCT/US2018/052626)
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 - [30] US (62/575,204) 2017-10-20
 - [30] US (15/907,853) 2018-02-28
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 - [25] EN
 - [54] SYSTEM AND METHOD FOR AUTOMATED APPLICATION TESTING
 - [54] SYSTEME ET METHODE DE MISE A L'ESSAI D'APPLICATION AUTOMATISEE
 - [72] RAGHUNATHAN, RAMESH, CA
 - [72] KATHURIA, AAYUSH, CA
 - [72] SUBBUNARAYANAN, PERIYAKARUPPAN, CA
 - [73] THE TORONTO-DOMINION BANK, CA
 - [86] (3077762)
 - [87] (3077762)
 - [22] 2020-04-09
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[13] C

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 - [25] EN
 - [54] INTEGRATED ACTIVE DETUNING FOR MAGNETIC RESONANCE IMAGING
 - [54] DESACCORDAGE ACTIF INTEGRE POUR L'IMAGERIE PAR RESONANCE MAGNETIQUE
 - [72] CONNELL, IAN ROBERT OLIPHANT, CA
 - [73] SYNAPTIVE MEDICAL INC., CA
 - [86] (3081130)
 - [87] (3081130)
 - [22] 2020-05-22
 - [30] US (16/419,098) 2019-05-22
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- [25] EN
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- [54] FIXATION DE TYPE VIS
- [72] LAJEWARDI, FARHAD, US
- [72] FALKENSTEIN, MICHAEL K., US
- [72] MAHADEO, BEESHAM, US
- [73] THE HILLMAN GROUP, INC., US
- [85] 2020-04-29
- [86] 2018-10-23 (PCT/US2018/057003)
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 - [25] EN
 - [54] NETWORK INITIATED ON-DEMAND ZERO-ENERGY PAGING METHOD AND APPARATUS
 - [54] PROCEDE ET APPAREIL DE RADIOMESSAGERIE A LA DEMANDE A ENERGIE NULLE INITIEE PAR UN RESEAU
 - [72] HAQUE, TANBIR, US
 - [72] PRAGADA, RAVIKUMAR V., US
 - [72] BALASUBRAMANIAN, ANANTHARAMAN, US
 - [72] DEMIR, ALPASLAN, US
 - [73] INTERDIGITAL PATENT HOLDINGS, INC., US
 - [85] 2020-05-28
 - [86] 2018-11-30 (PCT/US2018/063320)
 - [87] (WO2019/108940)
 - [30] US (62/593,631) 2017-12-01
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- [25] EN
- [54] STAIRCASE WAVEGUIDE ELEMENT, PERSONAL DISPLAY DEVICE AND METHOD OF PRODUCING AN IMAGE
- [54] ELEMENT GUIDE D'ONDES EN ESCALIER, DISPOSITIF D'AFFICHAGE PERSONNEL, ET PROCEDE DE PRODUCTION D'UNE IMAGE
- [72] BLOMSTEDT, KASIMIR, FI
- [73] DISPELIX OY, FI
- [85] 2020-05-29
- [86] 2018-12-20 (PCT/FI2018/050957)
- [87] (WO2019/122527)
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 - [25] EN
 - [54] MULTIBEAM ELEMENT-BASED NEAR-EYE DISPLAY, SYSTEM, AND METHOD
 - [54] AFFICHAGE PROCHE DES YEUX BASE SUR DES ELEMENTS A FAISCEAUX MULTIPLES, SYSTEME ET PROCEDE
 - [72] FATTAL, DAVID A., US
 - [73] LEIA INC., US
 - [85] 2020-06-02
 - [86] 2017-12-18 (PCT/US2017/067131)
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- [25] EN
- [54] DEVICE, SYSTEM AND METHOD FOR TRANSFORMING A DIFFUSION-WEIGHTED MAGNETIC RESONANCE IMAGE TO A PATIENT DIFFUSION-WEIGHTED MAGNETIC RESONANCE COORDINATE SPACE
- [54] DISPOSITIF, SYSTEME ET PROCEDE POUR TRANSFORMER UNE IMAGERIE PAR RESONANCE MAGNETIQUE PONDÉREE EN DIFFUSION EN UN ESPACE COORDONNÉ DE RESONANCE MAGNETIQUE PONDÉREE EN DIFFUSION

[72] ALEXANDER, SIMON KENLEY, CA
[72] WITCOMB, NEIL JEFFREY, CA
[73] SYNAPTIVE MEDICAL INC., CA
[86] (3084789)
[87] (3084789)
[22] 2020-06-25
[30] US (16/451605) 2019-06-25

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[13] C

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 - [25] EN
 - [54] BLOOD TESTING SYSTEM AND METHOD
 - [54] SYSTEME ET PROCEDE DE TEST SANGUIN
 - [72] BELS, KEVIN, DE
 - [72] BRANTL, CHRISTIAN, DE
 - [72] WITTMANN, JOHANNES, DE
 - [73] CA CASYSO GMBH, CH
 - [86] (3085118)
 - [87] (3085118)
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 - [30] JP (2015-132034) 2015-06-30
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 - [25] EN
 - [54] CONVEYOR BELT
 - [54] BANDE TRANSPORTEUSE
 - [72] SATO, YUKI, JP
 - [72] SAITO, KENSUKE, JP
 - [72] JOUO, MASAFUMI, JP
 - [72] MORIMOTO, KOKI, JP
 - [73] NITTA CORPORATION, JP
 - [85] 2020-06-25
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- [25] EN
- [54] CHARGING APPARATUS WITH LOCATOR
- [54] APPAREIL DE CHARGE A LOCALISATEUR
- [72] BOBER, WIESLAW, US
- [72] SIENKIEL, KAMIL, PL
- [72] SIENKIEL, DOMINIK STANISLAW, PL
- [73] WBTEC, LLC, US
- [85] 2020-07-24
- [86] 2019-01-28 (PCT/US2019/015451)
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 [25] EN
[54] MOLDING DEVICE AND METAL PIPE
[54] DISPOSITIF DE MOULAGE ET TUYAU METALLIQUE
 [72] IDE, AKIHIRO, JP
 [72] ISHIZUKA, MASAYUKI, JP
 [72] UENO, NORIEDA, JP
 [72] NOGIWA, KIMIHIRO, JP
 [73] SUMITOMO HEAVY INDUSTRIES, LTD., JP
 [85] 2020-08-04
 [86] 2019-02-06 (PCT/JP2019/004279)
 [87] (WO2019/171867)
 [30] JP (2018-043315) 2018-03-09
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[54] RAZOR CARTRIDGE CONNECTION AND HANDLE
[54] CONNEXION ET POIGNEE DE CARTOUCHE DE RASOIR
 [72] PARMELE, JAMES ROBERT, US
 [72] RILEY, JUSTIN GARRETT, US
 [73] HARRY'S, INC., US
 [86] (3090564)
 [87] (3090564)
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 [30] US (16/548,393) 2019-08-22
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 [25] EN
[54] PRODUCED PHYSICAL BULK ASSET HAULING DISPATCH SYSTEM
[54] SYSTEME DE REPARTITION DE TRANSPORT D'ACTIFS PHYSIQUES EN VRAC PRODUITS
 [72] DYK, WESLEY ORIN, US
 [73] KSR UNLIMITED LLC, US
 [85] 2020-08-07
 [86] 2019-05-30 (PCT/US2019/034634)
 [87] (WO2019/236373)
 [30] US (62/680,178) 2018-06-04
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[13] C

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 [25] EN
[54] GRADIENT COIL APPARATUS AND METHODS FOR MRI
[54] BOBINE DE GRADIENT ET METHODES D'IRM
 [72] BINDSEIL, GERON ANDRE, CA
 [72] CONNELL, IAN ROBERT OLIPHANT, CA
 [72] HANDLER, WILLIAM BRADFIELD, CA
 [72] HARRIS, CHAD TYLER, CA
 [73] SYNAPTIVE MEDICAL INC., CA
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[54] CONTROL DEVICE AND METHOD FOR ITEM VERIFICATION
[54] DISPOSITIF ET PROCEDE DE COMMANDE DESTINES A UNE VERIFICATION D'ARTICLE
 [72] DEACON, GRAHAM, GB
 [72] PEDRO, OSEMWARO JEREMIAH OGHENETEGA, GB
 [72] MAKRIS, CHRISTOS, GB
 [73] OCADO INNOVATION LIMITED, GB
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 [86] 2019-05-29 (PCT/EP2019/064087)
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 [30] GB (1809020.9) 2018-06-01

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 [25] EN
[54] AQUEOUS ADHESIVE FOR INORGANIC MATERIALS
[54] ADHESIF AQUEUX POUR MATERIAUX INORGANIQUES
 [72] HAYASHI, MIYUKI, JP
 [72] KITA, AI, JP
 [72] TSUKAMOTO, MASAYA, JP
 [73] SANYO CHEMICAL INDUSTRIES, LTD., JP
 [73] MAG-ISOVER KABUSHIKI KAISHA, JP
 [85] 2020-10-16
 [86] 2019-04-15 (PCT/JP2019/016197)
 [87] (WO2019/203198)
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 [73] SANYO CHEMICAL INDUSTRIES, LTD., JP
 [73] MAG-ISOVER KABUSHIKI KAISHA, JP
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[25] EN
[54] APPARATUS AND A METHOD FOR MONITORING A PATIENT DURING HIS SLEEP
[54] APPAREIL ET PROCEDE DE SURVEILLANCE D'UN PATIENT PENDANT SON SOMMEIL
[72] YAZIGI, RAJA, CH
[72] KOLLER, PHILIPPE, CH
[73] YAZIGI, RAJA, CH
[73] KOLLER, PHILIPPE, CH
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[86] 2019-07-02 (PCT/IB2019/055629)
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[25] EN
[54] METHODS AND SYSTEMS FOR GENERATING AND OUTPUTTING TEST DRIVE SCRIPTS FOR VEHICLES
[54] PROCEDES ET SYSTEMES DE PRODUCTION ET DE DELIVRANCE EN SORTIE DE SCRIPTS DE CONDUITE DE TEST POUR VEHICULES
[72] CACABELOS, KAHLIL H., US
[72] BROZOVICH, ROY S., US
[72] MERG, PATRICK S., US
[72] THERIOT, MARK C., US
[73] SNAP-ON INCORPORATED, US
[86] (3101107)
[87] (3101107)
[22] 2016-02-03
[62] 2,976,630
[30] US (14/631,689) 2015-02-25

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[25] EN
[54] ANTI-IL-23P19 ANTIBODY AND USE THEREOF
[54] ANTICORPS ANTI-IL-23P19 ET SES UTILISATIONS
[72] LIU, JUNJIAN, CN
[72] WU, MIN, CN
[72] LI, LI, CN
[72] ZHOU, SHUAIXIANG, CN
[72] ZHOU, ENKUN, CN
[73] INNOVENT BIOLOGICS (SUZHOU) CO., LTD., CN
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[86] 2019-11-27 (PCT/CN2019/121261)
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[30] CN (201811424552.X) 2018-11-27
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[13] C

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[25] EN
[54] ANSWER MACHINE DETECTION METHOD & APPARATUS
[54] PROCEDE ET APPAREIL DE DETECTION DE REPONDEUR
[72] THOMPSON, MICHAEL, GB
[73] MAGUS COMMUNICATIONS LIMITED, GB
[85] 2020-12-18
[86] 2019-06-18 (PCT/GB2019/051704)
[87] (WO2019/243805)
[30] GB (1810202.0) 2018-06-21
[30] GB (1902132.8) 2019-02-15

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[13] C

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[25] EN
[54] SYSTEMS AND METHODS TO OPERATE HYDRAULIC FRACTURING UNITS USING AUTOMATIC FLOW RATE AND/OR PRESSURE CONTROL
[54] SYSTEMES ET METHODES POUR FAIRE FONCTIONNER DES UNITES DE FRACTURATION HYDRAULIQUE A L'AIDE D'UN CONTROLE AUTOMATIQUE DU DEBIT ET/OU DE LA PRESSION
[72] YEUNG, TONY, US
[72] RODRIGUEZ-RAMON, RICARDO, US
[72] FOSTER, JOSEPH, US
[73] BJ ENERGY SOLUTIONS, LLC, US
[86] (3108212)
[87] (3108212)
[22] 2021-02-04
[30] US (62/705,328) 2020-06-22
[30] US (62/705,369) 2020-06-24
[30] US (62/705,649) 2020-07-09
[30] US (17/248,484) 2021-01-27
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[25] EN
[54] PACKING ELEMENT HAVING STRIPS WITH ASYMMETRICAL ARCH OR WAVE SHAPES
[54] CORPS DE REMPLISSAGE POURVU DE LAMELLES A FORME D'ARC OU DE VAGUE ASYMETRIQUE
[72] GEIPEL, WERNER, DE
[72] GEIPEL, CHRISTIAN, DE
[72] MEHRINGER, CHRISTIAN, DE
[72] HOFFMANN, KARIN, DE
[73] RVT PROCESS EQUIPMENT GMBH, DE
[85] 2021-02-05
[86] 2019-08-13 (PCT/EP2019/071693)
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[30] DE (10 2018 119 693.8) 2018-08-14

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[25] EN
[54] HEAT TRANSFER SYSTEM AND ENVIRONMENTAL CONTROL SYSTEM WITH HEAT TRANSFER SYSTEM
[54] SYSTEME DE TRANSFERT DE CHALEUR ET SYSTEME DE CONTROLE ENVIRONNEMENTAL AVEC SYSTEME DE TRANSFERT DE CHALEUR
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
[86] (3108916)
[87] (3108916)
[22] 2018-08-01
[62] 3,013,005

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[25] EN
[54] SYSTEMS AND METHODS FOR PRESSURE TOLERANT ENERGY SYSTEMS
[54] SYSTEMES ET PROCEDES POUR SYSTEMES D'ENERGIE TOLERANTS A LA PRESSION
[72] MORASH, JAMES, US
[72] POMPA, JONATHAN, US
[72] KFIR, BEN, US
[72] DAMUS, ROBERT S., US
[72] RIKOSKI, RICHARD J., US
[73] HADAL, INC., US
[86] (3108934)
[87] (3108934)
[22] 2014-03-14
[62] 2,904,796
[30] US (61/792,708) 2013-03-15

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[25] EN
[54] CONNECTED MACHINE INITIATED SERVICE
[54] SERVICE DECLENCHÉ PAR MACHINE CONNECTÉE
[72] STOOPS, DANIEL STEWART, US
[72] KAISER, LIZANNE, US
[72] BELL, CLIFF W., US
[73] GENESYS CLOUD SERVICES HOLDINGS II, LLC, US
[86] (3109728)
[87] (3109728)
[22] 2017-06-06
[62] 3,025,017
[30] US (15/176,502) 2016-06-08
[30] US (15/176,400) 2016-06-08

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[13] C

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[25] EN
[54] APPARATUS AND METHOD FOR DECOUPLING A TUBE ASSEMBLY
[54] APPAREIL ET METHODE POUR DECOUPLER UN ASSEMBLAGE DE TUBE
[72] MORIKAWA, DAVID TARO, CA
[72] WONG, MATTHEW, CA
[72] JOHANNESSON, MARK, CA
[73] ATS CORPORATION, CA
[86] (3110501)
[87] (3110501)
[22] 2021-02-25

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[13] C

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[25] EN
[54] 5-ACETAMIDOMETHYL-OXAZOLIDINONE DERIVATIVES FOR USE IN THE TREATMENT OF CANCER
[54] DERIVES DE 5-ACETAMIDOMETHYL-OXAZOLIDINONE DESTINES A ETRE UTILISES DANS LE TRAITEMENT DU CANCER
[72] HARRISON, JAMES, GB
[73] VARSITY PHARMACEUTICALS LIMITED, GB
[85] 2021-02-24
[86] 2019-09-06 (PCT/GB2019/052481)
[87] (WO2020/049309)
[30] GB (1814487.3) 2018-09-06

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[13] C

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[25] EN
[54] SYSTEM FOR PARCEL TRANSPORT AND TRACKING OPERATED RESPONSIVE TO DATA BEARING RECORDS
[54] SYSTEME DE TRANSPORT DE COLIS ET SUIVI EXPLOITE EN REPONSE A DES DOSSIERS CONTENANT DES DONNEES
[72] REDFERN, DARREN, CA
[72] ESTILL, JIM, CA
[73] DANBY PRODUCTS LIMITED, CA
[86] (3110989)
[87] (3110989)
[22] 2021-03-03
[30] US (63/048,737) 2020-07-07

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 [25] EN
 [54] SYSTEM FOR PARCEL TRANSPORT AND TRACKING OPERATED RESPONSIVE TO DATA BEARING RECORDS
 [54] SYSTEME DE TRANSPORT DE COLIS ET SUIVI EXPLOITE EN REPONSE A DES DOSSIERS CONTENANT DES DONNEES
 [72] REDFERN, DARREN, CA
 [72] ESTILL, JIM, CA
 [73] DANBY PRODUCTS LIMITED, CA
 [86] (3110992)
 [87] (3110992)
 [22] 2021-03-03
 [30] US (63/048,712) 2020-07-07
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[11] 3,111,325

[13] C

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 [25] EN
 [54] FIDUCIAL MARKER WITH FEEDBACK FOR ROBOTIC SURGERY
 [54] MARQUEUR DE REPÈRE AVEC RETROACTION POUR CHIRURGIE ROBOTISEE
 [72] GARCIA, SADDY, US
 [72] COISEUR, FLORIAN, FR
 [73] ZIMMER BIOMET CMF AND THORACIC, LLC, US
 [85] 2021-03-01
 [86] 2019-09-05 (PCT/US2019/049724)
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[13] C

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[54] COMPOSITION COMPRENANT UN SEL DE CHOLINE D'UN ACIDE GRAS ET SON UTILISATION EN TANT QUE FONGICIDE
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[54] ORDINATEUR HYBRIDE QUANTIQUE-CLASIQUE POUR INFERENCE BAYESIENNE DOTE DE FONCTIONS DE PROBABILITE MAXIMALE POUR UNE ESTIMATION D'AMPLITUDE ROUSTE
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[72] KOH, ENSHAN DAX, US
[72] JOHNSON, PETER D., US
[72] CAO, YUDONG, US
[72] DALLAIRE-DEMERS, PIERRE-LUC, US
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[73] SDG LLC, US
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 [72] MAZOTTI, ROGER, CH
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 [72] LE PENDU, JACQUES, FR
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- [54] **UNITE STANDARD POUR LA CONCEPTION DE PUCE-SYSTEME ET UNITE DE TRAITEMENT DE DONNEES, PUCE D'EXPLOITATION ET APPAREIL DE CALCUL LES UTILISANT**
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[11] **3,177,558**
[13] C

- [51] Int.Cl. H04L 69/22 (2022.01) H04L 67/60 (2022.01) H04L 69/16 (2022.01) H04L 9/32 (2006.01)
- [25] EN
- [54] **COMPUTER SYSTEMS, COMPUTER-IMPLEMENTED METHODS, AND COMPUTER DEVICES FOR PROCESSING A TRANSACTION MESSAGE**
- [54] **SYSTEMES INFORMATIQUES, PROCEDES INFORMATISES ET APPAREILS INFORMATIQUES POUR TRAITER UN MESSAGE TRANSACTIONNEL**
- [72] MOUSSEAU, GARY, CA
- [73] 10353744 CANADA LTD., CA
- [86] (3177558)
- [87] (3177558)
- [22] 2020-04-30
- [62] 3,080,225
- [30] US (62/840,435) 2019-04-30
- [30] US (62/924,303) 2019-10-22

Brevets canadiens délivrés
6 février 2024

[11] 3,177,563

[13] C

[51] Int.Cl. H04L 67/62 (2022.01) H04L 67/61 (2022.01) H04L 43/08 (2022.01) H04L 43/0852 (2022.01)

[25] EN

[54] COMPUTER SYSTEMS,
COMPUTER-IMPLEMENTED
METHODS, AND COMPUTER
DEVICES FOR PROCESSING A
TRANSACTION MESSAGE

[54] SYSTEMES INFORMATIQUES,
PROCEDES INFORMATISES ET
APPAREILS INFORMATIQUES
POUR TRAITER UN MESSAGE
TRANSACTIONNEL

[72] MOUSSEAU, GARY, CA

[73] 10353744 CANADA LTD., CA

[86] (3177563)

[87] (3177563)

[22] 2020-04-30

[62] 3,080,225

[30] US (62/840,435) 2019-04-30

[30] US (62/924,303) 2019-10-22

[11] 3,179,248

[13] C

[51] Int.Cl. C07C 43/23 (2006.01) C07C 39/23 (2006.01) C07C 43/215 (2006.01)

[25] EN

[54] CATALYTIC CANNABINOID
PROCESSES AND PRECURSORS

[54] PROCEDES ET PRECURSEURS DE
CANNABINOÏDES
CATALYTIQUES

[72] ABDUR-RASHID, KAMALUDDIN,
CA

[72] JIA, WENLI, CA

[72] ABDUR-RASHID, KAREEM, CA

[73] KARE CHEMICAL TECHNOLOGIES
INC., CA

[86] (3179248)

[87] (3179248)

[22] 2020-05-20

[62] 3,141,590

[30] US (62/851,837) 2019-05-23

[30] US (62/890,661) 2019-08-23

[11] 3,180,978

[13] C

[51] Int.Cl. C12N 1/21 (2006.01) C12N 1/20 (2006.01) C12N 9/00 (2006.01) C12N 9/04 (2006.01) C12N 9/88 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12N 15/60 (2006.01) C12P 1/04 (2006.01) C12P 5/00 (2006.01) C12P 7/02 (2006.01) C12P 7/28 (2006.01) C12P 7/40 (2006.01)

[25] EN

[54] MICROORGANISM WITH
KNOCK-IN AT ACETOLACTATE
DECARBOXYLASE GENE LOCUS

[54] MICRO-ORGANISME A
INSERTION CIBLEE DE
SEQUENCE AU NIVEAU DU
LOCUS DU GENE DE
L'ACETOLACTATE
DECARBOXYLASE

[72] LEANG, CHING, US

[73] LANZATECH, INC., US

[85] 2022-12-01

[86] 2021-06-04 (PCT/US2021/035926)

[87] (WO2021/248015)

[30] US (63/035,739) 2020-06-06

[11] 3,187,776

[13] C

[51] Int.Cl. B21D 22/16 (2006.01)

[25] EN

[54] FORMING METHOD FOR
AEROSPACE COVER

[54] PROCEDE DE FACONNAGE D'UN
REVETEMENT POUR LE VOL
SPATIAL

[72] DENG, CHENGXU, CN

[72] ZENG, ZHENGJUN, CN

[72] TAO, MINGQING, CN

[72] XIE, WEN, CN

[72] TIAN, YE, CN

[72] ZHANG, MENG, CN

[72] LIU, GAN, CN

[72] TU, QIANG, CN

[72] HAN, YU, CN

[73] SICHUAN AEROSPACE
CHANGZHENG EQUIPMENG
MANUFACTURING CO., LTD., CN

[85] 2022-12-16

[86] 2021-10-21 (PCT/CN2021/125279)

[87] (WO2022/257320)

[30] CN (202110629707.9) 2021-06-07

[11] 3,191,995

[13] C

[51] Int.Cl. G01N 1/14 (2006.01) G01N 35/10 (2006.01)

[25] EN

[54] PIPETTE DISPENSER SYSTEM
AND METHOD

[54] SYSTEME ET PROCEDE DE
DISTRIBUTEUR DE PIPETTES

[72] DENOMME, RYAN CAMERON, CA

[72] IYER, KRISHNA, CA

[72] STERLINA, PATRICK, US

[72] HALL, GORDON H., CA

[72] SUDARSAN, ARJUN, US

[73] NICOYA LIFESCIENCES, INC., CA

[85] 2023-03-07

[86] 2021-09-07 (PCT/CA2021/051231)

[87] (WO2022/051840)

[30] US (63/075,541) 2020-09-08

[30] US (63/139,173) 2021-01-19

[30] US (63/233,607) 2021-08-16

Canadian Patents Issued
February 6, 2024

[11] **3,195,399**

[13] C

[51] Int.Cl. G02C 7/04 (2006.01)

[25] EN

[54] CONTACT LENSES FOR USE IN PREVENTING OR SLOWING THE DEVELOPMENT OR PROGRESSION OF MYOPIA AND RELATED METHODS

[54] LENTILLES DE CONTACT DESTINEES A ETRE UTILISEES DANS LA PREVENTION OU LE RALENTISSEMENT DU DEVELOPPEMENT OU DE LA PROGRESSION DE LA MYOPIE ET PROCEDES ASSOCIES

[72] CHAMBERLAIN, PAUL, US

[72] BRADLEY, ARTHUR, US

[72] ARUMUGAM, BASKAR, US

[72] WEBBER, MARTIN, GB

[72] HAMMOND, DAVID S, US

[73] COOPERVISION INTERNATIONAL LIMITED, GB

[85] 2023-04-12

[86] 2022-04-22 (PCT/GB2022/051022)

[87] (WO2022/229606)

[30] US (63/181,247) 2021-04-29

[11] **3,196,524**

[13] C

[51] Int.Cl. B60G 17/016 (2006.01) B60G 5/04 (2006.01)

[25] EN

[54] VEHICLE SUSPENSION SYSTEM

[54] SYSTEME DE SUSPENSION DE VEHICULE

[72] CLARK, BRIAN, US

[72] ALTON, MILES, US

[72] FASI, ALESSANDRO, IT

[73] TEREX SOUTH DAKOTA, INC., US

[85] 2023-04-24

[86] 2021-11-04 (PCT/US2021/058044)

[87] (WO2022/098863)

[30] US (17/089,016) 2020-11-04

[30] US (17/477,026) 2021-09-16

[11] **3,197,227**

[13] C

[51] Int.Cl. C02F 1/00 (2006.01) C02F 1/44 (2006.01) G01N 1/10 (2006.01) G01N 33/18 (2006.01)

[25] EN

[54] METHODS, APPARATUS, AND SYSTEMS FOR DETECTING AND REMOVING MICROPLASTICS FROM WATER

[54] PROCEDES, APPAREIL ET SYSTEMES POUR DETECTER ET ELIMINER DES MICROPLASTIQUES DANS L'EAU

[72] GUTIERREZ, CARLOS ALBERTO HERNANDEZ, US

[72] JOSE SANCHEZ, AIZA FERNANDA, US

[73] AIZACO LIMITED COMPANY, US

[85] 2023-05-02

[86] 2022-03-22 (PCT/US2022/021423)

[87] (WO2022/204206)

[30] US (63/164,609) 2021-03-23

[11] **3,198,539**

[13] C

[51] Int.Cl. G05B 19/418 (2006.01)

[25] EN

[54] INTERFACE DEVICE FOR CONNECTING PROCESS CONTROLLERS TO OPC UA PEER DEVICES

[54] DISPOSITIF D'INTERFACE DESTINE A CONNECTER DES CONTROLEURS DE PROCESSUS A DES DISPOSITIFS HOMOLOGUES OPC UA

[72] BRAUN, ROLAND, DE

[72] HOERNICKE, MARIO, DE

[73] ABB SCHWEIZ AG, CH

[85] 2023-05-11

[86] 2021-09-15 (PCT/EP2021/075375)

[87] (WO2022/100909)

[30] EP (20207190.8) 2020-11-12

[11] **3,207,503**

[13] C

[51] Int.Cl. B29D 11/00 (2006.01)

[25] EN

[54] METHODS OF MANUFACTURING AN OPHTHALMIC LENS

[54] PROCEDE DE FABRICATION D'UNE LENTILLE OPHTALMIQUE

[72] SAHA, SOURAV, US

[72] CHAMBERLAIN, PAUL, US

[72] BRADLEY, ARTHUR, US

[72] ARUMUGAM, BASKAR, US

[73] COOPERVISION INTERNATIONAL LIMITED, GB

[85] 2023-08-04

[86] 2022-07-27 (PCT/GB2022/051979)

[87] (WO2023/007162)

[30] US (63/227,376) 2021-07-30

[11] **3,207,617**

[13] C

[51] Int.Cl. E06C 1/383 (2006.01) E06C 1/16 (2006.01) E06C 1/28 (2006.01)

[25] EN

[54] LADDER SPREADER

[54] ECARTEUR D'ECHELLE

[72] DICKMAN, JOHN, US

[73] DICKMAN, JOHN, US

[85] 2023-07-06

[86] 2022-01-07 (PCT/US2022/011719)

[87] (WO2022/150658)

[30] US (63/134,868) 2021-01-07

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January 21, 2024 to January 27, 2024

Demandes canadiennes mises à la disposition du public

21 janvier 2024 au 27 janvier 2024

[21] 3,166,105

[13] A1

[51] Int.Cl. B05C 11/04 (2006.01)

[25] EN

[54] A FLEXIBLE, HIGHLY EFFICIENT TOOL FOR SPREADING, SHAPING AND EDGING SILICONE CAULK IN THE CORNERS OF DIFFERENT SIZES AND SECTIONS AFTER EXTRUDING THE SILICONE WITH THE CAULKING GUN ALONG WITH THE REQUIRED PLACE

[54] OUTIL SOUPLE ET TRES EFFICACE POUR ETENDRE, FACONNER ET FINIR UN MATERIAU D'ETANCHEITE DE SILICONE DANS LES COINS DE DIFFERENTES TAILLES ET SECTIONS APRES L'EXTRUSION DU SILICONE A L'AIDE D'UN PISTOLET A CALFEUTRER ET DE L'ESPACE NECESSAIRE

[72] ALOKA, ANIBAL, CA

[71] ALOKA, ANIBAL, CA

[22] 2022-07-22

[41] 2024-01-22

[21] 3,168,417

[13] A1

[51] Int.Cl. G06Q 20/08 (2012.01) G06Q 20/06 (2012.01) G06Q 20/36 (2012.01)

[25] EN

[54] UNIVERSAL DIGITAL PAYMENT PLATFORM

[54] PLATEFORME DE PAIEMENT NUMERIQUE UNIVERSELLE

[72] BORRELLI, CHANTELLE, CA

[72] DAVIS, AUSTIN, US

[71] 12382440 CANADA INC., CA

[22] 2022-07-21

[41] 2024-01-21

[21] 3,168,419

[13] A1

[51] Int.Cl. A23L 2/38 (2021.01) A23L 7/10 (2016.01) A23J 3/14 (2006.01) A23L 2/66 (2006.01)

[25] EN

[54] METHOD OF PRODUCTION OF AN OAT-BASED PROTEIN BEVERAGE USING HYDRODYNAMIC CAVITATION

[54] METHODE DE FABRICATION D'UN BREUVAGE PROTEINE A BASE D'AVOINE PAR CAVITATION HYDRODYNAMIQUE

[72] GORANSON, WAYNE, CA

[71] PLAINS PROTEIN PROCESSING LTD., CA

[22] 2022-07-21

[41] 2024-01-21

[21] 3,168,590

[13] A1

[51] Int.Cl. A61K 49/00 (2006.01) A61M 37/00 (2006.01) C09B 23/10 (2006.01) C09B 69/10 (2006.01)

[25] EN

[54] RATIOMETRIC BIOSENSOR TATTOOS AND USE THEREOF FOR REAL TIME MEASUREMENTS

[54] TATOUAGES A BIOCAPTEUR QUOTIENTOMETRIQUE ET UTILISATION CONNEXE POUR DES MESURES EN TEMPS REEL

[72] BRAMBILLA, DAVIDE, CA

[72] BABITY, SAMUEL, CA

[71] BRAMBILLA, DAVIDE, CA

[71] BABITY, SAMUEL, CA

[22] 2022-07-23

[41] 2024-01-23

[21] 3,168,569

[13] A1

[51] Int.Cl. H02J 7/00 (2006.01) H01R 13/73 (2006.01)

[25] EN

[54] PORTABLE CHARGING ASSEMBLY

[54] ASSEMBLAGE DE RECHARGE PORTATIF

[72] TCHUINTCHUI DE MBOBDA, BLONDON CARLEX, CA

[71] TCHUINTCHUI DE MBOBDA, BLONDON CARLEX, CA

[22] 2022-07-22

[41] 2024-01-22

[21] 3,169,077

[13] A1

[51] Int.Cl. B05C 21/00 (2006.01)

[25] EN

[54] HANDLE

[54] POIGNEE

[72] RIZK, MARK-PIERRE, CA

[72] RIZK, YVES E., CA

[72] GUIRGUIS, FREDDY, CA

[72] SHARMA, SHAM, CA

[71] 1000245527 ONTARIO INC., CA

[22] 2022-07-22

[41] 2024-01-22

[21] 3,169,113

[13] A1

[51] Int.Cl. B65G 25/02 (2006.01) B23Q 7/14 (2006.01)

[25] EN

[54] CONVEYOR SYSTEM WITH AT LEAST THREE AXLE DEVICES

[54] SYSTEME DE CONVOYEUR COMPRENANT AU MOINS TROIS DISPOSITIFS A ESSIEU

[72] FREUNDT, MARTIN, DE

[71] MANZ AG, DE

[22] 2022-07-27

[41] 2024-01-27

Canadian Applications Open to Public Inspection
January 21, 2024 to January 27, 2024

<p style="text-align: right; margin-bottom: 0;">[21] 3,169,116</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. B65G 25/02 (2006.01) B23Q 7/14 (2006.01)</p> <p>[25] EN</p> <p>[54] CONVEYOR SYSTEM WITH PIVOT OFFSET AXLE DEVICE</p> <p>[54] SYSTEME DE CONVOYEUR COMPRENANT UN DISPOSITIF A ESSIEU PERMETTANT UN MOUVEMENT DE COMPENSATION PAR PIVOT</p> <p>[72] FREUNDT, MARTIN, DE</p> <p>[71] MANZ AG, DE</p> <p>[22] 2022-07-27</p> <p>[41] 2024-01-27</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,169,159</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. C08L 89/04 (2006.01) B29C 64/10 (2017.01) B33Y 70/10 (2020.01) C08J 3/075 (2006.01) C08J 3/24 (2006.01) C08K 3/20 (2006.01) C01B 32/198 (2017.01) C07K 14/535 (2006.01) C07K 14/78 (2006.01)</p> <p>[25] EN</p> <p>[54] A PHOTO-CURABLE BIOINK TO FABRICATE ULTRA-STRONG, ELECTROCONDUCTIVE, AND BIOCOMPATIBLE HYDROGEL FOR REGENERATIVE MEDICINE</p> <p>[54] ENCRE BIOPOLYMERÉE PHOTODURCISSABLE POUR FABRIQUER UN HYDROGEL ULTRA-RESISTANT, ELECTROCONDUCTEUR ET BIOCOMPATIBLE POUR LA MEDECINE REGENERATIVE</p> <p>[72] PARK, CHAN HUM, KR</p> <p>[72] LEE, YOUNG JIN, KR</p> <p>[72] AJITERU, OLATUNJI ABOLARIN, KR</p> <p>[72] LEE, OK JOO, KR</p> <p>[72] LEE, JI SEUNG, KR</p> <p>[72] LEE, HAN NA, KR</p> <p>[72] SULTAN, MD TIPU, KR</p> <p>[72] KIM, JANG MIN, KR</p> <p>[72] KWON, OH JUN, KR</p> <p>[72] KIM, JI YE, KR</p> <p>[72] HEO, JI WON, KR</p> <p>[72] KIM, SOON HEE, KR</p> <p>[71] INDUSTRY ACADEMIC COOPERATION FOUNDATION, HALLYM UNIVERSITY, KR</p> <p>[22] 2022-08-01</p> <p>[41] 2024-01-22</p> <p>[30] KR (10-2022-0091120) 2022-07-22</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,169,339</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. G06F 11/36 (2006.01) G06F 9/455 (2018.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR TESTING APPLICATIONS</p> <p>[54] SYSTEME ET METHODE DE MISE A L~ESSAI D~APPLICATIONS</p> <p>[72] AIRD, KEVIN, CA</p> <p>[72] KATHURIA, AAYUSH, CA</p> <p>[72] SUBBUNARAYANAN, PERIYAKARUPPAN, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2022-07-27</p> <p>[41] 2024-01-27</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,169,142</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. F17D 3/01 (2006.01) F16L 55/00 (2006.01) F17D 5/02 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR CONTROLLING LIQUID DISTRIBUTION IN A PIPING ASSEMBLY</p> <p>[54] METHODE ET SYSTEME POUR CONTROLER UNE DISTRIBUTION DE LIQUIDE DANS UN ASSEMBLAGE DE TUVAUTERIE</p> <p>[72] MANNEH, RAOUF, CA</p> <p>[71] MANNEH, RAOUF, CA</p> <p>[22] 2022-07-27</p> <p>[41] 2024-01-27</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,169,409</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. A61K 8/9789 (2017.01) A61K 8/67 (2006.01) A61P 17/00 (2006.01) A61Q 5/02 (2006.01) A61Q 5/12 (2006.01) A61Q 7/00 (2006.01) A61Q 19/00 (2006.01)</p> <p>[25] EN</p> <p>[54] USE OF BRASSICA OLERACEA VARIETY GEMMIFERA (BRUSSEL SPROUT) IN SKIN CARE AND COSMETICS</p> <p>[54] UTILISATION DE BRASSICA OLERACEA VAR. GEMMIFERA (CHOU DE BRUXELLES) DANS LES SOINS DE LA PEAU ET LES PRODUITS DE BEAUTE</p> <p>[72] ENTCHEVA, STELLA, CA</p> <p>[71] ENTCHEVA, STELLA, CA</p> <p>[22] 2022-07-27</p> <p>[41] 2024-01-27</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,169,337</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. A01G 23/06 (2006.01) A01G 3/00 (2006.01)</p> <p>[25] EN</p> <p>[54] A HEAVY-DUTY SHREDDER</p> <p>[54] DECHIQUETEUSE ROUSTE</p> <p>[72] BARBERO, SIMONE, IT</p> <p>[71] DRAGONE S.R.L., IT</p> <p>[22] 2022-07-27</p> <p>[41] 2024-01-27</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,169,420</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. G06Q 50/10 (2012.01) E02F 3/88 (2006.01)</p> <p>[25] EN</p> <p>[54] HYDROVACUUM & STRAIGHT VACUUM DISPATCH APPLICATION</p> <p>[54] APPLICATION DE REPARTITION DE SERVICES DE NETTOYAGE PAR ASPIRATION HYDROVAC OU STRAIGHTVAC</p> <p>[72] MARTINELLO, ANTHONY JAMES, CA</p> <p>[71] MARTINELLO, ANTHONY JAMES, CA</p> <p>[22] 2022-07-27</p> <p>[41] 2024-01-27</p>		

Demandes canadiennes mises à la disponibilité du public
21 janvier 2024 au 27 janvier 2024

<p style="text-align: right;">[21] 3,169,453 [13] A1</p> <p>[51] Int.Cl. C02F 5/08 (2006.01) A01C 3/00 (2006.01) A01K 1/01 (2006.01) C02F 11/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR INHIBITING STRUVITE FORMATION</p> <p>[54] METHODE D~INHIBITION DE LA FORMATION DE STRUVITE</p> <p>[72] VAN SLYKE, JOHN, CA</p> <p>[71] VAN SLYKE, JOHN, CA</p> <p>[22] 2022-07-28</p> <p>[41] 2024-01-27</p> <p>[30] US (17/815,336) 2022-07-27</p> <hr/> <p style="text-align: right;">[21] 3,169,741 [13] A1</p> <p>[51] Int.Cl. B66C 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] PANEL LIFTER FOR WORK VEHICLE</p> <p>[54] APPAREIL DE LEVAGE DE PANNEAU POUR VEHICULE DE TRAVAIL</p> <p>[72] MATESICH, NATE, US</p> <p>[72] BOYD, JAKE, US</p> <p>[72] KHALER, ROB, US</p> <p>[72] CASPER, TRAVIS, US</p> <p>[72] DALY, DEAN, US</p> <p>[72] ARGUE, CHRISTOPHER, US</p> <p>[71] ESI ENERGY SERVICES INC., CA</p> <p>[22] 2022-08-05</p> <p>[41] 2024-01-21</p> <p>[30] US (17/869,944) 2022-07-21</p> <hr/> <p style="text-align: right;">[21] 3,170,056 [13] A1</p> <p>[51] Int.Cl. A47G 19/22 (2006.01) A47G 21/18 (2006.01)</p> <p>[25] EN</p> <p>[54] DRINKING VESSEL WITH SPILL-PROOF LID</p> <p>[54] RECIPIENT A BOIRE COMPRENANT UN COUVERCLE A L~EPREUVE DES RENVERSEMENTS</p> <p>[72] HARRIS, JAMISON COREY, US</p> <p>[72] SPIVEY, PATRICK, US</p> <p>[72] KREAFLÉ, KENNETH, US</p> <p>[71] BASE BRANDS, LLC, US</p> <p>[22] 2022-08-09</p> <p>[41] 2024-01-21</p> <p>[30] US (17/870,683) 2022-07-21</p> <hr/> <p style="text-align: right;">[21] 3,171,504 [13] A1</p> <p>[51] Int.Cl. B65D 50/00 (2006.01) B65D 50/04 (2006.01) E05B 15/00 (2006.01)</p> <p>[25] EN</p> <p>[54] TAMPER RESISTANT GRAVITY LATCH</p> <p>[54] LOQUET ACTIONNE PAR GRAVITE RESISTANT AUX ALTERATIONS</p> <p>[72] FINK, ARMIN, US</p> <p>[72] WILLIAMS, WILLIAM KENNETH, US</p> <p>[72] OLIVA, JOSEPH, US</p> <p>[71] FATH, INC., US</p> <p>[22] 2022-09-08</p> <p>[41] 2024-01-25</p> <p>[30] US (17/872,100) 2022-07-25</p> <hr/> <p style="text-align: right;">[21] 3,177,739 [13] A1</p> <p>[51] Int.Cl. B01F 21/00 (2022.01) C22B 3/02 (2006.01)</p> <p>[25] EN</p> <p>[54] A METAL-DISSOLVING APPARATUS, PROCESSES, AND USES THEREOF</p> <p>[54] APPAREIL DE DISSOLUTION DE METAUX, PROCEDES ET UTILISATIONS CONNEXES</p> <p>[72] PLIKAS, TOM, CA</p> <p>[72] KHERA, AMREEN, CA</p> <p>[72] MALEKI, MAJID, CA</p> <p>[72] VAN DEN BERG, DYLAN, CA</p> <p>[72] FRASER, ROBERT JOHN, CA</p> <p>[71] HATCH LTD., CA</p> <p>[22] 2022-09-29</p> <p>[41] 2024-01-27</p> <p>[30] US (63/392,641) 2022-07-27</p> <hr/> <p style="text-align: right;">[21] 3,179,379 [13] A1</p> <p>[51] Int.Cl. G06V 20/50 (2022.01) G06T 7/10 (2017.01) G16Z 99/00 (2019.01) G06V 10/10 (2022.01)</p> <p>[25] EN</p> <p>[54] AUTOMATED TOOLS FOR INCREMENTAL GENERATION OF BUILDING MAPPING INFORMATION</p> <p>[54] OUTILS AUTOMATISES POUR LA GENERATION PROGRESSIVE DE DONNEES SUR LES PLANS D~UN BATIMENT</p> <p>[72] WAN, ZHIQIANG, US</p> <p>[72] HUTCHCROFT, WILL A., US</p> <p>[72] NARAYANA, MANJUNATH, US</p> <p>[72] BOYADZHIEV, IVAYLO, US</p> <p>[72] LI, YUGUANG, US</p> <p>[71] ZILLOW, INC., US</p> <p>[22] 2022-10-19</p> <p>[41] 2024-01-25</p> <p>[30] US (17/872,914) 2022-07-25</p> <hr/> <p style="text-align: right;">[21] 3,179,673 [13] A1</p> <p>[51] Int.Cl. B60N 2/68 (2006.01) B60N 2/005 (2006.01) B60N 2/015 (2006.01) B60N 2/02 (2006.01)</p> <p>[25] EN</p> <p>[54] FRAME FOR A VEHICLE SEAT AND VEHICLE SEAT WITH THE SAME</p> <p>[54] CHASSIS POUR UN SIEGE DE VEHICULE ET SIEGE DE VEHICULE LE COMPRENANT</p> <p>[72] BRUNS, GERIT, DE</p> <p>[71] BRUNS HOLDING GMBH & CO. KG, DE</p> <p>[22] 2022-10-19</p> <p>[41] 2024-01-22</p> <p>[30] DE (202022104164.4) 2022-07-22</p> <hr/> <p style="text-align: right;">[21] 3,184,787 [13] A1</p> <p>[51] Int.Cl. B65G 47/22 (2006.01) B65G 47/00 (2006.01)</p> <p>[25] EN</p> <p>[54] CONVEYOR SYSTEM WITH LINEAR AXLE ASSEMBLIES</p> <p>[54] SYSTEME DE CONVOYAGE COMPRENANT DES DISPOSITIFS A ESSIEU A ARBRE LINEAIRE</p> <p>[72] FREUNDT, MARTIN, DE</p> <p>[71] MANZ AG, DE</p> <p>[22] 2022-07-27</p> <p>[41] 2024-01-27</p>
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<p style="text-align: right; margin-bottom: 0;">[21] 3,197,965</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. B66C 1/02 (2006.01) B66F 9/18 (2006.01)</p> <p>[25] EN</p> <p>[54] PANEL LIFTER FOR WORK VEHICLE</p> <p>[54] APPAREIL DE LEVAGE DE PANNEAU POUR VEHICULE DE TRAVAIL</p> <p>[72] MATESICH, NATE, US</p> <p>[72] BOYD, JAKE, US</p> <p>[72] KHALER, ROB, US</p> <p>[72] CASPER, TRAVIS, US</p> <p>[72] DALEY, DEAN, US</p> <p>[71] ESI ENERGY SERVICES INC., CA</p> <p>[22] 2023-04-26</p> <p>[41] 2024-01-21</p> <p>[30] US (17/869,944) 2022-07-21</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,201,040</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. B65D 5/52 (2006.01) B65D 25/10 (2006.01) B65D 25/54 (2006.01)</p> <p>[25] EN</p> <p>[54] PRODUCT DISPLAY PACKAGE</p> <p>[54] BOITIER-PRESENTOIR DE PRODUIT</p> <p>[72] GORSKI, GREGG, US</p> <p>[71] GORSKI, GREGG, US</p> <p>[22] 2023-05-29</p> <p>[41] 2024-01-25</p> <p>[30] US (18/128,458) 2023-03-30</p> <p>[30] US (63/392,098) 2022-07-25</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,202,445</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. A24F 40/40 (2020.01) B01J 2/04 (2006.01) B05B 7/16 (2006.01)</p> <p>[25] EN</p> <p>[54] ATOMIZATION ASSEMBLY, ATOMIZER, AND ELECTRONIC ATOMIZATION DEVICE</p> <p>[54] ENSEMBLE DE PULVERISATION, PULVERISATEUR ET DISPOSITIF DE PULVERISATION ELECTRONIQUE</p> <p>[72] QU, HAIYAN, CN</p> <p>[72] XIE, JU, CN</p> <p>[71] SHENZHEN SMOORE TECHNOLOGY LIMITED, CN</p> <p>[22] 2023-06-05</p> <p>[41] 2024-01-22</p> <p>[30] CN (202221930844.2) 2022-07-22</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,198,461</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. B65D 21/032 (2006.01) A47F 1/14 (2006.01) A47F 5/11 (2006.01) B65D 5/42 (2006.01) B65D 5/44 (2006.01)</p> <p>[25] EN</p> <p>[54] LOAD RESISTANT PRODUCT DISPLAY CONTAINER FOR STORAGE, TRANSPORT, AND MERCHANDISING</p> <p>[54] CONTENEUR-PRESENTOIR RESISTANT AUX CHARGES AUX FINS DE STOCKAGE, DE TRANSPORT ET DE VENTE</p> <p>[72] ANDERSON, CONNOR F., US</p> <p>[72] LAWRENCE, ERIC, US</p> <p>[71] THE HERSHEY COMPANY, US</p> <p>[22] 2023-05-02</p> <p>[41] 2024-01-27</p> <p>[30] US (63/392.739) 2022-07-27</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,201,148</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. B65G 69/04 (2006.01) B65G 53/52 (2006.01)</p> <p>[25] EN</p> <p>[54] PNEUMATIC CONVEYANCE LEVELING SYSTEM</p> <p>[54] SYSTEME DE NIVELAGE DE CONVOYEUR PNEUMATIQUE</p> <p>[72] HARMON, ANDREW W., US</p> <p>[71] DEERE & COMPANY, US</p> <p>[22] 2023-05-30</p> <p>[41] 2024-01-25</p> <p>[30] US (17/872,427) 2022-07-25</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,203,405</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. F02C 9/16 (2006.01) F01D 1/02 (2006.01) F01D 9/02 (2006.01) F02C 3/08 (2006.01) F02C 7/00 (2006.01) F02C 9/20 (2006.01) F04D 29/44 (2006.01)</p> <p>[25] EN</p> <p>[54] DIFFUSER AND ASSOCIATED COMPRESSOR SECTION OF AIRCRAFT ENGINE</p> <p>[54] DIFFUSEUR ET SECTION DE COMPRESSEUR CONNEXE D~UN MOTEUR D'AERONEF</p> <p>[72] LEFEBVRE, GUY, CA</p> <p>[72] GOVER, CHRISTOPHER, CA</p> <p>[71] PRATT & WHITNEY CANADA CORP., CA</p> <p>[22] 2023-06-14</p> <p>[41] 2024-01-25</p> <p>[30] US (17/872,242) 2022-07-25</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,199,517</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. G09B 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PILOT TRAINING EVALUATION SYSTEM</p> <p>[54] SYSTEME D~EVALUATION DE L~ENTRAINEMENT DES PILOTES</p> <p>[72] ALVAREZ-PINTOR, MIRIAM C., US</p> <p>[72] BEYGI, SHERVIN, US</p> <p>[72] CHUNG, KELLY ANNE, US</p> <p>[71] THE BOEING COMPANY, US</p> <p>[22] 2023-05-12</p> <p>[41] 2024-01-25</p> <p>[30] US (17/814,719) 2022-07-25</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,201,336</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. B64C 13/50 (2006.01) B64C 13/28 (2006.01) F16H 61/22 (2006.01)</p> <p>[25] EN</p> <p>[54] SPOILER ACTUATOR</p> <p>[54] ACTIONNEUR DE DEPORTEUR</p> <p>[72] POTIER, KARL, FR</p> <p>[72] VANDEVOIR, SEBASTIEN, FR</p> <p>[71] GOODRICH ACTUATION SYSTEMS SAS, FR</p> <p>[22] 2023-05-31</p> <p>[41] 2024-01-27</p> <p>[30] EP (22306118.5) 2022-07-27</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,204,516</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. A01M 31/00 (2006.01) A01M 31/04 (2006.01)</p> <p>[25] EN</p> <p>[54] ELK CALL</p> <p>[54] APPEL DE L~ORIGINAL</p> <p>[72] KRUGER, CHARLES BRONSON, CA</p> <p>[71] KRUGER, CHARLES BRONSON, CA</p> <p>[22] 2023-06-22</p> <p>[41] 2024-01-21</p> <p>[30] US (18/337,874) 2023-06-20</p> <p>[30] US (63/368,986) 2022-07-21</p>

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<p style="text-align: right;">[21] 3,204,889 [13] A1</p> <p>[51] Int.Cl. G05D 1/247 (2024.01) G05D 1/225 (2024.01)</p> <p>[25] EN</p> <p>[54] VEHICLE CONTROL SYSTEM</p> <p>[54] SYSTEME DE COMMANDE DE VEHICULE</p> <p>[72] VRBA, MATTHEW, US</p> <p>[72] TROMBO-SOMERVILLE, BRETT, US</p> <p>[72] ELKIN, AMANDA, US</p> <p>[72] BLACKWELL, JEREMY, US</p> <p>[71] TRANSPORTATION IP HOLDINGS, LLC, US</p> <p>[22] 2023-06-26</p> <p>[41] 2024-01-21</p> <p>[30] US (63/391,181) 2022-07-21</p> <p>[30] US (18/330,833) 2023-06-07</p>	<p style="text-align: right;">[21] 3,205,345 [13] A1</p> <p>[51] Int.Cl. E04F 15/18 (2006.01) E04F 15/08 (2006.01) F24D 3/14 (2006.01)</p> <p>[25] EN</p> <p>[54] UNIVERSAL MEMBRANE CONFIGURED TO BE DIVIDED TO FORM A BASE MEMBRANE AND A COVER MEMBRANE THAT IS COUPLABLE TO THE BASE MEMBRANE TO FORM AN UNCOUPLING MEMBRANE FOR INSTALLATION BETWEEN A SUBFLOOR AND FLOOR TILES</p> <p>[54] MEMBRANE UNIVERSELLE CONFIGUREE POUR ETRE DIVISEE POUR FORMER UNE MEMBRANE DE BASE ET UNE MEMBRANE DE COUVERTURE POUVANT ETRE ACCOUPLEE A LA MEMBRANE DE BASE POUR FORMER UNE MEMBRANE DE DECOUPLAGE A INSTALLER ENTRE UN PLANCHER BRUT ET DES CARREAUX</p> <p>[72] WARNEKE, CHASE, US</p> <p>[72] COLLISON, ALAN B., US</p> <p>[72] BORGMAN, REID, US</p> <p>[71] MP GLOBAL PRODUCTS, L.L.C., US</p> <p>[22] 2023-07-04</p> <p>[41] 2024-01-26</p> <p>[30] US (17/874,029) 2022-07-26</p>	<p style="text-align: right;">[21] 3,206,028 [13] A1</p> <p>[51] Int.Cl. F16H 25/22 (2006.01) B64C 13/24 (2006.01) F16H 25/24 (2006.01)</p> <p>[25] EN</p> <p>[54] SCREW ACTUATORS</p> <p>[54] ACTIONNEURS A VIS</p> <p>[72] PLUCHON, ETIENNE, FR</p> <p>[71] RATIER-FIGEAC SAS, FR</p> <p>[22] 2023-07-05</p> <p>[41] 2024-01-27</p> <p>[30] EP (22306122.7) 2022-07-27</p>
<p style="text-align: right;">[21] 3,204,902 [13] A1</p> <p>[51] Int.Cl. B65B 13/32 (2006.01) B23K 20/10 (2006.01) B29C 65/18 (2006.01) B65B 13/02 (2006.01) B65B 27/10 (2006.01)</p> <p>[25] EN</p> <p>[54] DRIVE ASSEMBLY</p> <p>[54] MECANISME D'ENTRAINEMENT</p> <p>[72] ZERWECK, JASON, US</p> <p>[72] MURPHY, KEVIN, US</p> <p>[71] ABB SCHWEIZ AG, CH</p> <p>[22] 2023-06-26</p> <p>[41] 2024-01-21</p> <p>[30] US (17/814,227) 2022-07-21</p>	<p style="text-align: right;">[21] 3,205,629 [13] A1</p> <p>[51] Int.Cl. E06B 3/58 (2006.01) E04B 1/61 (2006.01)</p> <p>[25] EN</p> <p>[54] FRAME ASSEMBLY SECURING PANELS OF DIFFERING THICKNESSES</p> <p>[54] ASSEMBLAGE DE CHASSIS POUR FIXER DES PANNEAUX DE DIFFERENTES EPAISSEURS</p> <p>[72] LEE, BRADLEY J., US</p> <p>[71] OVERHEAD DOOR CORPORATION, US</p> <p>[22] 2023-06-27</p> <p>[41] 2024-01-25</p> <p>[30] US (17/872,886) 2022-07-25</p>	<p style="text-align: right;">[21] 3,206,034 [13] A1</p> <p>[51] Int.Cl. A24F 40/50 (2020.01) A24F 40/40 (2020.01) A24F 40/51 (2020.01) A24F 40/53 (2020.01)</p> <p>[25] EN</p> <p>[54] ATOMIZING CONTROL METHOD AND ATOMIZING DEVICE</p> <p>[54] METHODE DE COMMANDE DE PULVERISATION ET DISPOSITIF DE PULVERISATION</p> <p>[72] YUAN, HUAKAI, CN</p> <p>[71] SHENZHEN SMOORE TECHNOLOGY LIMITED, CN</p> <p>[22] 2023-07-10</p> <p>[41] 2024-01-22</p> <p>[30] CN (202210866631.6) 2022-07-22</p>
<p style="text-align: right;">[21] 3,204,941 [13] A1</p> <p>[51] Int.Cl. B23K 37/053 (2006.01) B23K 37/00 (2006.01) B65D 63/00 (2006.01)</p> <p>[25] EN</p> <p>[54] CLAMPING ASSEMBLY</p> <p>[54] ENSEMBLE DE SERRAGE</p> <p>[72] ZERWECK, JASON, US</p> <p>[71] ABB SCHWEIZ AG, CH</p> <p>[22] 2023-06-26</p> <p>[41] 2024-01-21</p> <p>[30] US (17/814,225) 2022-07-21</p>	<p style="text-align: right;">[21] 3,205,629 [13] A1</p> <p>[51] Int.Cl. E06B 3/58 (2006.01) E04B 1/61 (2006.01)</p> <p>[25] EN</p> <p>[54] FRAME ASSEMBLY SECURING PANELS OF DIFFERING THICKNESSES</p> <p>[54] ASSEMBLAGE DE CHASSIS POUR FIXER DES PANNEAUX DE DIFFERENTES EPAISSEURS</p> <p>[72] LEE, BRADLEY J., US</p> <p>[71] OVERHEAD DOOR CORPORATION, US</p> <p>[22] 2023-06-27</p> <p>[41] 2024-01-25</p> <p>[30] US (17/872,886) 2022-07-25</p>	<p style="text-align: right;">[21] 3,206,067 [13] A1</p> <p>[25] EN</p> <p>[54] HYDROPHILIC MATERIAL AND COATING FOR AUTOMOTIVE LIDAR SENSOR COVERS</p> <p>[54] MATERIAU HYDROPHILE ET REVETEMENT POUR COUVERCLES DE CAPTEURS LIDAR AUTOMOBILES</p> <p>[72] PAO, WING LI, CA</p> <p>[72] LI, LONG, CA</p> <p>[72] AGELIN-CHAAB, MARTIN, CA</p> <p>[72] BALTAZAR-Y-JIMENEZ, ALEXIS, US</p> <p>[72] KNUTZEN, JULIAN, CA</p> <p>[71] MAGNA EXTERIORS INC., CA</p> <p>[22] 2023-07-11</p> <p>[41] 2024-01-22</p> <p>[30] US (63/391,375) 2022-07-22</p>

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[13] A1
[51] Int.Cl. A47F 10/06 (2006.01) A47B 31/02 (2006.01) A47J 39/00 (2006.01)
[25] EN
[54] CABINET FOR HOLDING FOOD PRODUCTS
[54] ARMOIRE POUR RANGER DES PRODUITS ALIMENTAIRES
[72] GUTIERREZ, JUAN, US
[72] PUSHPALA, SREEKANTH, US
[71] CARTER-HOFFMANN, LLC, US
[22] 2023-07-13
[41] 2024-01-22
[30] US (63/391,369) 2022-07-22
[30] US (63/521,218) 2023-06-15

[21] 3,206,625
[13] A1
[51] Int.Cl. B62D 55/20 (2006.01) B62D 55/06 (2006.01) B62D 55/26 (2006.01) B62D 55/275 (2006.01)
[25] EN
[54] VEHICLE TRACK PAD ASSEMBLY
[54] ASSEMBLAGE DE PLAQUETTE DE CHENILLE DE VEHICULE
[72] GOODLOE, JOHN BENNETT, US
[72] SUGG, JAMES WESLEY, US
[72] ATHERTON, RICHARD FREDERICK, US
[71] TRANSPORTATION IP HOLDINGS, LLC, US
[22] 2023-07-14
[41] 2024-01-21
[30] US (63/391,171) 2022-07-21
[30] US (18/350,123) 2023-07-11

[21] 3,206,688
[13] A1
[25] EN
[54] BURNER ARRANGEMENT FOR SYNTHESIS GAS PRODUCTION
[54] CONFIGURATION DE BRULEUR POUR LA PRODUCTION DE GAZ DE SYNTHESE
[72] ULMER, DIETER, DE
[72] WEIGAND, PETER, DE
[72] SCHLICHTING, HOLGER, DE
[72] WALTER, STEFAN, DE
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[22] 2023-07-14
[41] 2024-01-21
[30] EP (22020352.5) 2022-07-21

[21] 3,206,726
[13] A1
[51] Int.Cl. H04L 9/08 (2006.01)
[25] EN
[54] A QUANTUM KEY DISTRIBUTION DEVICE AND METHOD SUITABLE FOR ESTABLISHING A GLOBAL QUANTUM KEY DISTRIBUTION NETWORK
[54] DISPOSITIF DE DISTRIBUTION DE CLE QUANTIQUE ET METHODE ADAPTEE POUR L'ETABLISSEMENT D'UN RESEAU DE DISTRIBUTION MONDIAL DE CLES QUANTIQUES
[72] VINOKUR, VALERII M., CH
[72] KIRSANOV, NIKITA S., CH
[72] LESOVIK, GORDEY B., CH
[72] SEKATSKI, PAVEL, CH
[72] KOLYBELNIKOV, ALEXANDER, CH
[72] PASTUSHENKO, VALERIA, CH
[72] KODUKHOV, ALEXEY, CH
[71] TERRA QUANTUM AG, CH
[22] 2023-07-14
[41] 2024-01-22
[30] EP (22186505.8) 2022-07-22

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[13] A1
[51] Int.Cl. H05B 47/195 (2020.01) H05B 47/11 (2020.01) H05B 47/19 (2020.01)
[25] EN
[54] CONTROLLING BEACONING OF A WIRELESS LIGHTING INTERFACE WITH A LIGHT SOURCE
[54] CONTROLE DE BALISAGE D'UNE INTERFACE D'ECLAIRAGE SANS FIL AVEC UNE SOURCE LUMINEUSE
[72] SELVARAJ, GOMES SAM, US
[72] DOWNS, STEVEN, US
[72] ZAVERUHA, RYAN, US
[71] ABL IP HOLDING LLC, US
[22] 2023-07-18
[41] 2024-01-22
[30] US (17/871,300) 2022-07-22

[21] 3,206,979
[13] A1
[51] Int.Cl. A61B 10/00 (2006.01)
[25] EN
[54] HOLDER FOR PERSONAL SAMPLE CONTAINER
[54] SUPPORT POUR UN CONTENANT D'ECHANTILLONS PERSONNELS
[72] FLOKSTRA, DANIEL ROBERT, CA
[72] KOOP, AMANDA, CA
[71] P-STIK MEDICAL SUPPLIES INC., CA
[22] 2023-07-18
[41] 2024-01-21
[30] US (63/391,048) 2022-07-21

[21] 3,206,987
[13] A1
[25] EN
[54] A MEASUREMENT INSTRUMENT FOR DETERMINING ALCOHOL BY VOLUME, SPECIFIC GRAVITY, AND CALORIES OF AN ALCOHOLIC BEVERAGE
[54] INSTRUMENT DE MESURE POUR DETERMINER LE DEGRE D'ALCOOL, LA DENSITE ET LES CALORIES D'UN BREUVAGE ALCOOLIQUE
[72] WILLIAMSON, GRANT, US
[72] JORDAN, BENJAMIN M., US
[72] WENTHE, ISABELLA M., US
[72] LETOURNEAU, ANDREW D., US
[71] ABV TECHNOLOGY, INC., US
[22] 2023-07-19
[41] 2024-01-27
[30] US (63/392,679) 2022-07-27

[21] 3,206,998
[13] A1
[51] Int.Cl. B25C 1/06 (2006.01) B25C 5/15 (2006.01)
[25] EN
[54] FIRMWARE CONTROL PROVIDING A SOFT STOP ON COMPRESSION DRIVE NAILER
[54] CONTROLE DE MICROLOGICIEL FOURNISSANT UN ARRET DOUX DE CLOUEUSE A ENTRAINEMENT PAR COMPRESSION
[72] POMEROY, EDWARD A., US
[72] WATSON, ELTON L., US
[72] CLACK, JUSTIN, US
[72] JOHNSON, HENRY T., US
[71] TECHTRONIC CORDLESS GP, US
[22] 2023-07-19
[41] 2024-01-22
[30] US (63/391,620) 2022-07-22

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[21] **3,207,017**
[13] A1

[25] FR
[54] **SYSTEM, ASSEMBLY AND METHOD FOR SEPARATING A FLOW OF TABLETS COMPRESSED USING A COMPACTION DEVICE**
[54] **SISTÈME, ENSEMBLE ET PROCÉDÉ DE SÉPARATION D'UN FLUX DE TABLETTES COMPACTÉES PAR UN DISPOSITIF DE COMPACTION**
[72] HERVE, PALMIER, FR
[71] BONALS TECHNOLOGIES, FR
[22] 2023-07-19
[41] 2024-01-21
[30] EP (22306086.4) 2022-07-21

[21] **3,207,038**
[13] A1

[51] Int.Cl. A61F 2/30 (2006.01) A61B 17/56 (2006.01) A61F 2/38 (2006.01) A61F 2/40 (2006.01) A61F 2/42 (2006.01) A61F 2/46 (2006.01)
[25] EN
[54] **PROSTHESIS SUPPORTED TISSUE REPAIR SYSTEM AND METHOD**
[54] **SISTÈME ET MÉTHODE DE RÉPARATION TISSULAIRE SUR PROTHÈSE**
[72] WINSLOW, NATHAN A., US
[71] BIOMET MANUFACTURING, LLC, US
[22] 2023-07-19
[41] 2024-01-21
[30] US (63/391,116) 2022-07-21

[21] **3,207,163**
[13] A1

[51] Int.Cl. F25D 23/02 (2006.01) A47F 3/04 (2006.01) E05F 5/06 (2006.01) E06B 7/22 (2006.01)
[25] EN
[54] **SOFT CLOSE DEVICE FOR DOORS**
[54] **DISPOSITIF DE FERMETURE DOUCE POUR LES PORTES**
[72] RODRIGUEZ, ADRIAN, US
[72] SANDNES, MARK, US
[71] ANTHONY, INC., US
[22] 2023-07-20
[41] 2024-01-21
[30] US (63/391,019) 2022-07-21

[21] **3,207,171**
[13] A1

[51] Int.Cl. E04F 13/08 (2006.01) E04B 1/38 (2006.01) E04B 1/41 (2006.01) E04F 13/22 (2006.01) F16M 13/02 (2006.01)
[25] EN
[54] **BRACKET ANCHOR**
[54] **ANCRAGE DE SUPPORT**
[72] YILMAZ, DERSU, DE
[72] STIBITZ, NICO, DE
[72] ROSSEL, HENNING, DE
[72] MULOW, STEPHAN, DE
[71] POHLCON GMBH, DE
[22] 2023-07-20
[41] 2024-01-22
[30] DE (10 2022 002 680.5) 2022-07-22

[21] **3,207,186**
[13] A1

[51] Int.Cl. H04L 47/431 (2022.01) H04N 21/236 (2011.01)
[25] EN
[54] **RECONSTRUCTION OF CBR TRANSPORT STREAMS**
[54] **RECONSTITUTION DE FLUX DE TRANSPORT A DEBIT BINAIRE CONSTANT**
[72] HARRIS, RHODRI, US
[72] CLEWER, DAVID, US
[72] PAGE, JONATHAN, US
[71] MK SYSTEMS USA INC., US
[22] 2023-07-20
[41] 2024-01-22
[30] US (17/871,055) 2022-07-22

[21] **3,207,216**
[13] A1

[51] Int.Cl. G06F 8/30 (2018.01) G06F 8/40 (2018.01)
[25] EN
[54] **METHOD AND SYSTEM FOR PERFORMING AUTOMATIC SOURCE CODE GENERATION FOR USE IN A DATA TRANSFORMATION PROCESS**
[54] **MÉTHODE ET SISTÈME POUR LA REALISATION D'UNE GENERATION AUTOMATIQUE DE CODE SOURCE AUX FINS D'UTILISATION DANS LE CADRE D'UN PROCÉDÉ DE TRANSFORMATION DE DONNÉES**
[72] ZHAI, YUN, CA
[72] ZHENG, KAI, CA
[72] OLIVEROS, WILFREDO, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2023-07-21
[41] 2024-01-22
[30] US (63/391,634) 2022-07-22

[21] **3,207,254**
[13] A1

[51] Int.Cl. E21B 4/02 (2006.01) E21B 43/12 (2006.01) F04C 13/00 (2006.01) F04C 15/00 (2006.01) F04C 27/00 (2006.01) F04D 29/056 (2006.01) F04D 29/10 (2006.01) F04D 29/66 (2006.01) F16C 17/02 (2006.01) F16C 33/20 (2006.01) F16C 33/24 (2006.01) F16C 33/74 (2006.01)
[25] EN
[54] **ROTOR BEARING SYSTEM**
[54] **SISTÈME DE PALIER DE ROTOR**
[72] GUIDRY, MICHAEL J., US
[72] ALVARADO, DANIEL, US
[71] NATIONAL OILWELL VARCO, L.P., US
[22] 2023-07-07
[41] 2024-01-22
[30] US (17/814,326) 2022-07-22

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<p style="text-align: right;">[21] 3,207,264 [13] A1</p> <p>[51] Int.Cl. F02C 9/16 (2006.01) F02K 1/06 (2006.01) [25] EN [54] FLOW DEFLECTOR FOR APERTURE IN GAS TURBINE ENGINE FLOWPATH WALL [54] DEFLECTEUR DE DEBIT POUR UNE OUVERTURE DANS UNE PAROI D~UN CIRCUIT D~ECOULEMENT D~UNE TURBINE A GAZ [72] GHOOJDI, TAHEREH MIRMOHAMMADI, CA [71] PRATT & WHITNEY CANADA CORP., CA [22] 2023-07-21 [41] 2024-01-22 [30] US (17/871,582) 2022-07-22</p>	<p style="text-align: right;">[21] 3,207,347 [13] A1</p> <p>[51] Int.Cl. C02F 1/56 (2006.01) C02F 1/52 (2006.01) [25] EN [54] METHOD AND SYSTEM FOR CLARIFYING WATER [54] PROCEDE ET SYSTEME POUR CLARIFIER L'EAU [72] HANNA, GERALD, CA [71] CLEARFLOW GROUP INC., CA [22] 2023-07-24 [41] 2024-01-27 [30] US (63/392,856) 2022-07-27</p>	<p style="text-align: right;">[21] 3,207,396 [13] A1</p> <p>[51] Int.Cl. F03D 80/40 (2016.01) F03D 17/00 (2016.01) [25] EN [54] WIND TURBINE ICE PROTECTION SYSTEM [54] SYSTEME DE PROTECTION CONTRE LA GLACE POUR UNE EOLIENNE [72] ROEPER, DANIELA, CA [72] DOERING, RILEY, CA [72] BAXTER, DYLAN, CA [71] BOREALIS WIND INC., CA [22] 2023-07-21 [41] 2024-01-27 [30] US (63/392,725) 2022-07-27</p>
<p style="text-align: right;">[21] 3,207,319 [13] A1</p> <p>[25] EN [54] OBSTRUCTION FEATURE FOR ENSURING PROPER CONNECTIVITY OF A CABLE ASSEMBLY [54] CARACTERISTIQUE DE BLOCAGE POUR ASSURER LA BONNE CONNECTIVITE D~UN ENSEMBLE CABLE [72] MADDEN, JEFFREY J., US [72] JUILLET, CHRISTOPHER A., US [72] LUZZI, GLENN J., US [72] ANARKULOV, ASAN T., US [71] RICHARDS MFG. CO., A NEW JERSEY LIMITED PARTNERSHIP, US [22] 2023-07-21 [41] 2024-01-22 [30] US (63/369,217) 2022-07-22 [30] US (63/371,321) 2022-08-12 [30] US (18/354,520) 2023-07-18 [30] US (18/355,235) 2023-07-19</p>	<p style="text-align: right;">[21] 3,207,360 [13] A1</p> <p>[51] Int.Cl. H04L 69/18 (2022.01) H04L 12/16 (2006.01) G01F 23/296 (2022.01) [25] EN [54] SYSTEMS INCLUDING FUEL STATION AND POWER STATION [54] SYSTEMES COMPRENANT UNE STATION DE CARBURANT ET UNE CENTRALE [72] MORAFLALLOS, MAURICIO, US [72] RAMIREZ, JAVIER, US [72] GONZALEZ, MIGUEL, US [71] PROPANE FUELING SOLUTIONS LLC, US [22] 2023-07-24 [41] 2024-01-26 [30] US (18/355,852) 2023-07-20 [30] US (63/369,491) 2022-07-26</p>	<p style="text-align: right;">[21] 3,207,397 [13] A1</p> <p>[25] EN [54] DETECTION OF AIRBORNE ANALYTES USING IMPRINTED MICELLES [54] DETECTION DES ANALYTES DANS L~AIR AU MOYEN DE MICELLES MARQUEES [72] MORRISON, SAMUEL S., US [72] HUBBARD, LANCE R., US [72] ALLEN, CALEB J., US [72] SIMS, AMY C., US [72] O'HARA, MATTHEW J., US [72] UHNAK, NICOLAS E., US [71] BATTELLE MEMORIAL INSTITUTE, US [22] 2023-07-24 [41] 2024-01-27 [30] US (63/392,780) 2022-07-27</p>
<p style="text-align: right;">[21] 3,207,391 [13] A1</p> <p>[25] EN [54] INTAKE MANIFOLD [54] COLLECTEUR D'ADMISSION [72] RODRIGUEZ, MARTIN, US [72] HUBER, THOMAS M., US [71] DIXON VALVE & COUPLING COMPANY, LLC, US [22] 2023-07-20 [41] 2024-01-22 [30] US (17/871,305) 2022-07-22</p>		

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<p style="text-align: right;">[21] 3,207,405 [13] A1</p> <p>[51] Int.Cl. G16H 50/30 (2018.01) G16H 50/20 (2018.01) G06N 20/00 (2019.01) G06F 18/24 (2023.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR PROVIDING A CLINICAL DECISION SUPPORT, CORRESPONDING SYSTEM FOR PROVIDING A CLINICAL DECISION SUPPORT, AND COMPUTER PROGRAM PRODUCT</p> <p>[54] METHODE D~AIDE AUX DECISIONS CLINIQUES, SYSTEME CORRESPONDANT D~AIDE AUX DECISIONS CLINIQUES ET PROGRAMME INFORMATIQUE</p> <p>[72] MANGANARO, LORENZO, IT [72] SABBATINI, GIANMARCO, IT [72] BIANCO, SELENE, IT [72] CIPOLLINI, FRANCESCA, IT [72] COLOMBI, DAVIDE, IT [72] VATTAKUNNEL, SHAJI, IT [72] FALCO, PAOLO, IT [71] AIZOON S.R.L., IT [22] 2023-07-24 [41] 2024-01-25 [30] IT (102022000015624) 2022-07-25</p>	<p style="text-align: right;">[21] 3,207,418 [13] A1</p> <p>[25] EN</p> <p>[54] TRAILER TRACKING AND DETECTION SYSTEM</p> <p>[54] SISTÈME DE SUIVI ET DE DETECTION DE REMORQUE</p> <p>[72] MILLER, MATTHEW, US [71] LANDSTAR SYSTEM HOLDINGS, INC., US [22] 2023-07-24 [41] 2024-01-26 [30] US (63/392,415) 2022-07-26 [30] US (63/432,263) 2022-12-13</p>	<p style="text-align: right;">[21] 3,207,510 [13] A1</p> <p>[51] Int.Cl. A47F 3/04 (2006.01) E05F 15/611 (2015.01) E05F 15/73 (2015.01) F25D 23/02 (2006.01)</p> <p>[25] EN</p> <p>[54] DISPLAY CASE DOOR WITH TOUCHLESS OPENING</p> <p>[54] PORTE DE PRESENTOIR A OUVERTURE SANS CONTACT</p> <p>[72] RODRIGUEZ, ADRIAN, US [71] ANTHONY, INC., US [22] 2023-07-24 [41] 2024-01-27 [30] US (17/815,422) 2022-07-27</p>
<p style="text-align: right;">[21] 3,207,413 [13] A1</p> <p>[25] EN</p> <p>[54] PROCESSES FOR QUANTITATIVE CALCIUM SULFATE PHASE ANALYSIS AND USES THEREOF</p> <p>[54] PROCEDES POUR L~ANALYSE QUANTITATIVE DE PHASE DE SULFATE DE CALCIUM ET UTILISATIONS CONNEXES</p> <p>[72] JONES, ROGER, US [72] KHALKHALI, MOHAMMAD, CA [72] LU, YI, CA [72] LIU, QINGXIA, CA [72] GHOSH, ANIRBAN, US [72] LESPIAT, REMI, US [71] CERTAINTEED GYPSUM, INC., US [22] 2023-07-24 [41] 2024-01-22 [30] US (63/369,168) 2022-07-22</p>	<p style="text-align: right;">[21] 3,207,468 [13] A1</p> <p>[51] Int.Cl. A61G 7/005 (2006.01) A61G 7/05 (2006.01)</p> <p>[25] EN</p> <p>[54] PATIENT SUPPORT</p> <p>[54] SUPPORT POUR PATIENT</p> <p>[72] SHIMODA, ROBYN YUKIE, US [72] ALVAREZ, RYAN ARIEL, US [72] GALER, JAMES K., US [72] CHEADLE, BRIAN, US [72] SCHARIK III, DAVID, US [71] STRYKER CORPORATION, US [22] 2023-07-21 [41] 2024-01-22 [30] US (63/391,436) 2022-07-22</p>	<p style="text-align: right;">[21] 3,207,512 [13] A1</p> <p>[25] EN</p> <p>[54] DETECTING CHANGES IN FOREST COMPOSITION</p> <p>[54] DETECTION DES CHANGEMENTS DANS LA COMPOSITION FORESTIERE</p> <p>[72] KHATAMI, REZA, US [72] O'LEARY, DONAL, US [72] GOLINKOFF, JORDAN, US [71] FINITE CARBON CORPORATION, US [22] 2023-07-25 [41] 2024-01-26 [30] US (17/815,199) 2022-07-26</p>
<p style="text-align: right;">[21] 3,207,508 [13] A1</p> <p>[51] Int.Cl. B66F 7/28 (2006.01) B60S 5/06 (2019.01) F16M 11/20 (2006.01)</p> <p>[25] EN</p> <p>[54] REINFORCING FRAME FIXTURE FOR ELECTRIC VEHICLES</p> <p>[54] APPAREIL DE RENFORCEMENT DE CHASSIS POUR VEHICULES ELECTRIQUES</p> <p>[72] KUTER-ARNEBECK, OTTOLEO, US [72] WEIR, NICHOLAS H., US [72] GABBEY, NICHOLAS A., US [72] GREENE, CHRISTIAN P., US [71] SNAP-ON INCORPORATED, US [22] 2023-07-24 [41] 2024-01-25 [30] US (17/872,400) 2022-07-25</p>	<p style="text-align: right;">[21] 3,207,523 [13] A1</p> <p>[51] Int.Cl. E04G 9/10 (2006.01) E04G 9/08 (2006.01)</p> <p>[25] EN</p> <p>[54] ADJUSTABLE MARGINAL WALL FOR FORM PANELS USED FOR CASTING CASTABLE MATERIAL AND METHOD OF CASTING CASTABLE MATERIAL</p> <p>[54] PAROI MARGINALE AJUSTABLE POUR DES PANNEAUX DE COFFRAGE UTILISES POUR COULER UN MATERIAU A MOULER ET METHODE DE COULAGE DU MATERIAU A MOULER</p> <p>[72] MALTAIS, PATRICK, CA [72] SAUVAGEAU, JASMIN, CA [71] MSP STRUCTURES INC., CA [22] 2023-07-25 [41] 2024-01-26 [30] US (63/392,178) 2022-07-26</p>	

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<p style="text-align: right;">[21] 3,207,541 [13] A1</p> <p>[51] Int.Cl. B23K 33/00 (2006.01) B23K 26/21 (2014.01) B23K 26/60 (2014.01) B23K 20/12 (2006.01) B23K 20/24 (2006.01) B23K 31/02 (2006.01)</p> <p>[25] EN</p> <p>[54] A VARIABLE GAGE BLANK</p> <p>[54] DECOUPE D~EPAISSEUR VARIABLE</p> <p>[72] EISENMAYER, MARK, US</p> <p>[72] HUISMAN, WAYNE, US</p> <p>[72] LUTHER, ISAAC, US</p> <p>[71] TWB COMPANY, LLC, US</p> <p>[22] 2023-07-05</p> <p>[41] 2024-01-26</p> <p>[30] US (17/873388) 2022-07-26</p> <hr/> <p style="text-align: right;">[21] 3,207,556 [13] A1</p> <p>[51] Int.Cl. F28B 9/08 (2006.01) A61B 90/70 (2016.01) A61L 2/16 (2006.01) F28B 1/02 (2006.01) F28B 3/04 (2006.01)</p> <p>[25] EN</p> <p>[54] FLUID INTERCEPTION DEVICE FOR A MEDICAL CLEANING SYSTEM</p> <p>[54] DISPOSITIF D~INTERCEPTION DE FLUIDE POUR UN SYSTEME DE NETTOYAGE MEDICAL</p> <p>[72] MAIER, KLAUS, IT</p> <p>[72] MAGNO, MARINO LUIGI, IT</p> <p>[72] BARIGAZZI, MARCO, IT</p> <p>[72] CROTTI, ALEX, IT</p> <p>[72] BIANCHI, ANDREA, IT</p> <p>[72] CORNELLI, ANGELO, IT</p> <p>[72] BETTINESCHI, DANIELE, IT</p> <p>[71] W & H STERILIZATION S.R.L., IT</p> <p>[22] 2023-07-26</p> <p>[41] 2024-01-27</p> <p>[30] IT (102022000015843) 2022-07-27</p>	<p style="text-align: right;">[21] 3,207,581 [13] A1</p> <p>[51] Int.Cl. E04F 13/07 (2006.01) E04C 2/30 (2006.01)</p> <p>[25] EN</p> <p>[54] BUILDING SURFACE PRODUCT INCLUDING EMBEDDED FASTENER, BUILDING SURFACE SYSTEM, AND METHOD OF MANUFACTURE</p> <p>[54] PRODUIT DE REVETEMENT DE BATIMENT COMPRENANT UNE ATTACHE INTEGREE, SYSTEME DE REVETEMENT DE BATIMENT ET METHODE DE FABRICATION</p> <p>[72] HULL, MICHAEL, US</p> <p>[72] MOLONY, EVAN, US</p> <p>[72] LENTLIE, WILLIAM, US</p> <p>[71] CERTAINTEED GYPSUM, INC., US</p> <p>[22] 2023-07-26</p> <p>[41] 2024-01-26</p> <p>[30] US (63/392,287) 2022-07-26</p> <hr/> <p style="text-align: right;">[21] 3,207,596 [13] A1</p> <p>[51] Int.Cl. G16H 30/20 (2018.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR TRANSFERRING MULTI-FRAME IMAGE DATA</p> <p>[54] SYSTEMES ET METHODES DE TRANSFERT DE DONNEES D~IMAGES A TRAMES MULTIPLES</p> <p>[72] YELETI, RAHUL, US</p> <p>[72] HEALY, KATHERINE, US</p> <p>[72] SCHESTOPOL, BEN, US</p> <p>[72] DURGEMPUDI, PAVAN, US</p> <p>[71] IDEXX LABORATORIES, INC., US</p> <p>[22] 2023-07-26</p> <p>[41] 2024-01-27</p> <p>[30] US (63/392,853) 2022-07-27</p>	<p style="text-align: right;">[21] 3,207,621 [13] A1</p> <p>[51] Int.Cl. G06T 19/00 (2011.01) G06T 7/00 (2017.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR IMPLEMENTING OBJECT PERMANENCE IN A SIMULATED ENVIRONMENT</p> <p>[54] SYSTEMES, METHODES ET PROGRAMMES INFORMATIQUES POUR LA MISE EN OEUVRE DE LA PERMANENCE DES OBJETS DANS UN ENVIRONNEMENT SIMULE</p> <p>[72] MOORE, JONATHAN, CA</p> <p>[72] FAJEAU, EMMA, CA</p> <p>[71] SANCTUARY COGNITIVE SYSTEMS CORPORATION, CA</p> <p>[22] 2023-07-26</p> <p>[41] 2024-01-27</p> <p>[30] US (63392621) 2022-07-27</p> <hr/> <p style="text-align: right;">[21] 3,207,630 [13] A1</p> <p>[51] Int.Cl. B65B 1/04 (2006.01) A61J 1/03 (2023.01) A61J 1/14 (2006.01) A61L 2/00 (2006.01) B65B 7/28 (2006.01) B65D 77/20 (2006.01)</p> <p>[25] EN</p> <p>[54] DEVICE FOR SEPARATING, TREATING AND REJOINING MULTIPiece OBJECTS</p> <p>[54] DISPOSITIF POUR SEPARER, TRAITER ET REASSEMBLER DES OBJETS MULTIPieces</p> <p>[72] BIHLMAIER, JONATHAN, DE</p> <p>[72] MORSCHETT, ROBERT, DE</p> <p>[72] CHAMBERS, GARRY, DE</p> <p>[72] JUNGER, MICHAEL CARL, DE</p> <p>[72] LEMAIRE, PIERRE ARMAND VINCENT, DE</p> <p>[71] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH, DE</p> <p>[22] 2023-07-25</p> <p>[41] 2024-01-25</p> <p>[30] EP (22 186 783.1) 2022-07-25</p>
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[72] NICLI, SAURO, CH
[72] NICOLOV, KALIN, CH
[72] TRECCANI, ADRIEN, CH
[72] PEREIRO BARRUETA, CRISTINA, CH
[71] SICPA HOLDING SA, CH
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[72] SELVARAJ, ANAND, US
[72] SMITH, PETER, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[71] SELVARAJ, ANAND, US
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[54] DESINTEGRATEURS DE DIMERES EGFR ET LEURS UTILISATIONS
[72] NYATI, MUKESH K., US
[72] LAWRENCE, THEODORE S., US
[72] WHITEHEAD, CHRISTOPHER, US
[72] RECH, JASON CHRISTOPHER, US
[72] WATCH, BRENNAN TAYLOR, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] COMBINAISONS D'INHIBITEURS DE RIPK1 ET D'IKK POUR LA PREVENTION OU LE TRAITEMENT DE MALADIES IMMUNITAIRES
[72] PASPARAKIS, MANOLIS, DE
[72] OIKONOMOU, NIKOS, DE
[72] POLYKRATIS, APOSTOLOS, DE
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[71] BAYER AKTIENGESELLSCHAFT, DE
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[54] METHODE DE COMMANDE D'UN ARTICLE VIRTUEL, ET APPAREIL, TERMINAL ET SUPPORT DE STOCKAGE
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[72] TIAN, CONG, CN
[72] QIU, MENG, CN
[72] HE, JINGJING, CN
[72] ZOU, DANCHENG, CN
[72] LIU, BOYI, CN
[72] CUI, WEIJIAN, CN
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 - [72] NOWICKI, JAMES, US
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- [72] BAEK, SEUNGGUL, KR
- [72] KWON, YOUNG JIK, US
- [72] MOHAMMAD, SAAD NOOR, US
- [72] KIM, IKSOO, KR
- [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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 - [72] DUAN, ZHENZHONG, CN
 - [72] WANG, XING, CN
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- [72] VOGL, ANDREAS, NO
- [72] DAHL, TOBIAS, NO
- [71] SINTEF TTO AS, NO
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 - [72] WILLIAMS, CHARLES TERRELL, US
 - [72] LA FLEUR, EDWARD EWART, US
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- [54] ACIDES NUCLEIQUES, VECTEURS, CELLULES HOTES ET PROCEDES DE PRODUCTION DE FRUCTOSYLTRANSFERASE A PARTIR D'ASPERGILLUS JAPONICUS
- [72] BEERAM, RAVI CHANDRA, IN
- [72] SINHA, DIPANWITA, IN
- [72] MUSUKU, BHARATH BABU, IN
- [72] ARE, CHIRANJEEVI, IN
- [72] KUMAR, DEEPIKA, IN
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[72] PATEL, PRINA RAJENDRA KUMAR, GB
[72] STEPHENS, JEREMY ROBERT, GB
[72] DEWAR, MICHAEL ALAN, GB
[71] VOCALINK LIMITED, GB
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[54] COMPOSES PEPTIDIQUES POUR REDUIRE LES EFFETS SECONDAIRES D'AGONISTES DU RECEPTEUR CB1
[72] CASADO BURILLO, VICENT, ES
[72] MORENO GUILLEN, ESTEFANIA, ES
[72] MALDONADO LOPEZ, RAFAEL, ES
[72] ANDREU MARTINEZ, DAVID, ES
[72] GALLO, MARIA, ES
[72] PARDO CARRASCO, LEONARDO, ES
[72] CASTANHO, MIGUEL, PT
[72] NEVES, VERA, PT
[72] CAVACO, MARCO, PT
[71] UNIVERSITAT DE BARCELONA, ES
[71] UNIVERSITAT POMPEU FABRA, ES
[71] UNIVERSITAT AUTONOMA DE BARCELONA, ES
[71] INSTITUTO DE MEDICINA MOLECULAR JOAO LOBO ANTUNES, PT
[71] FACULDADE DE MEDICINA DA UNIVERSIDADE DE LISBOA, PT
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[72] WHETSTINE, JOHNATHAN R., US
[72] CLARKE, THOMAS L., US
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[54]
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[72] YOO, JI SANG, KR
[72] MOON, CHI JANG, KR
[72] PARK, SHIN YOUNG, KR
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[54] DISPOSITIF REFROIDISSEUR A REGULATION DE TEMPERATURE ACTIVE
[72] ALEXANDER, CLAYTON, US
[72] MULINTI, RAHUL, US
[72] LEITH, DAREN JOHN, US
[72] TIMPERI, MIKKO JUHANI, US
[72] WAKEHAM, CHRISTOPHER THOMAS, US
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 [54] METHOD FOR PRODUCING A MOULDED PULP MATERIAL FOR PACKAGING UNIT AND SUCH PACKAGING UNIT
 [54] PROCEDE DE PRODUCTION D'UN MATERIAU EN CELLULOSE MOULEE POUR UNITE D'EMBALLAGE ET UNITE D'EMBALLAGE
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 [71] HUHTAMAKI MOLDED FIBER TECHNOLOGY B.V., NL
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 [54] BLAST FURNACE PLANT AND SHUTDOWN PROCESS
 [54] INSTALLATION DE HAUT FOURNEAU ET PROCEDE DE MISE A L'ARRET
 [72] DE BOER, RIEKELT, NL
 [72] GEERDES, HENDRIK ADRIAAN MARIUS, NL
 [72] VAN LAAR, REINOUD JACOBUS, NL
 [72] PARK, JONG SUNG, KR
 [72] LEE, HO YOUNG, KR
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 [54] SYSTEME D'EXCITATION DE VIBRATIONS ET APPAREIL DE TEST POUR TESTER UN ROTOR DE MOTEUR AERONAUTIQUE
 [72] LUO, LI, CN
 [72] ZHANG, TING, CN
 [72] HOU, NAIXIAN, CN
 [71] AECC COMMERCIAL AIRCRAFT ENGINE CO., LTD., CN
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 [54] ELECTRODE A POLARITE POUVANT ETRE INVERSEE ET SON UTILISATION
 [72] ZHAO, QITE, CN
 [72] CHEN, HONGYUAN, CN
 [72] XUE, JUNWEI, CN
 [71] MAGNETO SPECIAL ANODES (SUZHOU) CO., LTD., CN
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 [72] LUTHER, REGIS, US
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 [72] YAN, MICHAEL D., US
 [71] AM GENERAL LLC, US
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 [25] EN
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 [54] SYSTEMES DE MOTEUR ET UTILISATIONS CONNEXES
 [72] FISCHER, ADDISON, US
 [72] NAGEL, CHRISTOPHER J., US
 [71] ALPHA PORTFOLIO LLC, US
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 [54] MICROPHONES A CHAMP SONORE
 [72] SOLVANG, AUDUN, NO
 [71] NOMONO AS, NO
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 [72] DANDALEIX, PIERRE-ETIENNE, GB
 [72] HERNANDEZ, THIBAULT, GB
 [72] MILLS, ANDREW, GB
 [71] SAFRAN LANDING SYSTEMS UK LTD, GB
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[54] ASSEMBLAGES ET METHODES D'EXTRACTION DE MATERIEL
[72] THOMAS, RANDALL EARL, US
[71] INDUSTRIAL VACUUM TRANSFER SERVICES USA, LLC, US
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[54] ASSEMBLAGES D'ASPIRATEURS INDUSTRIELS A VOLUME ELEVE ET METHODES
[72] THOMAS, RANDALL EARL, US
[71] INDUSTRIAL VACUUM TRANSFER SERVICES USA, LLC, US
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[54] SYSTEMES, METHODES ET APPAREIL POUR L'INSPECTION ULTRASONIQUE D'UNE SURFACE
[72] DAVID, CHASE, US
[72] APARICIO, JOSE, US
[72] MORA, JUAN ROBERTO MENDOZA, US
[72] LOW, KEVIN Y., US
[72] DEMMER, TROY, US
[72] BRYNER, EDWARD A., US
[72] CORL, SCOTT ASHLEY, US
[71] GECKO ROBOTICS, INC., US
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[54] ROBOT DELTA COLLABORATIF
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[72] JUNG, VICTOR, CH
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[54] **PROCEDE ET APPAREIL POUR CONTROLER UN SCORE DE CONFIANCE DE POSITIONNEMENT**
[72] LIU, MENTING, CN
[72] HUANG, SU, CN
[72] CHANG, JUNREN, CN
[72] XIE, XI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[87] (WO2021/195902)

[21] 3,174,225
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[54] **CARTRIDGE AND ELECTRODE FOR A CONDUCTED ELECTRICAL WEAPON**
[54] **CARTOUCHE ET ELECTRODE POUR UNE ARME ELECTRIQUE A IMPULSIONS**
[72] NEMTYSHKIN, OLEG, US
[72] ZEKANOVIC, DUBRAVKO, US
[72] ROBERTS, MICHAEL, US
[72] GROFF, JOHN, US
[72] SUMMERS, MARK, US
[72] NERHEIM, MAGNE H., US
[72] MORRISON, REGAN T., US
[71] AXON ENTERPRISE, INC., US
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[86] 2022-07-25 (PCT/US2022/038223)
[87] (3174225)
[30] US (63/226,076) 2021-07-27

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[25] EN
[54] **MECHANISMS FOR MAGAZINE LOCK AND RELEASE**
[54] **MECANISMES DE VERROUILLAGE ET DE LIBERATION DE MAGASIN**
[72] GISH, MICHAEL E., US
[72] SMITH, PATRICK W., US
[72] GROFF, JOHN, US
[72] EASTWOOD, MARK, US
[72] MEUNIOT, ARTURO, US
[72] KENSIL, ALEX, US
[72] RYAN, TREVOR, US
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[71] AXON ENTERPRISE, INC., US
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[87] (3174230)
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[25] EN
[54] **METHODS OF PRODUCING TUMOR VACCINES AND USES THEREOF**
[54] **METHODES DE PRODUCTION DE VACCINS CONTRE LES TUMEURS ET UTILISATIONS CONNEXES**
[72] AVNIEL, AMIR, IL
[72] CONFINO, HILA, IL
[72] GOLDSHTEIN, MATAN, IL
[72] LISI, STEVEN A., US
[71] BEYOND AIR, INC., US
[85] 2022-09-29
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[87] (3174308)

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[25] EN
[54] **METHODS FOR CARBON CAPTURE AND INCREASING YIELD OF PLANTS**
[54] **METHODES DE CAPTURE DE CARBONE ET D'ACCROISSEMENT DU RENDEMENT DE CULTURES**
[72] RILEY, RAY, US
[72] REYES, ANDRES, US
[72] CHAUDHURY, ABED, AU
[72] SUBASCHANDRABOSE, SURESH, AU
[72] HAQUE, AHSANUL, AU
[72] PUROSHATHAM, NEERAJ, AU
[72] SHARMA, RAGHVENDRA, AU
[71] LOAM BIO PTY LTD, AU
[85] 2022-09-30
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[25] EN
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[54] **APPAREIL DE TRAITEMENT DE LA PEAU**
[72] LEE, JEONG HO, KR
[71] APR CO., LTD., KR
[85] 2022-10-14
[86] 2022-05-02 (PCT/KR2022/006281)
[87] (3175670)

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- [54] PALE D'EOLIENNE
- [72] RAZEGHI, RAMA, GB
- [72] HAYDEN, PAUL TREVOR, GB
- [72] JESPERSEN, KLAVS, DK
- [72] LUND-LAVERICK, MICHAEL, DK
- [71] BLADE DYNAMICS LIMITED, GB
- [71] LM WIND POWER A/S, DK
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- [54] SYSTEME DE TRAITEMENT DE PLAIE PAR PRESSION NEGATIVE (NPWT)
- [72] ROUX, ALAIN, SE
- [72] SVENSSON, MALIN, SE
- [72] SKEPPSTEDT, VIKTORIA, SE
- [72] HOLMEN, MALIN, SE
- [72] BOLYOS, ELINOR, SE
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- [25] EN
- [54] ENGINE DEVICE FOR UNMANNED FLYING APPARATUS
- [54] DISPOSITIF DE MOTEUR POUR UN APPAREIL DE VOL SANS PILOTE
- [72] ARASE, KUNIO, JP
- [71] ARASE AIZAWA AEROSPATIALE LLC, JP
- [85] 2022-10-31
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- [87] (3177474)
- [30] JP (2021-079355) 2021-05-07

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- [54] PROCEDE ET DISPOSITIF POUR PERMETTRE UN TIR CONTINU VERROUILLE DANS UN JEU DE TIR
- [72] HSU, SHUN TSUNG, CN
- [72] WANG, CHANG YI, CN
- [71] HSU, TIEN SHU, TW
- [85] 2022-11-09
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- [54] CHARIOT A BASCULE
- [72] LIU, ZHIJUN, CN
- [71] QINGDAO HUATIAN HAND TRUCK CO., LTD., CN
- [85] 2022-11-09
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- [25] EN
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- [54] CLASSIFICATION DE SENTIMENT D'UTILISATEUR SUR LA BASE D'UN APPRENTISSAGE AUTOMATIQUE
- [72] TIAN, HAOZHENG, US
- [72] WHITE, JAMES MORGAN, US
- [71] HOME DEPOT INTERNATIONAL, INC., US
- [85] 2022-11-23
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- [87] (WO2021/258058)
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[25] EN
[54] PROTECTED CIRCUIT SYSTEM AND METHOD OF OPERATION
[54] SYSTEME DE CIRCUIT PROTEGE ET PROCEDE DE FONCTIONNEMENT
[72] GLINKA, MICHAEL, NL
[71] THALES NEDERLAND B.V., NL
[85] 2022-11-28
[86] 2021-05-28 (PCT/EP2021/064348)
[87] (WO2021/239946)
[30] EP (20177530.1) 2020-05-29

[21] 3,180,597
[13] A1

[51] Int.Cl. C08G 8/34 (2006.01) C08L 91/06 (2006.01)
[25] EN
[54] WAX-LIKE FORMULATIONS OF NATURAL-ORIGIN MATERIALS AND ITS METHOD OF PREPARATION
[54] FORMULATIONS DE TYPE CIRE DE MATIERES D'ORIGINE NATURELLE ET LEUR PROCEDE DE PREPARATION
[72] SALAZAR VARGAS, ANGELA LUCIA, MX
[72] BONIFAZ DELGADO, LIZETT VERONICA, MX
[72] HOCHBERGER ROA, FRANK FRITZ KLAUS, MX
[72] MARTINEZ VILLEGAS, DANTE, MX
[72] TORRES GARCIA, GONZALO, MX
[72] HERNANDEZ RODRIGUEZ, ROBERTO, MX
[72] RUIZ RUIZ, FEDERICO AUGUSTO, MX
[72] RIVERA HERNANDEZ, ALEJANDRO, MX
[71] INDUSTRIAS ALEN, S.A. DE C.V., MX
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[86] 2021-05-28 (PCT/IB2021/000370)
[87] (WO2021/240247)
[30] US (63/032,040) 2020-05-29

[21] 3,182,079
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[25] EN
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[54] APPAREIL DE CHAUSSURE A SEMELLE CAMELEON VERSION 0.7
[72] GOMEZ, ABDUL LUKE, US
[71] GOMEZ, ABDUL LUKE, US
[85] 2022-12-08
[86] 2022-07-21 (PCT/US2022/037853)
[87] (3182079)
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[25] EN
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[54] MESURES POUR DISPOSITIF DE DETECTION DE DEFICIENCE
[72] VALLEJO, CELESTE, US
[72] FRIEDENBERG, DAVID A., US
[72] FRANK, AARON J., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2022-12-12
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[71] SAYFA R&D PTY LTD, AU
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[54] SYSTEMES ET PROCEDES D'UTILISATION D'INTELLIGENCE ARTIFICIELLE POUR EVALUER LE DEVELOPPEMENT PRINCIPAL
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[71] CATALYST INC., US
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[54] METHOD AND SLURRY TREATMENT PLANT FOR REDUCING METHANE EMISSION FROM SLURRY PRODUCED IN A LIVESTOCK FARM
[54] PROCEDE ET INSTALLATION DE TRAITEMENT DE BOUILLIE POUR REDUIRE L'EMISSION DE METHANE A PARTIR D'UNE BOUILLIE PRODUITE DANS UNE FERME D'ELEVAGE
[72] AHRENFELDT, JESPER, DK
[72] HENRIKSEN, ULRIK BIRK, DK
[72] GADSBOLL, RASMUS OSTERGAARD, DK
[72] THOMSEN, TOBIAS PAPE, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[71] ROSKILDE UNIVERSITET, DK
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- [54] PROCEDE DE RECUPERATION D'ACETONITRILE
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- [72] MICHAELS, BASIL, US
- [71] ASCEND PERFORMANCE MATERIALS OPERATIONS LLC, US
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- [72] EGAN, JOSEPH, US
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- [71] SALVUS, LLC, US
- [71] GEORGIA TECH RESEARCH CORPORATION, US
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- [72] KLEIN, ALEXANDER LUDWIG, NL
- [72] HOUWELING, ZOMER SILVESTER, NL
- [72] DONMEZ NOYAN, INCI, NL
- [72] HILDENBRAND, VOLKER DIRK, NL
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- [71] ASML NETHERLANDS B.V., NL
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- [72] SCHWARZHUBER, JOSEF, DE
- [72] HEINZEL, ALBRECHT, DE
- [72] HASELSTEINER, THOMAS, DE
- [72] ETTNER, FLORIAN, DE
- [71] LINDE GMBH, DE
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- [72] LEE, JONGHUN, US
- [72] DOGO-ISONAGIE, CAJETAN, US
- [71] COLGATE-PALMOLIVE COMPANY, US
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- [72] CHINNASAMY, NATARAJAN, IN
- [71] EPSILON ADVANCED MATERIALS PVT LTD, IN
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<p style="text-align: right;">[21] 3,209,535 [13] A1</p> <p>[51] Int.Cl. C07D 487/10 (2006.01) A61K 31/404 (2006.01) A61P 35/02 (2006.01)</p> <p>C07D 403/14 (2006.01) C07D 487/08 (2006.01)</p> <p>[25] EN</p> <p>[54] NOVEL INDIRUBIN DERIVATIVES HAVING HETEROBICYCLIC MOIETIES AND THE USE THEREOF</p> <p>[54] NOUVEAU DERIVE D'INDIRUBINE AYANT UN RESIDU HETEROBICYCLIQUE ET SON UTILISATION</p> <p>[72] JANG, SOO YEON, KR [72] KIM, MYUNG JIN, KR [72] PARK, JIN HEE, KR [72] LEE, SO DEOK, KR [72] OH, SU JIN, KR [72] LEE, EUN JI, KR [72] KIM, YONG CHUL, KR [72] KIM, WOO CHAN, KR [72] LEE, JE HEON, KR</p> <p>[71] PELEMED CO., LTD., KR [85] 2023-08-23 [86] 2022-12-23 (PCT/KR2022/021194) [87] (WO2023/153630) [30] KR (10-2022-0019138) 2022-02-14</p>	<p style="text-align: right;">[21] 3,211,058 [13] A1</p> <p>[51] Int.Cl. A01K 63/06 (2006.01) A01K 61/10 (2017.01) A01K 61/85 (2017.01)</p> <p>A01G 9/02 (2018.01) A01G 31/02 (2006.01) C02F 3/32 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR HYDROPONIC PLANT CULTIVATION</p> <p>[54] SYSTEMES ET PROCEDES DE CULTURE HYDROponique DE PLANTES</p> <p>[72] VERGELDT, MARCUS ARTHUR ROBERT CAROLUS, NL</p> <p>[72] AMUNDSON, STEVEN LEE, US</p> <p>[72] BERGENE, TYLER WARD, US</p> <p>[72] MILLS, BENTLEY, US</p> <p>[71] REVOL GREENS GBC, US</p> <p>[85] 2023-08-10 [86] 2022-02-16 (PCT/US2022/016575) [87] (WO2022/177972) [30] US (63/150,464) 2021-02-17</p>	<p style="text-align: right;">[21] 3,211,775 [13] A1</p> <p>[51] Int.Cl. C25D 1/00 (2006.01) C25D 1/04 (2006.01) C25D 3/38 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD OF CONTROLLING PROPERTIES OF ELECTROLYTIC COPPER FOIL AND MANUFACTURING THE SAME</p> <p>[54] METHODE DE CONTROLE DES PROPERTIES OF ELECTROLYTIC COPPER FOIL AND MANUFACTURING THE SAME</p> <p>[72] KIM, JEONG HWAN, KR [72] HEO, SAE KWON, KR [72] HU, GYUN, KR [71] KZAM CORPORATION, KR [71] KOREA ZINC CO., LTD., KR [85] 2023-09-11 [86] 2023-03-30 (PCT/KR2023/004288) [87] (3211775) [30] KR (10-2022-0057727) 2022-05-11</p>
<p style="text-align: right;">[21] 3,209,535 [13] A1</p> <p>[51] Int.Cl. C07D 487/10 (2006.01) A61K 31/404 (2006.01) A61P 35/02 (2006.01)</p> <p>C07D 403/14 (2006.01) C07D 487/08 (2006.01)</p> <p>[25] EN</p> <p>[54] NOVEL INDIRUBIN DERIVATIVES HAVING HETEROBICYCLIC MOIETIES AND THE USE THEREOF</p> <p>[54] NOUVEAU DERIVE D'INDIRUBINE AYANT UN RESIDU HETEROBICYCLIQUE ET SON UTILISATION</p> <p>[72] JANG, SOO YEON, KR [72] KIM, MYUNG JIN, KR [72] PARK, JIN HEE, KR [72] LEE, SO DEOK, KR [72] OH, SU JIN, KR [72] LEE, EUN JI, KR [72] KIM, YONG CHUL, KR [72] KIM, WOO CHAN, KR [72] LEE, JE HEON, KR</p> <p>[71] PELEMED CO., LTD., KR [85] 2023-08-23 [86] 2022-12-23 (PCT/KR2022/021194) [87] (WO2023/153630) [30] KR (10-2022-0019138) 2022-02-14</p>	<p style="text-align: right;">[21] 3,211,651 [13] A1</p> <p>[51] Int.Cl. H04W 36/08 (2009.01) H04W 52/46 (2009.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS FOR WIRELESS COMMUNICATION</p> <p>[54] PROCEDE ET APPAREIL DE COMMUNICATION SANS FIL</p> <p>[72] ZHUO, YIBIN, CN</p> <p>[72] DAI, MINGZENG, CN</p> <p>[72] WU, LIANHAI, CN</p> <p>[72] YAN, LE, CN</p> <p>[72] ZHANG, CONGCHI, CN</p> <p>[71] LENOVO (BEIJING) LIMITED, CN</p> <p>[85] 2023-09-11 [86] 2021-04-30 (PCT/CN2021/091445) [87] (WO2022/226986)</p>	<p style="text-align: right;">[21] 3,211,651 [13] A1</p> <p>[51] Int.Cl. H04W 36/08 (2009.01) H04W 52/46 (2009.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS FOR WIRELESS COMMUNICATION</p> <p>[54] PROCEDE ET APPAREIL DE COMMUNICATION SANS FIL</p> <p>[72] ZHUO, YIBIN, CN</p> <p>[72] DAI, MINGZENG, CN</p> <p>[72] WU, LIANHAI, CN</p> <p>[72] YAN, LE, CN</p> <p>[72] ZHANG, CONGCHI, CN</p> <p>[71] LENOVO (BEIJING) LIMITED, CN</p> <p>[85] 2023-09-11 [86] 2021-04-30 (PCT/CN2021/091445) [87] (WO2022/226986)</p>

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 - [25] EN
 - [54] METHOD OF MANUFACTURING COPPER SULFATE ELECTROLYTE
 - [54] METHODE DE FABRICATION D'UN ELECTROLYTE DE SULFATE DE CUIVRE
 - [72] LEE, JE JOONG, KR
 - [72] HU, GYUN, KR
 - [72] YOON, JONG HWAN, KR
 - [71] KOREA ZINC CO., LTD., KR
 - [71] KZAM CORPORATION, KR
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 - [87] (3211845)
 - [30] KR (10-2022-0078819) 2022-06-28
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- [25] EN
- [54] AN INHALER MONITORING DEVICE
- [54] DISPOSITIF DE SURVEILLANCE D'INHALATEUR
- [72] MCDAID, LIAM, GB
- [72] KELLY, SUSAN, GB
- [72] HARKIN, JIM, GB
- [71] RESPIRATORY ANALYTICS, GB
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 - [25] EN
 - [54] CIRCUIT UNIT, LOGIC CIRCUIT, PROCESSOR, AND COMPUTING APPARATUS
 - [54] UNITE DE CIRCUIT, CIRCUIT LOGIQUE, PROCESSEUR ET APPAREIL DE CALCUL
 - [72] FAN, ZHIJUN, CN
 - [72] GONG, CHUAN, CN
 - [72] TIAN, WENBO, CN
 - [72] YANG, ZUOXING, CN
 - [72] GUO, HAIFENG, CN
 - [71] SHENZHEN MICROBT ELECTRONICS TECHNOLOGY CO., LTD., CN
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 - [87] (3212931)
 - [30] CN (202210455794.5) 2022-04-28
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- [25] EN
- [54] STEERING MECHANISM AND INDEPENDENT SUSPENSION SYSTEM
- [54] MECANISME DE DIRECTION ET SYSTEME DE SUSPENSION INDEPENDANT
- [72] SHAN, ZENGHAI, CN
- [72] DING, HONGGANG, CN
- [72] CAO, GUANGGUANG, CN
- [72] MA, YUNWANG, CN
- [72] LI, DONGDONG, CN
- [72] ZHAO, LIUFU, CN
- [72] ZHANG, HANWEI, CN
- [71] XUZHOU HEAVY MACHINERY CO., LTD., CN
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- [87] (WO2022/205511)
- [30] CN (202110331010.3) 2021-03-29

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 - [25] EN
 - [54] MENSTRUAL DISC AND METHODS OF USE
 - [54] DISQUE MENSTRUUEL ET PROCEDES D'UTILISATION
 - [72] BRUSH, JENNIFER, US
 - [72] SANDROLINI, EMMA, US
 - [72] METZ, MARLA, US
 - [72] NEWMAN, MORGAN, US
 - [71] LYV LIFE INC. DBA CORA, US
 - [85] 2023-09-28
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 - [30] US (63/176,685) 2021-04-19
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- [25] EN
- [54] PERCEPTION MAST FOR AN INTEGRATED MOBILE MANIPULATOR ROBOT
- [54] MAT DE PERCEPTION POUR ROBOT MANIPULATEUR MOBILE INTEGRE
- [72] TURPIN, MATTHEW, US
- [72] ZELNICK, BENJAMIN, US
- [72] MURPHY, MICHAEL, US
- [72] PERKINS, ALEX, US
- [71] BOSTON DYNAMICS, INC., US
- [85] 2023-09-25
- [86] 2022-03-21 (PCT/US2022/021146)
- [87] (WO2022/204030)
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 [54] ENSEMBLE VENTILATEUR ET CLIMATISEUR
 [72] WEI, FUQUAN, CN
 [72] WU, YANDONG, CN
 [72] MA, LIHUA, CN
 [71] GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD., CN
 [71] HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD., CN
 [85] 2023-11-21
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 [25] EN
 [54] OPTICAL FIBER-TO-CHIP INTERCONNECTION
 [54] INTERCONNEXION DE FIBRE OPTIQUE A PUCE
 [72] GILES, CLINTON RANDY, US
 [72] WINZER, PETER JOHANNES, US
 [72] ZHANG, RON, US
 [72] PUPALAIKIS, PETER JAMES, US
 [72] ELSINGER, LUKAS, US
 [71] NUBIS COMMUNICATIONS, INC., US
 [85] 2023-11-21
 [86] 2022-05-25 (PCT/US2022/072575)
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 [30] US (63/192,852) 2021-05-25
 [30] US (63/208,759) 2021-06-09
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 [25] EN
 [54] VIBRATION DAMPENING DEVICE, A SYSTEM INCORPORATING THE DEVICE, AND A METHOD OF USING SAME
 [54] DISPOSITIF D'AMORTISSEMENT DE VIBRATIONS, SYSTEME INCORPORANT LE DISPOSITIF ET SON PROCEDE D'UTILISATION
 [72] MORRISON, DAVID, CA
 [71] D MORRISON CONSULTING INC., CA
 [85] 2023-12-01
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 [54] AZINES FUSIONNEES SUBSTITUEES UTILISEES EN TANT QU'INHIBITEURS DE KRAS G12D
 [72] BARDA, DAVID ANTHONY, US
 [72] CLAYTON, JOSHUA RYAN, US
 [72] FRANCISKOVICH, JEFFRY BERNARD, US
 [72] FURNESS, KELLY WAYNE, US
 [72] GERNERT, DOUGLAS LINN, US
 [72] HENRY, JAMES ROBERT, US
 [72] JOHNSTON, RICHARD DUANE, US
 [72] JONES, SPENCER BRIAN, US
 [72] LAMAR, JASON ERIC, US
 [72] LEVINSON, ADAM MARC, US
 [72] MBOFANA, CURREN TAPFUMA, US
 [72] RODRIGUEZ, MICHAEL JOHN, US
 [72] RUBIO, ALMUDENA, US
 [72] SI, CHONG, US
 [72] ZHAO, GAIYING, US
 [72] ZIA-EBRAHIMI, MOHAMMED SADEGH, US
 [71] ELI LILLY AND COMPANY, US
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 [54] AERIAL LIFT SLOPE ADJUSTMENT SYSTEM
 [54] SYSTEME DE REGLAGE DE PENTE D'ELEVATEUR AERIEN
 [72] CHRISTIAN, JAMES RANDALL, US
 [71] TIME MANUFACTURING COMPANY, US
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 [72] WALSH, JESSICA, GB
 [72] RICOULT, SEBASTIEN, GB
 [72] TEO, YIN NAH, SG
 [72] BAKER, SIMON, GB
 [71] ILLUMINA, INC., US
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 [54] SYSTEME DE GAINAGE D'UNE FACADE VENTILEE
 [72] BAYRAM, SERKAN SABRI, TR
 [71] BKUP MIMARLIK ANONIM SIRKETI, TR
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- [54] **METHOD FOR DETECTING AND QUANTIFYING DNA METHYLATION IN A SELECTED LOCUS OR REGION OF DNA**
- [54] **PROCEDE DE DETECTION ET DE QUANTIFICATION DE LA METHYLATION DE L'ADN DANS UN LOCUS OU UNE REGION D'ADN CHOISI**
- [72] RABBANI, ELAZAR, US
- [72] COLEMAN, JACK, US
- [72] MAURO, MAURIZIO, US
- [71] ENZO BIOCHEM, INC., US
- [71] RABBANI, ELAZAR, US
- [71] COLEMAN, JACK, US
- [71] MAURO, MAURIZIO, US
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- [25] EN
- [54] **LINEAR DNA WITH ENHANCED RESISTANCE AGAINST EXONUCLEASES AND METHODS FOR THE PRODUCTION THEREOF**
- [54] **ADN LINEAIRE A RESISTANCE ACCRUE CONTRE LES EXONUCLEASES ET PROCEDES POUR SA PRODUCTION**
- [72] PICHER, ANGEL, ES
- [72] LANCKRIET, HEIKKI, GB
- [72] WALKER, AMY, GB
- [71] 4BASEBIO, S.L.U., ES
- [71] 4BASEBIO UK LTD, GB
- [85] 2023-12-29
- [86] 2022-07-29 (PCT/EP2022/071413)
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- [25] EN
- [54] **METHODS OF DETECTING NTRK FUSION PROTEINS**
- [54] **METHODES DE DETECTION DE PROTEINES DE FUSION NTRK**
- [72] RHODES, DANIEL REED, US
- [72] TOMLINS, SCOTT ARTHUR, US
- [72] JOHNSON, DAVID BRYAN, US
- [71] STRATA ONCOLOGY, INC., US
- [85] 2023-12-18
- [86] 2022-06-21 (PCT/US2022/034417)
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- [25] FR
- [54] **METHOD FOR PRODUCING A STRAW-BASED MATERIAL**
- [54] **PROCEDE DE FABRICATION D'UN MATERIAU A BASE DE PAILLE**
- [72] DESTREMAU, SERGE, FR
- [72] DESTREMAU, CELYNE, FR
- [71] DESTREMAU, SERGE, FR
- [71] DESTREMAU, CELYNE, FR
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- [54] **EMERGENCY LIGHT TESTING SYSTEM AND METHOD**
- [54] **SYSTEME ET PROCEDE DE TEST DE LUMIERE D'URGENCE**
- [72] CHANDARANA, AAKASH H., US
- [72] WRIGHT, BEN P., US
- [71] ENERGY MANAGEMENT COLLABORATIVE, LLC, US
- [85] 2023-12-28
- [86] 2022-06-22 (PCT/US2022/034445)
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<p>[21] 3,225,932 [13] A1</p> <p>[51] Int.Cl. A61K 35/768 (2015.01)</p> <p>[25] EN</p> <p>[54] COMBINATION OF CHECKPOINT INHIBITORS AND AN ONCOLYTIC VIRUS FOR TREATING CANCER</p> <p>[54] COMBINAISON D'INHIBITEURS DE POINT DE CONTROLE ET D'UN VIRUS ONCOLYTIQUE POUR LE TRAITEMENT DU CANCER</p> <p>[72] DADI-MEHMETAJ, SAIDA, US</p> <p>[72] MOHRS, MARKUS, US</p> <p>[72] THURSTON, GAVIN, US</p> <p>[71] REGENERON PHARMACEUTICALS, INC., US</p> <p>[71] VYRIAD, VYRIAD, US</p> <p>[85] 2024-01-15</p> <p>[86] 2022-07-18 (PCT/US2022/037455)</p> <p>[87] (WO2023/004287)</p> <p>[30] US (63/223,281) 2021-07-19</p> <p>[30] US (63/365,030) 2022-05-20</p>
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 - [25] EN
 - [54] CARTRIDGE, SYSTEM, AND METHOD FOR MOLECULAR DIAGNOSTIC REACTION TESTING
 - [54] CARTOUCHE, SYSTEME, ET PROCEDE DE TEST PAR REACTION DE DIAGNOSTIC MOLECULAIRE
 - [72] CICEK, SERAY, CA
 - [72] GUO, YUXIU, CA
 - [72] JAENES, KATARIINA HANNA ZAKAARIA SEPP, CA
 - [72] ROBINSON, LUCAS, CA
 - [72] SALEEM, AFIFA, CA
 - [71] NICOYA LIFESCIENCES INC., CA
 - [85] 2024-01-15
 - [86] 2022-07-29 (PCT/CA2022/051170)
 - [87] (WO2023/004516)
 - [30] US (63/227,740) 2021-07-30
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- [25] EN
- [54] SYSTEMS AND METHODS FOR SETTING HEADER CUT HEIGHT
- [54] SYSTEMES ET PROCEDES DE REGLAGE DE HAUTEUR DE COUPE DE TABLE DE COUPE
- [72] SHEARER, BRUCE ROBERT, CA
- [72] BELL, ANDREW W. D., CA
- [72] DUNN, JAMES, CA
- [71] MACDON INDUSTRIES LTD., CA
- [85] 2024-01-15
- [86] 2022-09-06 (PCT/CA2022/051334)
- [87] (WO2023/035064)
- [30] US (63/242,589) 2021-09-10

[21] 3,225,943
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- [51] Int.Cl. F26B 3/04 (2006.01) F26B 15/18 (2006.01) F26B 21/04 (2006.01) F26B 21/12 (2006.01)
 - [25] EN
 - [54] DRYING DEVICE AND METHOD FOR DRYING CONTAINER UNITS EXHIBITING SOLVENT
 - [54] DISPOSITIF DE SECHAGE ET PROCEDE DE SECHAGE D'UNITES DE RECIPIENT PRESENTANT UN SOLVANT
 - [72] HARMS, WILKO, DE
 - [72] REINHARDT, ULF, DE
 - [71] BELVAC PRODUCTION MACHINERY, INC., US
 - [85] 2024-01-15
 - [86] 2022-07-11 (PCT/DE2022/100497)
 - [87] (WO2023/001331)
 - [30] DE (10 2021 118 534.3) 2021-07-19
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- [51] Int.Cl. B65B 5/04 (2006.01) B65B 39/02 (2006.01) B65B 39/06 (2006.01) B65D 21/08 (2006.01)
- [25] EN
- [54] METHOD FOR PACKAGING AN OBJECT IN A PAPER SACK, AND PAPER SACK
- [54] PROCEDE D'EMBALLAGE D'UN OBJET DANS UN SAC EN PAPIER ET SAC EN PAPIER
- [72] RUGER, PETER, DE
- [71] MONDI AG, AT
- [85] 2024-01-16
- [86] 2022-08-01 (PCT/EP2022/071565)
- [87] (WO2023/025530)
- [30] DE (10 2021 121 836.5) 2021-08-24

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[13] A1

- [51] Int.Cl. A61K 31/7125 (2006.01) C12N 15/113 (2010.01) A61P 29/00 (2006.01)
 - [25] EN
 - [54] OLIGONUCLEOTIDE FOR INHIBITING QUAKing ACTIVITY
 - [54] OLIGONUCLEOTIDE POUR INHIBER L'ACTIVITE DE TREMBLEMENT
 - [72] VAN ZONNEVELD, ANTON JAN, NL
 - [72] DE BRUIN, RUBEN GOSEWINUS, NL
 - [72] PRINS, JURRIEN, NL
 - [72] WAGENAAR, GERARDUS THEODORUS MARIE, NL
 - [72] WACHOWIUS, FALK, NL
 - [72] VAN DER VEER, ERIC PETER, NL
 - [71] ACADEMISCH ZIEKENHUIS LEIDEN H.O.D.N., NL
 - [85] 2024-01-16
 - [86] 2022-07-15 (PCT/EP2022/069965)
 - [87] (WO2023/285700)
 - [30] EP (21186214.9) 2021-07-16
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[21] 3,226,008
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- [51] Int.Cl. G08B 17/00 (2006.01) H04W 88/16 (2009.01) H04W 4/30 (2018.01) H04W 4/70 (2018.01)
- [25] EN
- [54] LORAWAN MESH GATEWAY NETWORK AND METHOD FOR LOCATING A FOREST FIRE
- [54] RESEAU PASSERELLE MAILLE DE LORAWAN ET PROCEDE DE LOCALISATION D'UN INCENDIE DE FORET
- [72] BRINKSCHULTE, CARSTEN, DE
- [72] HOLLOS, DANIEL, DE
- [71] DRYAD NETWORKS GMBH, DE
- [85] 2024-01-16
- [86] 2022-08-08 (PCT/EP2022/072222)
- [87] (WO2023/016981)
- [30] DE (10 2021 120 703.7) 2021-08-09

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[25] EN
[54] OPTICAL FIBER RIBBON
[54] RUBAN DE FIBRES OPTIQUES
[72] KIM, TAE GYOUNG, KR
[72] CHO, YOUNG CHANG, KR
[72] JUN, YOUNG HO, KR
[72] LEE, MAN SU, KR
[71] LS CABLE & SYSTEM LTD., KR
[85] 2024-01-16
[86] 2021-07-21 (PCT/KR2021/009442)
[87] (WO2023/003056)

[21] 3,226,015
[13] A1

[51] Int.Cl. G08B 29/18 (2006.01)
[25] EN
[54] METHOD AND DEVICE FOR THE DETECTING FOREST FIRES
[54] PROCEDE ET APPAREIL DE DETECTION DE FEUX DE FORETS
[72] BRINKSCHULTE, CARSTEN, DE
[72] HOLLOS, DANIEL, DE
[71] DRYAD NETWORKS GMBH, DE
[85] 2024-01-16
[86] 2022-07-13 (PCT/EP2022/069650)
[87] (WO2023/001667)
[30] DE (10 2021 118 527.0) 2021-07-19
[30] DE (10 2021 128 720.0) 2021-11-04

[21] 3,226,018
[13] A1

[51] Int.Cl. C01B 32/342 (2017.01) C01B 32/30 (2017.01) C01B 32/312 (2017.01) C01B 32/318 (2017.01) B01D 53/52 (2006.01) C10L 3/10 (2006.01)
[25] EN
[54] PROCESSES FOR PREPARING CARBON SOURCES FOR ACTIVATION AND FOR ACTIVATING CARBON
[54] PROCEDES DE PREPARATION DE SOURCES DE CARBONE POUR ACTIVATION ET D'ACTIVATION DE CARBONE
[72] PEDE, PAUL RAIVO, CA
[72] VREUGDENHIL, ANDREW JAMES, CA
[72] STRONG, OLIVER, CA
[72] DENNIS, COLE JEFFERY, CA
[71] CARBONIX INC., CA
[85] 2024-01-16
[86] 2022-07-26 (PCT/CA2022/051148)
[87] (WO2023/004502)
[30] US (63/226,370) 2021-07-28

[21] 3,226,027
[13] A1

[51] Int.Cl. H01M 50/249 (2021.01) H01M 50/333 (2021.01)
[25] EN
[54] BOX BODY OF BATTERY, BATTERY, POWER CONSUMPTION DEVICE, AND METHOD AND DEVICE FOR PRODUCING BATTERY
[54]
[72] YANG, PIAOPIAO, CN
[72] CHEN, XIAOBO, CN
[72] LI, YAO, CN
[72] JIN, QIU, CN
[72] QIAN, OU, CN
[71] CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED, CN
[85] 2024-01-16
[86] 2021-09-22 (PCT/CN2021/119698)
[87] (WO2023/044619)

[21] 3,226,029
[13] A1

[51] Int.Cl. C07K 1/14 (2006.01) C07K 1/18 (2006.01) C07K 16/00 (2006.01) C12Q 1/37 (2006.01) G01N 30/02 (2006.01) G01N 30/60 (2006.01) G01N 30/72 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)

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[54] SYSTEMS AND METHODS FOR ANTIBODY CHAIN PAIRING
[54] SYSTEMES ET PROCEDES D'APPARIEMENT DE CHAINES D'ANTICORPS
[72] LE BIHAN, THIERRY, CA
[72] NUNEZ DE VILLAVICENCIO DIAZ, TERESA, CA
[72] LIYASOVA, MARIYA, CA
[72] YAO, CHENYU, CA
[72] LIU, QIXIN, CA
[72] REITZEL, CHELSEA, CA
[72] DUAN, JIN, CA
[72] TAYLOR, PAUL, CA
[72] MA, BIN, CA
[71] RAPID NOVOR INC., CA
[85] 2024-01-16
[86] 2022-08-05 (PCT/CA2022/051194)
[87] (WO2023/010219)
[30] US (63/260,027) 2021-08-06

[21] 3,226,033
[13] A1

[51] Int.Cl. G06V 10/82 (2022.01) G06V 20/69 (2022.01)
[25] EN
[54] PREDICTION OF BRCANESS/HOMOLOGOUS RECOMBINATION DEFICIENCY OF BREAST TUMORS ON DIGITALIZED SLIDES
[54] PREDICTION D'UNE DEFICIENCE DE RECOMBINAISON HOMOLOGUE/HOMOLOGUE DE TUMEURS DU SEIN SUR DES LAMES NUMERISEES
[72] VINCENT SALOMON, ANNE, FR
[72] WALTER, THOMAS, FR
[72] DECENCIERE, ETIENNE, FR
[72] LAZARD, TRISTAN, FR
[72] BATAILLON, GUILLAUME, FR
[71] INSTITUT CURIE, FR
[71] INSERM, FR
[71] ECOLE NATIONALE SUPERIEURE DES MINES DE PARIS, FR
[85] 2024-01-16
[86] 2022-07-27 (PCT/EP2022/071130)
[87] (WO2023/006843)
[30] EP (21306055.1) 2021-07-28
[30] EP (21306056.9) 2021-07-28

[21] 3,226,037
[13] A1

[51] Int.Cl. H04W 88/16 (2009.01) H04W 72/04 (2023.01) H04W 84/04 (2009.01)
[25] EN
[54] LORAWAN GATEWAY NETWORK AND METHODS
[54] RESEAU A PASSERELLE LORAWAN ET PROCEDE
[72] BRINKSCHULTE, CARSTEN, DE
[72] HOLLOS, DANIEL, DE
[71] DRYAD NETWORKS GMBH, DE
[85] 2024-01-16
[86] 2022-08-08 (PCT/EP2022/072240)
[87] (WO2023/016988)
[30] DE (10 2021 120 702.9) 2021-08-09

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[21] 3,226,041
[13] A1

[51] Int.Cl. G08B 17/00 (2006.01) G08B 21/20 (2006.01)
[25] EN
[54] DEVICE AND METHOD FOR DETERMINING SOIL MOISTURE
[54] DISPOSITIF ET PROCEDE POUR DETERMINER L'HUMIDITE DU SOL
[72] BRINKSCHULTE, CARSTEN, DE
[72] BONIG, MARCO, DE
[71] DRYAD NETWORKS GMBH, DE
[85] 2024-01-16
[86] 2022-07-13 (PCT/EP2022/069651)
[87] (WO2023/001668)
[30] DE (10 2021 118 588.2) 2021-07-19
[30] DE (10 2021 133 218.4) 2021-12-15

[21] 3,226,043
[13] A1

[51] Int.Cl. B29B 17/00 (2006.01) B29B 17/02 (2006.01) B29B 17/04 (2006.01)
[25] FR
[54] METHOD FOR SHREDDING AND RECYCLING USED BIG-BAGS AND FACILITY FOR IMPLEMENTING THE METHOD
[54] PROCEDE DE BROYAGE ET DE RECYCLAGE DE BIG-BAGS USAGES ET INSTALLATION POUR LA MISE EN OEUVRE DU PROCEDE
[72] LETIERCE, LUC, FR
[72] DURAND, REMI, FR
[72] TOURNERIE, JEAN-PIERRE, FR
[72] GIRODET, LAURENT, FR
[71] ALL SUN, FR
[71] TECHNI-TERRÉ, FR
[85] 2024-01-16
[86] 2022-07-22 (PCT/EP2022/070667)
[87] (WO2023/011948)
[30] EP (21189417.5) 2021-08-03

[21] 3,226,044
[13] A1

[51] Int.Cl. B61D 7/20 (2006.01) B61D 7/26 (2006.01) B60P 1/56 (2006.01) B61D 7/28 (2006.01) B61D 7/32 (2006.01)
[25] EN
[54] OPENING STOP DEVICE FOR RAILWAY FREIGHT CAR DOOR OUTLET GATES
[54] DISPOSITIF D'ARRET D'OUVERTURE POUR PORTES DE SORTIE DE PORTE DE WAGON DE MARCHANDISES DE CHEMIN DE FER
[72] BRANT, NEIL AARON, US
[72] KENNEDY, JAMES SCOTT, US
[72] DAWSON, JOSEPH JEFFREY, US
[71] A. STUCKI COMPANY, US
[85] 2024-01-16
[86] 2022-07-18 (PCT/US2022/037415)
[87] (WO2023/288120)
[30] US (63/203,290) 2021-07-16

[21] 3,226,050
[13] A1

[51] Int.Cl. A23J 1/10 (2006.01) A23K 10/26 (2016.01) A23J 3/04 (2006.01) A61K 8/65 (2006.01)
[25] EN
[54] PROCESS FOR THE CONVERSION OF KERATIN
[54] PROCEDE DE CONVERSION DE KERATINE
[72] JUAREZ MOLINA, JESUS, ES
[72] FERNANDEZ MARTIN, FELIX, ES
[72] PARRADO RUBIO, JUAN, ES
[72] ORTS GOMEZ, ANGEL, ES
[72] MARTINEZ RUIZ, JESUS, ES
[72] CARMONA ALVAREZ, FRANCISCO JOSE, ES
[71] NAWTER TECH, S.L.U., ES
[85] 2024-01-16
[86] 2022-07-21 (PCT/EP2022/070448)
[87] (WO2023/001946)
[30] EP (21382668.8) 2021-07-22

[21] 3,226,046
[13] A1

[51] Int.Cl. A61F 2/16 (2006.01) G02C 7/04 (2006.01) G02C 7/06 (2006.01)
[25] EN
[54] MULTIFOCAL OPHTHALMIC LENS WITH EXTENDED DEPTH-OF-FOCUS
[54] LENTILLE OPHTALMIQUE MULTIFOCALE A PROFONDEUR DE FOYER ETENDUE
[72] HONG, XIN, US
[71] ALCON INC., CH
[85] 2024-01-16
[86] 2022-08-16 (PCT/IB2022/057662)
[87] (WO2023/031715)
[30] US (63/238,835) 2021-08-31

[21] 3,226,053
[13] A1

[51] Int.Cl. G16H 20/70 (2018.01)
[25] EN
[54] SYSTEMS AND METHODS FOR MANAGEMENT OF PSYCHIATRIC OR MENTAL CONDITIONS USING DIGITAL OR AUGMENTED REALITY
[54] SYSTEMES ET METHODES DE PRISE EN CHARGE D'AFFECTIONS PSYCHIATRIQUES OU MENTALES FAISANT APPEL A LA REALITE NUMERIQUE OU AUGMENTEE
[72] THOMPSON, APRILIA, US
[72] CANALE, ANETH, US
[72] GRINNELL, TODD, US
[72] HEDGES, BRANDON, US
[72] MITSI, GEORGIA, US
[72] TAYLOR, MORGAN, US
[72] TSAI, JOYCE, US
[72] ZADD, SARAH, US
[72] ZALUSKI, CHRISTINA, US
[72] ANDERSON, ELEANOR, US
[71] BEHAVR, LLC, US
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2024-01-16
[86] 2022-07-20 (PCT/US2022/037751)
[87] (WO2023/003971)
[30] US (63/223,871) 2021-07-20

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<p>[21] 3,226,055 [13] A1</p> <p>[51] Int.Cl. C25B 3/26 (2021.01) C25B 1/23 (2021.01) C25B 15/023 (2021.01) C07C 7/148 (2006.01) C07C 9/04 (2006.01) C07C 9/06 (2006.01) C25B 1/02 (2006.01) C25B 15/08 (2006.01)</p> <p>[25] EN</p> <p>[54] CARBON DIOXIDE RECOVERY SYSTEM</p> <p>[54] SYSTEME DE RECUPERATION DE DIOXYDE DE CARBONE</p> <p>[72] MATSUMOTO, JUN, JP</p> <p>[72] TAKEDA, DAI, JP</p> <p>[72] HASHIMOTO, SHINYA, JP</p> <p>[72] OBA, ITTETSU, JP</p> <p>[72] NAKANISHI, SHUJI, JP</p> <p>[72] KAMIYA, KAZUHIDE, JP</p> <p>[71] CHIYODA CORPORATION, JP</p> <p>[71] OSAKA UNIVERSITY, JP</p> <p>[85] 2024-01-16</p> <p>[86] 2022-07-20 (PCT/JP2022/028267)</p> <p>[87] (WO2023/003029)</p> <p>[30] JP (2021-120439) 2021-07-21</p>

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<p>[21] 3,226,070 [13] A1</p> <p>[51] Int.Cl. B62D 55/21 (2006.01)</p> <p>[25] EN</p> <p>[54] TRACK LINK HAVING SENSOR- RECEIVING CAVITIES</p> <p>[54] MAILLON DE CHENILLE AYANT DES CAVITES DE RECEPTION DE CAPTEUR</p> <p>[72] KALMES, DONALD J., US</p> <p>[72] SHOEMAKER, WILLIAM P., US</p> <p>[72] ZHOU, YAODONG, CN</p> <p>[72] ZHANG, LI, US</p> <p>[71] CATERPILLAR INC., US</p> <p>[71] ASIATRAK (TIANJIN) LTD., CN</p> <p>[85] 2024-01-16</p> <p>[86] 2022-07-20 (PCT/US2022/037655)</p> <p>[87] (WO2023/009356)</p> <p>[30] US (17/443,520) 2021-07-27</p>
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- [25] EN
- [54] AGGLOMERATED LEGUME PROTEINS AND METHODS FOR THEIR MANUFACTURE
- [54] PROTEINES DE LEGUMINEUSE AGGLOMEREES ET LEURS PROCEDES DE PRODUCTION
- [72] SHAH, KAMLESH, US
- [72] TILLETT, ALBERT, US
- [72] SHAH, TUSHAR, US
- [71] CORN PRODUCTS DEVELOPMENT, INC., US
- [85] 2024-01-16
- [86] 2022-07-18 (PCT/US2022/037418)
- [87] (WO2023/009340)
- [30] US (63/226,097) 2021-07-27

[21] 3,226,076
[13] A1

- [51] Int.Cl. C12N 5/0783 (2010.01)
- [25] EN
- [54] THERAPEUTIC NK CELL POPULATIONS
- [54] POPULATIONS DE CELLULES NK THERAPEUTIQUES
- [72] LODIE, TRACEY, IL
- [72] GEFFEN, YONA, IL
- [72] PATO, AVIAD, IL
- [72] RIFMAN, JULIA, IL
- [72] COHEN, SHERRI, IL
- [71] GAMIDA CELL LTD., IL
- [85] 2024-01-16
- [86] 2022-07-18 (PCT/US2022/037462)
- [87] (WO2023/003809)
- [30] US (63/223,024) 2021-07-18

[21] 3,226,078
[13] A1

- [51] Int.Cl. E21B 47/107 (2012.01) G01V 1/22 (2006.01) G01V 1/40 (2006.01)
- [25] EN
- [54] ENHANCED BACKSCATTER FIBER WITH TAPERING ENHANCEMENT
- [54] FIBRE A RETRODIFFUSION RENFORCEE AVEC AMELIORATION DE LA CONIQUE
- [72] WYSOCKI, PAUL, US
- [72] PROVENZANO, DAN, US
- [72] LI, ZHAO, US
- [71] BAKER HUGHES OILFIELD OPERATIONS LLC, US
- [85] 2024-01-16
- [86] 2022-07-21 (PCT/US2022/074016)
- [87] (WO2023/009966)
- [30] US (17/386,871) 2021-07-28

[21] 3,226,080
[13] A1

- [51] Int.Cl. A62D 1/02 (2006.01)
- [25] EN
- [54] PREPARATION AND USE OF A FOAM STABILIZING COMPOSITION INCLUDING A SILANE SURFACTANT
- [54] PREPARATION ET UTILISATION D'UNE COMPOSITION DE STABILISATION DE MOUSSE COMPRENANT UN TENSIOACTIF DE TYPE SILANE
- [72] BANERJEE, ANIRUDHA, US
- [72] LIU, NANGUO, US
- [72] WENZLICK, ZACHARY, US
- [72] ZIMMERMAN, KENNETH, US
- [71] DOW SILICONES CORPORATION, US
- [85] 2024-01-16
- [86] 2022-07-11 (PCT/US2022/073583)
- [87] (WO2023/009934)
- [30] US (63/226,246) 2021-07-28

[21] 3,226,085
[13] A1

- [51] Int.Cl. H01M 8/22 (2006.01) H01M 8/18 (2006.01)
- [25] FR
- [54] CELL FOR POWER GENERATION DEVICE, ASSOCIATED DEVICES AND METHOD
- [54] CELLULE POUR DISPOSITIF DE PRODUCTION D'ELECTRICITE, DISPOSITIFS ET PROCEDE ASSOCIES
- [72] COLIN, ANNIE, FR
- [72] BRAHMI, YOUSSEF, FR
- [71] PARIS SCIENCES LETTRES, FR
- [71] ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS, FR
- [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
- [85] 2024-01-16
- [86] 2022-07-26 (PCT/EP2022/070961)
- [87] (WO2023/006757)
- [30] FR (2108113) 2021-07-26

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[13] A1

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- [25] EN
- [54] RECLOSABLE PLASTIC CONTAINER WITH READILY APPARENT TAMPER EVIDENT FEATURE
- [54] RECIPIENT EN PLASTIQUE REFERMABLE DOTE D'UNE CARACTERISTIQUE D'INVOLABILITE AISEMENT VISIBLE
- [72] PARikh, SAMIR R., CA
- [72] SINGH, TAJINDER, CA
- [71] WADDINGTON NORTH AMERICA, INC., US
- [85] 2024-01-16
- [86] 2022-06-10 (PCT/US2022/033016)
- [87] (WO2023/287529)
- [30] US (63/222,804) 2021-07-16

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[25] EN
[54] GENE EDITING TO IMPROVE JOINT FUNCTION
[54] EDITION DE GENE POUR AMELIORER LA FONCTION ARTICULAIRE
[72] MILLETT, PETER J., US
[72] RUSSELL, IAIN ALASDAIR, GB
[72] GENTSCH, GEORGE, GB
[72] ALLEN, MATTHEW J., GB
[71] ORTHOBIO THERAPEUTICS, INC., US
[71] GENTSCH, GEORGE, GB
[85] 2024-01-16
[86] 2022-07-18 (PCT/US2022/037490)
[87] (WO2023/288135)
[30] US (PCT/US21/42100) 2021-07-16
[30] US (63/222,972) 2021-07-17
[30] US (63/300,822) 2022-01-19
[30] US (63/326,571) 2022-04-01

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[13] A1

[51] Int.Cl. A47L 11/24 (2006.01)
[25] EN
[54] BASE STATION AND CLEANING ROBOT SYSTEM
[54] STATION DE BASE ET SYSTEME DE ROBOT DE NETTOYAGE
[72] LI, XING, CN
[72] DUAN, CHUANLIN, CN
[72] CHENG, PAN, CN
[71] BEIJING ROBOROCK TECHNOLOGY CO., LTD., CN
[85] 2024-01-16
[86] 2021-12-07 (PCT/CN2021/136173)
[87] (WO2023/284235)
[30] CN (202110805998.2) 2021-07-16

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[13] A1

[51] Int.Cl. C22B 1/00 (2006.01) C22B 3/16 (2006.01) C22B 3/44 (2006.01) C22B 7/00 (2006.01) C22B 26/12 (2006.01) H01M 10/54 (2006.01)
[25] EN
[54] GREEN METHOD FOR RECOVERING LITHIUM AND IRON FROM LITHIUM BATTERIES
[54] PROCEDE ECOLOGIQUE DE RECUPERATION DE LITHIUM ET DE FER A PARTIR DE BATTERIES AU LITHIUM
[72] BENREZKALLAH, YASSINE, FR
[72] DESPINOIS, FRANK, FR
[72] BOCQUIER, REMY, FR
[72] ALBERT, ALAIN, FR
[72] NAUDI, FREDERIC, FR
[72] GOUSSET, CEDRIC, FR
[71] TOTALENERGIES ONETECH, FR
[85] 2024-01-16
[86] 2022-07-26 (PCT/IB2022/000425)
[87] (WO2023/007242)
[30] FR (FR2108116) 2021-07-26

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[13] A1

[51] Int.Cl. H01M 10/052 (2010.01) H01M 10/0562 (2010.01) C01B 25/14 (2006.01)
[25] EN
[54] POWDER OF SOLID MATERIAL PARTICLES COMPRISING AT LEAST LI, P AND S ELEMENTS
[54] POUDRE DE PARTICULES DE MATIERE SOLIDE COMPRENANT AU MOINS LES ELEMENTS LI, P ET S
[72] D'ALENCON, LAURIANNE, FR
[72] LOPEZ GONZALEZ, DIEGO, FR
[72] VALENTE, JULES, FR
[72] LE MERCIER, THIERRY, FR
[71] SPECIALTY OPERATIONS FRANCE, FR
[85] 2024-01-16
[86] 2022-08-01 (PCT/EP2022/071590)
[87] (WO2023/012123)
[30] EP (21315135.0) 2021-08-02

[21] 3,226,094
[13] A1

[51] Int.Cl. C08L 67/04 (2006.01) C08J 3/22 (2006.01) C08J 11/10 (2006.01) C08K 3/26 (2006.01)
[25] FR
[54] METHOD FOR PREPARING AN ENZYME MASTERBATCH
[54] PROCEDE DE PREPARATION D'UN MELANGE MAITRE ENZYME
[72] GUILLAUMONT, CHLOE, FR
[72] ARNAULT, CLEMENTINE, FR
[72] CHARPENTIER, YANNICK, FR
[71] CARBIOLICE, FR
[85] 2024-01-16
[86] 2022-07-20 (PCT/EP2022/070302)
[87] (WO2023/001872)
[30] FR (FR2107809) 2021-07-20

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[13] A1

[51] Int.Cl. A47L 11/24 (2006.01)
[25] EN
[54] BASE STATION AND CLEANING ROBOT SYSTEM
[54] STATION DE BASE ET SYSTEME DE ROBOT DE NETTOYAGE
[72] LI, XING, CN
[72] DUAN, CHUANLIN, CN
[72] CHENG, PAN, CN
[71] BEIJING ROBOROCK TECHNOLOGY CO., LTD., CN
[85] 2024-01-16
[86] 2021-12-13 (PCT/CN2021/137566)
[87] (WO2023/284238)
[30] CN (202110805968.1) 2021-07-16

[21] 3,226,097
[13] A1

[51] Int.Cl. A01N 43/16 (2006.01) A01N 63/12 (2020.01)
[25] EN
[54] PHEROMONE COMPOSITIONS, METHODS OF MAKING, AND THEIR USES
[54] COMPOSITIONS DE PHEROMONE, PROCEDES DE PREPARATION ET LEURS UTILISATIONS
[72] KAPLAN, FATMA, US
[71] PHERONYM, INC., US
[71] KAPLAN, FATMA, US
[85] 2024-01-16
[86] 2022-09-18 (PCT/US2022/043918)
[87] (WO2023/055588)
[30] US (63/249,114) 2021-09-28

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[21] 3,226,100

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 - [25] EN
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 - [54] POLYPEPTIDES LIEURS
 - [72] KIM, PHILLIP S., US
 - [72] Langley, Emma, US
 - [72] LU, HSIENG, US
 - [72] LIU, XINJUN, US
 - [72] LI, CHEN, US
 - [71] TRUTINO BIOSCIENCES INC., US
 - [85] 2024-01-16
 - [86] 2022-07-20 (PCT/US2022/073970)
 - [87] (WO2023/004368)
 - [30] US (63/224,350) 2021-07-21
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- [51] Int.Cl. B01D 71/82 (2006.01) B01D 71/02 (2006.01)
- [25] EN
- [54] METHOD OF FORMING GRAPHENE OXIDE FILM ON A SUBSTRATE
- [54] PROCEDE DE FORMATION D'UN FILM D'OXYDE DE GRAPHENE SUR UN SUBSTRAT
- [72] POPE, MICHAEL A., CA
- [72] XU, LUZHU, CA
- [72] WILSON, NICHOLAS D., CA
- [72] VERMA, PRIYANKA, CA
- [71] EVERCLOAK INC., CA
- [85] 2024-01-16
- [86] 2022-07-19 (PCT/CA2022/051116)
- [87] (WO2023/004498)
- [30] US (63/227,594) 2021-07-30

[21] 3,226,102

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- [51] Int.Cl. C07K 16/28 (2006.01)
 - [25] EN
 - [54] IGFR-L1 ANTIBODIES AND USES THEREOF
 - [54] ANTICORPS CIBLANT IGFR-L1 ET LEURS UTILISATIONS
 - [72] LICKERT, HEIKO, DE
 - [72] COSKUN, UNAL, DE
 - [72] GRZYBEK, MICHAL, DE
 - [71] HELMHOLTZ ZENTRUM MUENCHEN - DEUTSCHE FORSCHUNGSZENTRUM FÜR GESUNDHEIT UND UMWELT (GMBH), DE
 - [85] 2024-01-16
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 - [87] (WO2023/002060)
 - [30] EP (21187469.8) 2021-07-23
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- [25] EN
- [54] MEASUREMENT TOOL INSTALLATION APPARATUS AND METHOD
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 - [71] CATERPILLAR INC., US
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- [72] ZHANG, CHRISTOPHER, US
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 - [54] PROCEDE DE CRYOCONSERVATION DE FRAGMENTS DE TUMEUR SOLIDE
 - [72] GERGES, NERMIN AWAD SAMIR, US
 - [72] WYPYCH, JOSEPH JAMES, US
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- [72] GOTTESMAN, YANECK, FR
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 - [72] RAE, WILLIAM GEORGE, GB
 - [71] EMTELLE UK LTD, GB
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- [72] YERBY, GARY C., US
- [72] DAHIWAL, CHETAN V., IN
- [72] YANIAK, THOMAS J., US
- [72] PERSHING, MICHAEL A., US
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 - [72] PALMER, WYLIE, US
 - [72] WU, JEFFREY, US
 - [72] LEE, JOHN, US
 - [72] OZBOYA, KEREM, US
 - [72] KANE, TIM, US
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- [72] RONZITTI, GIUSEPPE, FR
- [72] VIDAL, PAULINE, FR
- [71] GENETHON, FR
- [71] UNIVERSITE D'EVRY VAL D'ESSONNE, FR
- [71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
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 - [54] PROCEDE DE CONTROLE DE L'ECLAIRAGE D'UN MILIEU AGRICOLE
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 - [72] EL QOMRI, YASSINE, FR
 - [72] GOLAZ, LOUIS, FR
 - [71] ROUGE ENGINEERED DESIGNS, FR
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 - [54] PRODUIT DE TRAITEMENT DE SURFACE CONCENTRE ET PROCEDE DE PREPARATION, D'EMBALLAGE ET D'APPLICATION
 - [72] HEARLEY, ANDREW, NL
 - [71] SWIMC LLC, US
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- [72] KENNEDY, MATTHEW, US
- [71] THOMPSON INDUSTRIAL SERVICES, LLC, US
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[54] PROCEDE DE COMMANDE DE TRANSMISSION DANS UN SYSTEME DE COMMUNICATION PAR SATELLITE ET APPAREIL ASSOCIE
[72] SONG, DAKE, CN
[72] YU, XIAOLIANG, CN
[72] QIAN, FENG, CN
[72] ZHONG, JILEI, CN
[72] ZHU, XUDONG, CN
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[54] COMPOSITIONS ET PROCEDES POUR UNE RESOLUTION AMELIOREE DE LA CYTOSINE 5-HYDROXYMETHYLEE DANS LE SEQUENCAGE D'ACIDES NUCLEIQUES
[72] ARIAZI, ERIC, US
[72] ESQUETINI, PAULA, US
[72] TEWARI, ANEESHA, US
[72] WEINBERG, DAVID, US
[71] FREENOME HOLDINGS, INC., US
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[54] OUTIL DE POLISSAGE, SYSTEME DE POLISSAGE ET PROCEDE DE POLISSAGE
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[71] MEI S.R.L., IT
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[72] VIKINGSSON, LINE, SE
[72] FATHALI, HODA, SE
[72] SIMONARSON, GUNNAR, SE
[72] DAVIDSSON, OSCAR, SE
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 - [72] LACY, RACHEL D., AU
 - [72] VANDERLINDE, COURTNEY J., AU
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- [54] FORMULATION DE MELANGE FONGicide AQUEUX
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- [72] ADHIMOOLAM, ARUNAGIRINATHAN MANICKAM, IN
- [71] ADAMA MAKHTESHIM LTD., IL
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 - [54] PROCEDE, DISPOSITIF DE COMMANDE DE LOCALISATION ET VEHICULE DANS UN ENVIRONNEMENT MINIER
 - [72] LANDMARK, NICKLAS, SE
 - [72] OKVIST, ANDREAS, SE
 - [72] KALANDER, JAN, SE
 - [72] KODZAGA, ERMIN, SE
 - [71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
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- [72] WEBER, JULIEN, US
- [72] CADORETTE, TRAVIS, US
- [72] BOGDANOVIC, STEVAN, RS
- [71] LIVERRAMP, INC., US
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 - [54] PROTEINES DE FUSION GDF15 ET LEURS UTILISATIONS
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 - [72] XIAO, LIN, CN
 - [72] ZENG, JUNNAN, CN
 - [72] HUANG, LIMEI, CN
 - [72] WEI, XILING, CN
 - [72] LI, ZHAOFENG, CN
 - [72] GONG, QINGWEI, CN
 - [72] YAN, XINGGUO, CN
 - [72] LI, JING, CN
 - [72] HUANG, DANXIA, CN
 - [72] CHEN, XIAOFENG, CN
 - [72] LI, WENJIA, CN
 - [71] SUNSHINE LAKE PHARMA CO., LTD., CN
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 - [30] CN (202110977378.7) 2021-08-24
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- [54] BOULON D'ANCRAGE A HAUTE CAPACITE
- [72] DODDS, ANTHONY, AU
- [71] FCI HOLDINGS DELAWARE, INC., US
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[21] 3,226,216

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- [25] EN
- [54] NON-RETURN VALVE FOR A FLOW CHANNEL THROUGH WHICH A FLOW OF AIR FLOWS
- [54] DISPOSITIF ANTI-RETOUR POUR UN CANAL D'ECOULEMENT TRAVERSE PAR UN ECOULEMENT D'AIR
- [72] SCHUCK, THOMAS, DE
- [71] SKOBERNE GMBH, DE
- [85] 2024-01-17
- [86] 2022-07-21 (PCT/EP2022/070503)
- [87] (WO2023/001970)
- [30] DE (10 2021 118 897.0) 2021-07-21

[21] 3,226,222

[13] A1

- [51] Int.Cl. B64C 25/60 (2006.01) B64C 25/20 (2006.01) B64C 25/22 (2006.01) B64C 25/26 (2006.01) F15B 15/14 (2006.01)
- [25] EN
- [54] AIRCRAFT LANDING GEAR SHOCK ABSORBER STRUT
- [54] JAMBE D'AMORTISSEUR DE TRAIN D'ATTERRISSAGE D'AERONEF
- [72] BENNETT, IAN ROBERT, GB
- [71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
- [85] 2024-01-17
- [86] 2022-07-15 (PCT/EP2022/069861)
- [87] (WO2023/001704)
- [30] EP (21186935.9) 2021-07-21

[21] 3,226,223

[13] A1

- [51] Int.Cl. A61K 9/20 (2006.01)
- [25] EN
- [54] 5-HYDROXYTRYPTOPHAN GASTRORETENTIVE DOSAGE FORMS
- [54] FORMES POSOLOGIQUES A RETENTION GASTRIQUE DE 5-HYDROXYTRYPTOPHANE
- [72] JACOBSEN, JACOB PADE RAMSOE, US
- [72] BERNER, BRETT, US
- [72] LIN, WU, GB
- [72] TAY, CHING SIEU, GB
- [71] EVECXIA THERAPEUTICS, INC., US
- [85] 2024-01-17
- [86] 2022-07-29 (PCT/US2022/038914)
- [87] (WO2023/009841)
- [30] US (63/227,915) 2021-07-30

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[13] A1

- [51] Int.Cl. G06F 21/56 (2013.01) G06F 21/55 (2013.01) G06F 21/57 (2013.01) G06F 8/41 (2018.01)
- [25] EN
- [54] VULNERABILITY TRACKING USING SCOPE AND OFFSET
- [54] SUIVI DES VULNERABILITES A L'AIDE DE LA PORTEE ET DU DECALAGE
- [72] JOHNSON, JAMES, US
- [72] THOME, JULIAN, US
- [72] CHARLES, LUCAS, US
- [71] GITLAB INC., US
- [85] 2024-01-17
- [86] 2022-09-16 (PCT/US2022/043858)
- [87] (WO2023/049046)
- [30] US (63/247,019) 2021-09-22
- [30] US (17/941,935) 2022-09-09

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[13] A1

- [51] Int.Cl. G01N 33/483 (2006.01) G01N 33/569 (2006.01) G01N 33/574 (2006.01)
- [25] EN
- [54] METHODS FOR PREDICTING AND/OR MONITORING CANCER TREATMENT RESPONSE USING CHANGES IN CIRCULATING CANCER ASSOCIATED MACROPHAGE-LIKE CELLS (CAMLS)
- [54] METHODES POUR PREDIRE ET/OU SURVEILLER UNE REPONSE DE TRAITEMENT DU CANCER A L'AIDE DE CHANGEMENTS DANS DES CELLULES DE TYPE MACROPHAGE ASSOCIEES AU CANCER CIRCULANT (CAML)
- [72] ADAMS, DANIEL L., US
- [72] TANG, CHA-MEI, US
- [71] CREATV MICROTECH INC., US
- [85] 2024-01-17
- [86] 2022-07-21 (PCT/US2022/037874)
- [87] (WO2023/004038)
- [30] US (63/224,166) 2021-07-21
- [30] US (63/240,669) 2021-09-03
- [30] US (63/317,642) 2022-03-08

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[21] **3,226,229**
[13] A1

[51] Int.Cl. A61G 7/002 (2006.01) A47C 17/86 (2006.01) A47C 19/00 (2006.01) A47C 27/18 (2006.01) A61G 7/05 (2006.01) A61G 7/015 (2006.01)

[25] EN

[54] PATIENT SUPPORT APPARATUS AND MATTRESS THEREFOR

[54] APPAREIL DE SUPPORT DE PATIENT ET MATELAS S'Y RAPPORTANT

[72] LAVOIE, MARTIN, CA

[72] BOLDUC, STEVE, CA

[72] LAFLAMME LAROCHE, JIMMY, CA

[72] BEAULIEU, SYLVAIN, CA

[72] VERRET, PHILIPPE, CA

[72] LAPORTE, FLORIMOND, CA

[72] GAUVIN, CHRISTIAN, CA

[72] MARTINEAU, CHARLY, CA

[72] LACASSE, SYLVAIN, CA

[72] GREGOIRE, THOMAS, CA

[72] ROBITAILLE-BEAUMIER, MAXIM, CA

[72] PROVENCHER, PIERRE-LUC, CA

[72] GAUTHIER, JESSICA, CA

[72] MARCOTTE, JEROME, CA

[72] HADJEDJ, ANTHONY, CA

[72] BEN ABDESSALEM, ALI, CA

[72] POULIOT, ANTOINE, CA

[72] BOISVERT, SEBASTIEN, CA

[72] POULIN, PASCAL, CA

[72] QUINTERO, DANIEL, CA

[72] JOLY-DUMONT, JASMINE, CA

[72] KACEM, LAMIA, CA

[72] DEMERS, GHISLAIN, CA

[71] UMANO MEDICAL INC., CA

[85] 2024-01-17

[86] 2022-07-19 (PCT/IB2022/056645)

[87] (WO2023/002370)

[30] US (63/223,368) 2021-07-19

[21] **3,226,230**
[13] A1

[51] Int.Cl. B64C 25/08 (2006.01) F16C 11/02 (2006.01)

[25] EN

[54] PINTLE PIN ASSEMBLY MECHANISM

[54] MECANISME D'ASSEMBLAGE DE BROCHE D'AIGUILLE

[72] BENNETT, IAN ROBERT, GB

[71] SAFRAN LANDING SYSTEMS UK LTD, GB

[85] 2024-01-17

[86] 2022-07-13 (PCT/EP2022/069680)

[87] (WO2023/001676)

[30] EP (21187379.9) 2021-07-23

[21] **3,226,231**
[13] A1

[51] Int.Cl. G01S 19/21 (2010.01) G01S 19/37 (2010.01)

[25] FR

[54] ELECTRONIC PORTION OF A CRPA ANTENNA OF AN ANTI-JAMMING DEVICE FOR A GNSS RECEIVER, AND ASSOCIATED ANTI-JAMMING DEVICE AND METHOD FOR PROCESSING SIGNALS

[54] PARTIE ELECTRONIQUE D'ANTENNE CRPA D'UN DISPOSITIF D'ANTIBROUILLAGE POUR UN RECEPTEUR GNSS, ET DISPOSITIF D'ANTIBROUILLAGE ET PROCEDE DE TRAITEMENT DE SIGNAUX ASSOCIES

[72] MARTIN, NICOLAS, FR

[72] MEHLEN, CHRISTIAN, FR

[72] DEPRAZ, DAVID, FR

[71] THALES, FR

[85] 2024-01-17

[86] 2022-07-21 (PCT/EP2022/070479)

[87] (WO2023/001958)

[30] FR (FR2107910) 2021-07-22

[21] **3,226,235**
[13] A1

[51] Int.Cl. A61B 5/113 (2006.01) G06T 7/20 (2017.01)

[25] EN

[54] A SURFACE AUDIO-VISUAL BIOFEEDBACK (SAVB) SYSTEM FOR MOTION MANAGEMENT

[54] SYSTEME DE RETROACTION BIOLOGIQUE AUDIO-VISUELLE DE SURFACE (SAVB) DESTINE A LA GESTION DE MOUVEMENT

[72] NANO, TOMI, US

[72] CAPALDI, DANTE, US

[71] REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US

[85] 2024-01-17

[86] 2022-07-22 (PCT/US2022/074050)

[87] (WO2023/004417)

[30] US (63/225,171) 2021-07-23

[21] **3,226,240**
[13] A1

[51] Int.Cl. A61M 25/04 (2006.01) A61M 25/10 (2013.01)

[25] EN

[54] A DEVICE FOR INSERTING A GUIDE WIRE INTO BLOOD VESSEL

[54] DISPOSITIF POUR INTRODUIRE UN FIL DE GUIDAGE DANS UN VAISSEAU SANGUIN

[72] MONTORFANO, MATTEO, IT

[71] VIVHEART S.R.L., IT

[85] 2024-01-17

[86] 2022-09-15 (PCT/IB2022/058699)

[87] (WO2023/042109)

[30] IT (102021000024047) 2021-09-20

[21] **3,226,242**
[13] A1

[51] Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)

[25] EN

[54] PHARMACEUTICAL COMPOSITION AND USE

[54] COMPOSITION PHARMACEUTIQUE ET SON UTILISATION

[72] WANG, ZHONGMIN, CN

[72] LI, BAIYONG, CN

[72] XIA, YU, CN

[71] AKESO BIOPHARMA, INC., CN

[71] AKESO PHARMACEUTICALS, INC., CN

[85] 2024-01-17

[86] 2022-07-22 (PCT/CN2022/107522)

[87] (WO2023/001303)

[30] CN (202110842497.1) 2021-07-23

[21] **3,226,243**
[13] A1

[51] Int.Cl. A61M 25/04 (2006.01)

[25] EN

[54] AN ADJUSTABLE DEVICE FOR INSERTING A GUIDE WIRE INTO A BLOOD VESSEL

[54] DISPOSITIF REGLABLE POUR L'INSERTION D'UN FIL DE GUIDAGE DANS UN VAISSEAU SANGUIN

[72] MONTORFANO, MATTEO, IT

[71] VIVHEART S.R.L., IT

[85] 2024-01-17

[86] 2022-09-15 (PCT/IB2022/058701)

[87] (WO2023/042111)

[30] IT (102021000024056) 2021-09-20

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- [51] Int.Cl. H01S 3/00 (2006.01) H01S 3/0941 (2006.01) H01S 3/10 (2006.01) H01S 3/101 (2006.01) H01S 3/11 (2006.01) H01S 3/23 (2006.01) H01S 3/067 (2006.01) H01S 3/115 (2006.01)
- [25] EN
- [54] LASER SOURCE FOR AN OPHTHALMIC SURGICAL SYSTEM
- [54] SOURCE LASER POUR SYSTEME CHIRURGICAL OPHTALMIQUE
- [72] KITTELmann, OLAF, DE
- [71] ALCON INC., CH
- [85] 2024-01-17
- [86] 2022-08-30 (PCT/IB2022/058135)
- [87] (WO2023/031803)
- [30] US (63/240,102) 2021-09-02
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[21] 3,226,258

[13] A1

- [51] Int.Cl. C11D 1/66 (2006.01) C11D 1/74 (2006.01) C11D 3/50 (2006.01) C11D 11/00 (2006.01)
- [25] EN
- [54] METHOD
- [54] PROCEDE
- [72] BATCHELOR, STEPHEN NORMAN, NL
- [72] MEALING, DAVID RICHARD ARTHUR, NL
- [72] THOMAS, MATTHEW RHYS, NL
- [72] CUMMINS, ALISON, NL
- [71] UNILEVER GLOBAL IP LIMITED, GB
- [85] 2024-01-17
- [86] 2022-08-01 (PCT/EP2022/071536)
- [87] (WO2023/012098)
- [30] EP (21189815.0) 2021-08-05
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- [51] Int.Cl. A61K 38/00 (2006.01) A61K 38/12 (2006.01) A61P 11/00 (2006.01) A61P 25/02 (2006.01) A61P 31/14 (2006.01) C07K 5/09 (2006.01) C07K 5/11 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01)
- [25] EN
- [54] PEPTIDE COMPOSITIONS CAPABLE OF BINDING LANTHIONINE SYNTHETASE C-LIKE PROTEIN (LANCL) AND USES THEREOF
- [54] COMPOSITIONS PEPTIDIQUES CAPABLES DE SE LIER A LA PROTEINE DE TYPE C LANTHIONINE SYNTHETASE (LANCL) ET LEURS UTILISATIONS
- [72] GEARING, ANDREW, AU
- [72] KENLEY, DAVID, AU
- [71] LATERAL IP PTY LTD, AU
- [85] 2024-01-17
- [86] 2022-07-22 (PCT/AU2022/050778)
- [87] (WO2023/000038)
- [30] AU (2021902267) 2021-07-23
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[21] 3,226,260

[13] A1

- [51] Int.Cl. B65D 1/10 (2006.01) B65D 53/04 (2006.01)
- [25] EN
- [54] CONTAINER FINISH HAVING IMPROVED RIM PLANARITY
- [54] BAGUE DE RECIPIENT PRESENTANT UNE PLANEITE DE BORD AMELIOREE
- [72] YOURIST, SHELDON, US
- [72] KELLY, MICHAEL J., US
- [72] HEISNER, DAVID B., US
- [71] GRAHAM PACKAGING COMPANY, L.P., US
- [85] 2024-01-17
- [86] 2022-09-01 (PCT/US2022/042329)
- [87] (WO2023/034495)
- [30] US (17/465,299) 2021-09-02
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[13] A1

- [51] Int.Cl. C08K 3/04 (2006.01) C08J 5/10 (2006.01) C08L 95/00 (2006.01)
- [25] EN
- [54] POLYMER COMPOSITES COMPRISING CARBON SOURCE MATERIAL
- [54] COMPOSITES POLYMERES COMPRENANT UN MATERIAU SOURCE DE CARBONE
- [72] TREMBLY, JASON PATRICK, US
- [72] DHANAPAL, VICKRAM, US
- [72] CONNELL, DANIEL PATRICK, US
- [71] OHIO UNIVERSITY, US
- [85] 2024-01-05
- [86] 2022-07-07 (PCT/US2022/036345)
- [87] (WO2023/283325)
- [30] US (63/219,068) 2021-07-07
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- [51] Int.Cl. B23K 37/02 (2006.01) B23K 9/028 (2006.01) B23K 9/095 (2006.01) B25J 5/00 (2006.01) B25J 11/00 (2006.01) B25J 19/04 (2006.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR AUTONOMOUSLY WELDING INNER SURFACES OF PIPING OR TUBING
- [54] SYSTEMES ET PROCEDES DE SOUDAGE AUTONOME DE SURFACES INTERNES DE TUYAU OU DE TUBE
- [72] ABDOLLAHI, ABDOLREZA, CA
- [72] KARIMZADEH, SOROUSH, CA
- [72] ZAPALOWSKI, LEN, CA
- [71] NOVARC TECHNOLOGIES INC., CA
- [85] 2024-01-17
- [86] 2022-07-19 (PCT/CA2022/051117)
- [87] (WO2023/000090)
- [30] US (63/203,388) 2021-07-20
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[25] EN
[54] CLEAR KETTLE WITH DISPLAY
[54] BOUILLOIRE TRANSPARENTE DOTEE D'UN DISPOSITIF D'AFFICHAGE
[72] BIEGELEISEN, NAPHTALI H., US
[71] THE STEELSTONE GROUP LLC, US
[85] 2024-01-05
[86] 2022-07-07 (PCT/US2022/036347)
[87] (WO2023/283327)
[30] US (63/219,006) 2021-07-07
[30] US (29/798,782) 2021-07-09

[21] 3,226,264
[13] A1

[51] Int.Cl. A61K 9/127 (2006.01) A61K 9/51 (2006.01) A61K 47/14 (2017.01)
[25] EN
[54] LYOTROPIC LIQUID CRYSTALLINE NANOSYSTEMS WITH ENCAPSULATED BIOACTIVE MACROMOLECULES
[54] NANOSYSTEMES LIQUIDES CRISTALLINS LYOTROPES AVEC MACROMOLECULES BIOACTIVES ENCAPSULEES
[72] DEMETZOS, CONSTANTINOS, GR
[72] PISPAS, ASTERIOS, GR
[72] CHOUNTOULESI, MARIA, GR
[71] UNI-PHARMA KLEON TSETIS PHARMACEUTICAL LABORATORIES S.A., GR
[85] 2024-01-17
[86] 2022-07-29 (PCT/GR2022/000040)
[87] (WO2023/026067)
[30] GR (20210100567) 2021-08-23
[30] GR (20220100481) 2022-06-08
[30] GR (20220100584) 2022-07-21

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[13] A1

[51] Int.Cl. G01J 3/02 (2006.01) A61B 1/07 (2006.01)
[25] EN
[54] WATER JET LIGHT GUIDE FOR IN-VIVO SPECTROSCOPY
[54] GUIDE DE LUMIERE A JET D'EAU POUR SPECTROSCOPIE IN VIVO
[72] ZENG, HAISHAN, CA
[72] SHORT, MICHAEL, CA
[72] TIAN, YUNXIAN, CA
[71] PROVINCIAL HEALTH SERVICES AUTHORITY, CA
[85] 2024-01-17
[86] 2022-07-26 (PCT/CA2022/051152)
[87] (WO2023/004504)
[30] US (63/225,616) 2021-07-26

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[13] A1

[51] Int.Cl. B01J 20/10 (2006.01) B01J 20/26 (2006.01) B01J 20/32 (2006.01) C02F 1/28 (2006.01)
[25] EN
[54] REMOVAL OF VIRUSES FROM WATER BY FILTRATION
[54] ELIMINATION DE VIRUS DE L'EAU PAR FILTRATION
[72] WELTER, MARTIN, DE
[72] MEYER, CHRISTIAN, DE
[72] LUNGFIEL, KRISTIAN, DE
[71] INSTRUCTION GMBH, DE
[85] 2024-01-17
[86] 2022-08-04 (PCT/EP2022/071890)
[87] (WO2023/012251)
[30] DE (10 2021 120 424.0) 2021-08-05

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[13] A1

[51] Int.Cl. A61K 47/54 (2017.01) A61P 35/00 (2006.01)
[25] EN
[54] M6PR CELL SURFACE RECEPTOR BINDING COMPOUNDS AND CONJUGATES
[54] COMPOSES ET CONJUGUES DE LIAISON AU RECEPTEUR DE SURFACE CELLULAIRE M6PR
[72] BUSCH, BRETT BRADLEY, US
[72] ERNST, JUSTIN THOMAS, US
[72] PACKARD, GARRICK K., US
[72] LEWIS, JASON G., US
[72] TURTLE, ERIC D., US
[71] LYCIA THERAPEUTICS, INC., US
[85] 2024-01-05
[86] 2022-07-14 (PCT/US2022/037196)
[87] (WO2023/288015)
[30] US (63/221,915) 2021-07-14

[21] 3,226,269
[13] A1

[51] Int.Cl. A61K 47/54 (2017.01) A61P 35/00 (2006.01)
[25] EN
[54] ASGPR CELL SURFACE RECEPTOR BINDING COMPOUNDS AND CONJUGATES
[54] COMPOSES ET CONJUGUES DE LIAISON AU RECEPTEUR DE SURFACE CELLULAIRE ASGPR
[72] ERNST, JUSTIN THOMAS, US
[72] PACKARD, GARRICK K., US
[72] LEWIS, JASON G., US
[72] TURTLE, ERIC D., US
[72] BUSCH, BRETT BRADLEY, US
[71] LYCIA THERAPEUTICS, INC., US
[85] 2024-01-05
[86] 2022-07-14 (PCT/US2022/037227)
[87] (WO2023/288033)
[30] US (63/221,918) 2021-07-14

[21] 3,226,271
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[51] Int.Cl. C07D 451/04 (2006.01) A61K 31/46 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01) C07D 519/00 (2006.01)
[25] EN
[54] SEROTONIN 5-HT2B INHIBITORY COMPOUNDS
[54] COMPOSES INHIBITEURS DE LA SEROTONINE 5-HT2B
[72] EWIN, RICHARD A., US
[72] FENWICK, ASHLEY E., US
[72] SUBRAMANIAN, GOVINDAN, US
[71] ZOETIS SERVICES LLC, US
[85] 2024-01-05
[86] 2022-07-15 (PCT/US2022/037255)
[87] (WO2023/009330)
[30] US (63/225,775) 2021-07-26

[21] 3,226,272
[13] A1

[51] Int.Cl. C22C 19/05 (2006.01)
[25] EN
[54] NICKEL-BASE ALLOYS
[54] ALLIAGES A BASE DE NICKEL
[72] JANKOWSKI, JOSEPH A., US
[71] ATI PROPERTIES LLC, US
[85] 2024-01-05
[86] 2022-05-24 (PCT/US2022/072520)
[87] (WO2023/283507)
[30] US (63/220,057) 2021-07-09

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[25] EN
[54] USER AUTHENTICATION
[54] AUTHENTIFICATION D'UTILISATEUR
[72] SMITH, EMILY, US
[72] NEIGHBOUR, ERIK, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2024-01-05
[86] 2022-07-05 (PCT/US2022/073409)
[87] (WO2023/283542)
[30] US (17/368,965) 2021-07-07

[21] 3,226,274
[13] A1

[51] Int.Cl. F01N 13/18 (2010.01) F01N 3/00 (2006.01) F01N 3/035 (2006.01)
[25] EN
[54] SYSTEM AND PROCESS FOR REPLACING A CORE OF DIESEL EMISSION CONTROL DEVICE
[54] SYSTEME ET PROCESSUS DE REMPLACEMENT D'UN NOYAU D'UN DISPOSITIF DE COMMANDE DES EMISSIONS DE DIESEL
[72] VANPATTEN, MIKE, US
[72] LAMBE, PETE, US
[71] DIESEL EMISSION TECHNOLOGIES LLC, US
[85] 2024-01-05
[86] 2022-07-12 (PCT/US2022/073640)
[87] (WO2023/288219)
[30] US (63/220,887) 2021-07-12

[21] 3,226,275
[13] A1

[51] Int.Cl. A61M 25/10 (2013.01)
[25] EN
[54] MULTI-FUNCTION CATHETER AND METHODS FOR DIAGNOSIS AND/OR TREATMENT OF VENOUS THROMBOEMBOLIC DISEASE
[54] CATHETER MULTIFONCTION ET METHODES DE DIAGNOSTIC ET/OU DE TRAITEMENT D'UNE MALADIE THROMBOEMBOLIQUE VEINEUSE
[72] PANIAN, TYLER, US
[72] PAUL, JONATHAN, US
[72] AHMED, OSMANUDDIN, US
[71] THE UNIVERSITY OF CHICAGO, US
[85] 2024-01-05
[86] 2022-07-14 (PCT/US2022/073726)
[87] (WO2023/288268)
[30] US (63/221,805) 2021-07-14
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[21] 3,226,276
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[51] Int.Cl. C07K 14/725 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 14/74 (2006.01)
[25] EN
[54] MODIFIED T CELL RECEPTORS FOR THE PREVENTION AND TREATMENT OF VIRAL INFECTIONS AND CANCER
[54] RECEPTEURS DE LYMPHOCYTES T MODIFIES POUR LA PREVENTION ET LE TRAITEMENT D'INFECTIONS VIRALES ET DU CANCER
[72] OLSON, CLIFFORD ANDERS, US
[72] GARBAR, HERMES, US
[72] NELSON, JAY GARDNER, US
[72] NIAZI, KAYVAN, US
[72] RODRIGUEZ, NOE, US
[72] SIELING, PETER ALLAN, US
[72] SIXTO, MARCOS, US
[72] HIGASHIDE, WENDY M., US
[71] NANTCELL, INC., US
[85] 2024-01-05
[86] 2022-07-27 (PCT/US2022/074202)
[87] (WO2023/010047)
[30] US (63/227,195) 2021-07-29

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[13] A1

[51] Int.Cl. G02C 7/04 (2006.01) A61F 2/16 (2006.01)
[25] EN
[54] DIFFRACTIVE LENSES FOR RANGE OF VISION
[54] LENTILLES DE DIFFRACTION POUR PLAGE DE VISION
[72] JENKINS SANCHEZ, MARK, NL
[72] WEEBER, HENDRIK A., NL
[72] FARIA RIBEIRO, MIGUEL, PT
[71] AMO GRONINGEN B.V., NL
[85] 2024-01-08
[86] 2022-07-08 (PCT/EP2022/069179)
[87] (WO2023/281098)
[30] US (63/203,153) 2021-07-09

[21] 3,226,280
[13] A1

[51] Int.Cl. B01L 3/00 (2006.01)
[25] EN
[54] IMPROVEMENTS IN OR RELATING TO IMAGING MICRODROPLETS IN A MICROFLUIDIC DEVICE
[54] PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A L'IMAGERIE DE MICROGOUTTELETTES DANS UN DISPOSITIF MICROFLUIDIQUE
[72] ISAAC, THOMAS HENRY, GB
[72] DEACON, WILLIAM MICHAEL, GB
[72] CONTERIO, JASMIN KAUR CHANA, GB
[71] LIGHTCAST DISCOVERY LTD, GB
[85] 2024-01-08
[86] 2022-07-08 (PCT/GB2022/051766)
[87] (WO2023/281274)
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- [25] EN
- [54] **IMPROVED INHIBITORY DNA COMPOSITIONS AND USE THEREOF, IN PARTICULAR INTEGRATED WITH METABOLIC TREATMENT TO ENHANCE INHIBITORY EFFECTS**
- [54] **COMPOSITIONS D'ADN INHIBITRICES AMELIOREES ET LEUR UTILISATION, EN PARTICULIER INTEGREES A UN TRAITEMENT METABOLIQUE POUR AMELIORER LES EFFETS INHIBITEURS**
- [72] MAZZOLENI, STEFANO, IT
- [71] NO SELF S.R.L., IT
- [85] 2024-01-18
- [86] 2022-08-04 (PCT/IT2022/050221)
- [87] (WO2023/012845)
- [30] IT (102021000021392) 2021-08-06

[21] 3,226,300

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- [51] Int.Cl. C07K 16/40 (2006.01) C12N 15/113 (2010.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61P 21/00 (2006.01)
- [25] EN
- [54] **MUSCLE TARGETING COMPLEXES AND USES THEREOF FOR TREATING DYSTROPHINOPATHIES**
- [54] **COMPLEXES DE CIBLAGE MUSCULAIRE ET LEURS UTILISATIONS POUR LE TRAITEMENT DE DYSTROPHINOPATHIES**
- [72] DESJARDINS, CODY A., US
- [72] TANG, KIM, US
- [72] MCSWIGGEN, JAMES, US
- [72] SUBRAMANIAN, ROMESH R., US
- [72] WEEDEN, TIMOTHY, US
- [72] QATANANI, MOHAMMED T., US
- [72] QUINN, BRENDAN, US
- [72] NAJIM, JOHN, US
- [71] DYNE THERAPEUTICS, INC., US
- [85] 2024-01-08
- [86] 2022-07-08 (PCT/US2022/073534)
- [87] (WO2023/283619)
- [30] US (63/220,030) 2021-07-09

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- [51] Int.Cl. A61B 5/08 (2006.01)
- [25] EN
- [54] **Biomarker**
- [54] **Biomarqueur**
- [72] BRIGHTLING, CHRISTOPHER, GB
- [72] SIDDIQUI, SALMAN, GB
- [72] CORDELL, REBECCA LYNNE, GB
- [72] WILDE, MICHAEL JOHN, GB
- [71] UNIVERSITY OF LEICESTER, GB
- [71] LOUGHBOROUGH UNIVERSITY, GB
- [85] 2024-01-18
- [86] 2022-07-19 (PCT/GB2022/051858)
- [87] (WO2023/002167)
- [30] GB (2110365.0) 2021-07-19

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[13] A1

- [51] Int.Cl. A61F 2/24 (2006.01)
- [25] EN
- [54] **IMPROVEMENTS RELATING TO PROSTHETIC VALVES**
- [54] **AMELIORATIONS SE RAPPORTANT A DES VALVES PROTHETIQUES**
- [72] FERRARO, MAURO, FR
- [72] CENNAMO, TIZIANA, IT
- [72] VALERIO, LORENZO, FR
- [72] SCORSIN, MARCIO, CN
- [71] EPGON SAS, FR
- [85] 2024-01-18
- [86] 2022-07-28 (PCT/EP2022/071241)
- [87] (WO2023/012034)
- [30] EP (21315137.6) 2021-08-06

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- [51] Int.Cl. C07K 16/28 (2006.01) A61P 3/02 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07K 16/30 (2006.01)
- [25] EN
- [54] **NOVEL MULTI-SPECIFIC MOLECULES**
- [54] **NOUVELLES MOLECULES MULTI-SPECIFIQUES**
- [72] LU, HONGTAO, CN
- [72] SUN, DAWEI, CN
- [72] GENG, YANAN, CN
- [72] WANG, JING, CN
- [72] JIANG, HAIXIA, CN
- [72] WU, ZHIHAO, CN
- [72] GAO, RUI, CN
- [72] NIU, XIAOFENG, CN
- [72] QIU, YANGSHENG, CN
- [71] ELPISCIENCE (SUZHOU) BIOPHARMA, LTD., CN
- [71] ELPISCIENCE BIOPHARMA, LTD., CN
- [85] 2024-01-08
- [86] 2022-07-28 (PCT/US2022/074284)
- [87] (WO2023/010098)
- [30] CN (PCT/CN2021/109028) 2021-07-28
- [30] CN (PCT/CN2022/103725) 2022-07-04

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[13] A1

- [51] Int.Cl. C07C 29/82 (2006.01) B01D 3/14 (2006.01) B01D 3/36 (2006.01)
- [25] EN
- [54] **ORGANIC SOLVENT PRODUCTION VIA DISTILLATION AND DEHYDRATION**
- [54] **PRODUCTION DE SOLVANT ORGANIQUE PAR DISTILLATION ET DESHYDRATATION**
- [72] RIGHI, THIAGO, US
- [72] SHI, CHENXU, US
- [72] ANDRADE, VIRGINIA, US
- [72] BLUM, STEPHAN, US
- [71] WHITEFOX TECHNOLOGIES LIMITED, GB
- [85] 2024-01-09
- [86] 2022-07-12 (PCT/US2022/036782)
- [87] (WO2023/287760)
- [30] US (63/220,837) 2021-07-12
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<p>[21] 3,226,319 [13] A1</p> <p>[51] Int.Cl. A61M 1/06 (2006.01)</p> <p>[25] EN</p> <p>[54] BREAST CONTACTING ELEMENT</p> <p>[54] ELEMENT DE CONTACT AVEC LE SEIN</p> <p>[72] CUDWORTH, NICHOLAS, GB</p> <p>[72] HUME, JOSHUA, GB</p> <p>[71] MAYBORN (UK) LIMITED, GB</p> <p>[85] 2024-01-18</p> <p>[86] 2022-08-03 (PCT/GB2022/052040)</p> <p>[87] (WO2023/012476)</p> <p>[30] GB (2111318.8) 2021-08-05</p>	<p>[21] 3,226,371 [13] A1</p> <p>[51] Int.Cl. A61N 1/375 (2006.01)</p> <p>[25] EN</p> <p>[54] FULL-DUPLEX IPG SYSTEM AND ELECTRO-OPTICAL PERCUTANEOUS LEAD</p> <p>[54] SYSTEME IPG DUPLEX INTEGRAL ET FIL PERCUTANE ELECTRO-OPTIQUE</p> <p>[72] WOLF, ERICH W. II, US</p> <p>[72] O'NEAL, DENNIS PATRICK, US</p> <p>[71] WAVEGATE CORPORATION, US</p> <p>[85] 2024-01-19</p> <p>[86] 2022-07-27 (PCT/US2022/074215)</p> <p>[87] (WO2023/010055)</p> <p>[30] US (63/203,649) 2021-07-27</p> <p>[30] US (17/815,482) 2022-07-27</p> <p>[30] US (17/815,494) 2022-07-27</p>	<p>[21] 3,226,374 [13] A1</p> <p>[51] Int.Cl. B65D 88/14 (2006.01) B65D 19/36 (2006.01)</p> <p>[25] EN</p> <p>[54] MODULAR DECKING SYSTEM WITH SECUREMENT BEAMS</p> <p>[54] SYSTEME DE PLANCHER MODULAIRE A POUTRES DE FIXATION</p> <p>[72] ALBERS, DAVID GEORGE, US</p> <p>[72] HENDERSON, DYLAN, US</p> <p>[72] LOUKOTA, BRANDON, US</p> <p>[72] MCALLISTER, BROCK ALLEN, US</p> <p>[72] NOBLITT, KENNETH LEE, US</p> <p>[72] BELIN, MARK CARL, US</p> <p>[71] INNOVATIVE LOGISTICS, LLC, US</p> <p>[85] 2024-01-19</p> <p>[86] 2022-07-21 (PCT/US2022/037890)</p> <p>[87] (WO2023/004051)</p> <p>[30] US (63/224,296) 2021-07-21</p>
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 - [54] INDEXAGE VERTICAL DE SEGMENTS DE TOUR DE CROISSANCE
 - [72] KREINER, PAUL BRYAN, US
 - [72] KIRKPATRICK, RYAN SCOTT, US
 - [72] SCHWIETERMAN, MICHAEL LEE, US
 - [72] LIANG, XIAOMING, US
 - [71] MJNN LLC, US
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 - [87] (WO2023/004320)
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 - [54] PHOTODYNAMIC THERAPY COMPOSITIONS AND METHODS OF TREATMENT THEREIN
 - [54] COMPOSITIONS THERAPEUTIQUES PHOTODYNAMIQUES ET METHODES DE TRAITEMENT ASSOCIEES
 - [72] KUTSCHERA, GLENN M., US
 - [72] MANG, THOMAS S., US
 - [71] PINNACLE BIOLOGICS, INC., US
 - [85] 2024-01-19
 - [86] 2022-07-20 (PCT/US2022/037734)
 - [87] (WO2023/003960)
 - [30] US (63/223,835) 2021-07-20
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 - [25] EN
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 - [54] COMPOSITIONS ET PROCEDES DE PRODUCTION DE PRODUITS CHIMIQUES A VALEUR AJOUTEE
 - [72] LEE, TONI M., US
 - [72] FISHER, BRIAN F., US
 - [72] WIEMANN, PHILIPP, US
 - [72] CHAKRABARTI, GAURAB, US
 - [72] NGUYEN, PETER, US
 - [72] LOFTIS, KEVIN, US
 - [72] QIAN, SHUAI, US
 - [72] MILLER, KONRAD, US
 - [72] WOELK, HANS-JOERG, US
 - [72] DOWNING, SARAH, US
 - [72] WEINER, DAVID, US
 - [72] FAIR, DANIELLE, US
 - [72] HUNT, SEAN, US
 - [71] SOLUGEN, INC., US
 - [85] 2024-01-19
 - [86] 2022-07-22 (PCT/US2022/074076)
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- [54] TISSU INDUSTRIEL
- [72] UEDA, IKUO, JP
- [71] NIPPON FILCON CO., LTD., JP
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 - [25] EN
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 - [54] SYSTEME DE PREPARATION DE BOISSONS
 - [72] BEAUSIRE, CEDRIC, CH
 - [72] VUAGNIAUX, DIDIER, CH
 - [71] SOCIETE DES PRODUITS NESTLE, S.A., CH
 - [85] 2024-01-19
 - [86] 2022-07-29 (PCT/EP2022/071432)
 - [87] (WO2023/006991)
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- [25] EN
- [54] IDENTIFYING ELECTRONIC DEVICES USING TEMPORALLY CHANGING INFORMATION
- [54] IDENTIFICATION DE DISPOSITIFS ELECTRONIQUES A L'AIDE D'INFORMATIONS A VARIATIONS TEMPORELLES
- [72] FORUTANPOUR, BABAK, US
- [72] GOODING, TED RAY, US
- [72] CHAO, DERCHANG, US
- [72] LABBAN, MAZEN, US
- [71] ECOATM, LLC, US
- [85] 2024-01-09
- [86] 2022-07-08 (PCT/US2022/073570)
- [87] (WO2023/283647)
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 - [54] EXTRACTION OF LIQUID FROM PIERCEABLE LIQUID STORAGE CONTAINER
 - [54] EXTRACTION DE LIQUIDE A PARTIR D'UN RECIPIENT DE STOCKAGE DE LIQUIDE PERCABLE
 - [72] LILLIS, BARRY, GB
 - [72] MALINSON, JASPER, GB
 - [72] PATEL, JIMISHKUMAR, GB
 - [72] WHITING, MYLES, GB
 - [72] HYLAND, MARK, GB
 - [72] REIS, NUNO, GB
 - [72] PUNIM, AMANDA, GB
 - [72] CERIANI, DYLAN, GB
 - [71] OSLER DIAGNOSTICS LIMITED, GB
 - [85] 2024-01-19
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 - [25] EN
 - [54] REGULATION OF A TWO-ELECTRODE ANALYTE SENSOR
 - [54] REGULATION D'UN CAPTEUR D'ANALYTE A DEUX ELECTRODES
 - [72] POETSCHKE, MARKUS, DE
 - [71] F. HOFFMANN-LA ROCHE AG, CH
 - [85] 2024-01-19
 - [86] 2022-08-09 (PCT/EP2022/072303)
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- [25] EN

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- [54] INHIBITEURS DE ROCK2 ET LEURS UTILISATIONS
 - [72] MOORE, JOEL D., US
 - [72] CHEN, CHRISTOPHER S., US
 - [71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
 - [71] TRUSTEES OF BOSTON UNIVERSITY, US
 - [85] 2024-01-19
 - [86] 2022-07-26 (PCT/US2022/038271)
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 - [25] EN
 - [54] COMBINED PATIENT HANDLING AND SURGICAL POSITIONING SYSTEM FOR USE WITH MECHANICAL LIFTS IN THE OPERATING ROOM
 - [54] SYSTEME COMBINE DE MANIPULATION DE PATIENT ET DE POSITIONNEMENT CHIRURGICAL DESTINE A ETRE UTILISE AVEC DES ELEVATEURS MECANIQUES DANS LA SALLE D'OPERATION
 - [72] GOMEZ, DAVID J., US
 - [71] INFINITUS MEDICAL TECHNOLOGIES LLC, US
 - [85] 2024-01-19
 - [86] 2022-07-22 (PCT/US2022/038050)
 - [87] (WO2023/004137)
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 - [54] SYSTEMS, METHODS, APPLICATIONS, AND USER INTERFACES FOR PROVIDING TRIGGERS IN A SYSTEM OF RECORD
 - [54] SYSTEMES, PROCEDES, APPLICATIONS ET INTERFACES UTILISATEUR POUR FOURNIR DES DECLENCHEURS DANS UN SYSTEME D'ENREGISTREMENT
 - [72] GUNDA, SIDDHARTHA, US
 - [72] BOSTON, KYLE MICHAEL, US
 - [72] BUSAGLIA, DANIEL ROBERT, US
 - [72] DHARMASENA, DILANKA THESHAN, US
 - [72] KETKAR, SANKET, US
 - [71] PEOPLE CENTER, INC., US
 - [85] 2024-01-19
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- [25] EN
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- [54] FORMULATIONS ADHESIVES THERMOFUSIBLES A APTITUDE AU TRAITEMENT AMELIOREE EN REVETEMENT PAR FILIERE DROITE PLATE
- [72] BUGANA, ALBERTO, IT
- [72] BRIATICO VANGOSA, FRANCESCO, IT
- [71] SAVARE' I.C. S.R.L., IT
- [85] 2024-01-19
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- [87] (WO2023/007257)
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- [25] EN
- [54] DEVICE FOR RECEIVING AND FIXING THE COMPONENT CARRIER OF A 3D PRINTER BY UTILIZING EXISTING AXES OF MOTION
- [54] DISPOSITIF DE RECEPTION ET DE FIXATION DU SUPPORT DE COMPOSANT D'UNE IMPRIMANTE 3D PAR L'UTILISATION D'AXES DE MOUVEMENT EXISTANTS
- [72] KAUFMANN, BERNHARD, DE
- [72] HASENZAHL, THOMAS, DE
- [72] SCHULZ, TOBIAS, DE
- [71] DENTSPLY SIRONA INC., US
- [71] SIRONA DENTAL SYSTEMS GMBH, DE
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- [54] PROMEDICAMENT SOLUBLE DANS L'EAU, CONJUGUES ET LEURS UTILISATIONS
- [72] SHABAT, DORON, IL
- [72] SATCHI-FAINARO, RONIT, IL
- [72] SWEENEY-LASCH, STANLEY, DE
- [72] DEUTSCH, CARL, DE
- [72] BERGER, NIR, IL
- [71] RAMOT AT TEL-AVIV UNIVERSITY LTD., IL
- [71] MERCK PATENT GMBH, DE
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- [25] EN
- [54] DRIVE UNIT FOR INTRAVASCULAR CIRCULATORY SUPPORT SYSTEMS
- [54] UNITE D'ENTRAINEMENT POUR SYSTEMES DE SUPPORT CIRCULATOIRE INTRAVASCULAIRE
- [72] IVERS, DOUGLAS EDWARD, US
- [71] NUPULSECV, INC., US
- [85] 2024-01-19
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- [87] (WO2023/014659)
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- [25] EN
- [54] DEVICE AND METHOD FOR THE AMELIORATION OF ECTATIC AND IRREGULAR CORNEAL DISORDERS
- [54] DISPOSITIF ET PROCEDE POUR L'AMELIORATION DE TROUBLES DE LA CORNEE ECTASIQUES ET IRREGULIERS
- [72] Hersh, Peter, US
- [72] GREENSTEIN, STEVEN, US
- [72] GELLES, JOHN, US
- [71] CTAK LLC, US
- [85] 2024-01-19
- [86] 2022-07-02 (PCT/US2022/036042)
- [87] (WO2023/009278)
- [30] US (63/225,484) 2021-07-24
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- [72] GONZALEZ, IGNACIO MORAGA, GB
- [72] MITRA, SUMAN, FR
- [72] GAGGERO, SILVIA, FR
- [71] UNIVERSITY OF DUNDEE, GB
- [71] CENTRE HOSPITALIER UNIVERSITAIRE DE LILLE, FR
- [71] THE UNIVERSITE DE LILLE, FR
- [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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- [54] TONDEUSE A POILS ET PEIGNE POUR ANIMAUX DE COMPAGNIE
- [72] AXELROD, GLEN S., US
- [72] GAJRIA, AJAY, US
- [72] ECHEVERRI, DIANA M., US
- [71] FOUR PAWS PRODUCTS, LTD., US
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 - [25] FR
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 - [54] DISPOSITIF DE STIMULATION NEURALE INTRINSEQUEMENT EQUILIBREE
 - [72] GUIRAUD, DAVID, FR
 - [72] ANDREU, DAVID, FR
 - [72] DEMARcq, MILAN, FR
 - [72] CATHEBRAS, GUY, FR
 - [72] AJRAM, SAMI, FR
 - [71] CNRS - CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
 - [71] INRIA - INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR
 - [71] UNIVERSITE DE MONTPELLIER, FR
 - [71] NEURINNOV, FR
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- [54] COMPOSITIONS MODIFIEES POUR UNE THERAPIE CIBLANT LES OS
- [72] XIAO, HAN, US
- [72] YU, CHENFEI, US
- [72] TIAN, ZERU, US
- [71] WILLIAM MARSH RICE UNIVERSITY, US
- [85] 2024-01-19
- [86] 2022-07-20 (PCT/US2022/073940)
- [87] (WO2023/004348)
- [30] US (63/223,875) 2021-07-20

[21] 3,226,402
[13] A1

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- [25] EN
- [54] ADENO-ASSOCIATED VIRAL VECTOR COMPOSITIONS AND METHODS OF PROMOTING MUSCLE REGENERATION
- [54] COMPOSITIONS DE VECTEURS VIRAUX ADENO-ASSOCIES ET METHODES DE PROMOTION DE LA REGENERATION MUSCULAIRE
- [72] ABBADI, DOUNIA, US
- [72] SCHNEIDER, ROBERT J., US
- [71] NEW YORK UNIVERSITY, US
- [85] 2024-01-19
- [86] 2022-07-19 (PCT/US2022/073910)
- [87] (WO2023/004332)
- [30] US (63/223,480) 2021-07-19

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- [51] Int.Cl. H02G 11/02 (2006.01) B60L 53/18 (2019.01)
 - [25] EN
 - [54] A CABLE HANDLING DEVICE FOR AN ELECTRICAL CHARGER AND AN ELECTRICAL CHARGER FOR CHARGING A VEHICLE
 - [54] DISPOSITIF DE MANIPULATION DE CABLE POUR CHARGEUR ELECTRIQUE ET CHARGEUR ELECTRIQUE POUR CHARGER UN VEHICULE
 - [72] MARTENSSON, MATTIAS, SE
 - [71] DOVER FUELING SOLUTIONS UK LIMITED, GB
 - [85] 2024-01-10
 - [86] 2022-06-28 (PCT/EP2022/067735)
 - [87] (WO2023/285134)
 - [30] SE (2150935-1) 2021-07-13
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- [25] EN
- [54] OFFSHORE DRILLING APPARATUS AND METHODS
- [54] APPAREIL ET PROCEDES DE FORAGE EN MER
- [72] HORN, TRISTAM PAUL, GB
- [72] BRUCE, STEPHEN EDMUND, GB
- [72] REYNOLDS, TYLER RHES, US
- [72] SHAND, DAVID MICHAEL, GB
- [71] DELTATEK OIL TOOLS LIMITED, GB
- [85] 2024-01-19
- [86] 2022-08-02 (PCT/GB2022/052028)
- [87] (WO2023/017242)
- [30] GB (2111613.2) 2021-08-12

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- [51] Int.Cl. A24F 40/53 (2020.01)
- [25] EN
- [54] INTERACTIVE AEROSOL PROVISION SYSTEM
- [54] SYSTEME DE FOURNITURE D'AEROSOL INTERACTIF
- [72] MOLONEY, PATRICK, GB
- [71] NICOVENTURES TRADING LIMITED, GB
- [85] 2024-01-19
- [86] 2022-07-13 (PCT/EP2022/069534)
- [87] (WO2023/006418)
- [30] GB (2110911.1) 2021-07-29

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- [51] Int.Cl. C22C 21/02 (2006.01) C22F 1/043 (2006.01)
- [25] EN
- [54] NEW 6XXX ALUMINUM ALLOYS
- [54] NOUVEAUX ALLIAGES D'ALUMINIUM 6XXX
- [72] KARABIN, LYNETTE M., US
- [72] HOSCH, TIMOTHY A., US
- [72] WANG, WEI, US
- [72] KELLEY, BRIAN, US
- [71] ARCONIC TECHNOLOGIES LLC, US
- [85] 2024-01-19
- [86] 2022-07-16 (PCT/US2022/037405)
- [87] (WO2023/003785)
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H01M 8/22 (2006.01)
 - [25] EN
 - [54] DETERMINING STATE OF CHARGE, MOLARITY AND OXIDATION STATE IN A FLOW BATTERY AND CONTROLLING A FLOW BATTERY
 - [54] DETERMINATION D'ETAT DE CHARGE, DE MOLARITE ET D'ETAT D'OXYDATION DANS UNE BATTERIE REDOX ET CONTROLE D'UNE BATTERIE REDOX
 - [72] ALEXANDRESCU, ERIC, US
 - [72] PERRY, MICHAEL L., US
 - [72] FALCINELLI, MICHAEL T., US
 - [71] LARGO CLEAN ENERGY CORP., US
 - [85] 2024-01-19
 - [86] 2022-08-16 (PCT/US2022/040449)
 - [87] (WO2023/034018)
 - [30] US (63/240,430) 2021-09-03
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[13] A1

- [51] Int.Cl. A61M 39/24 (2006.01)
- [25] EN
- [54] CHECK VALVE
- [54] CLAPET ANTI-RETOUR
- [72] THAKORE, BHANUPRATAPSINGH DHARMENDRASINGH, IN
- [72] MENON, KANJIMPUREDATHIL MURALIKRISHNA, IN
- [71] CAREFUSION 303, INC., US
- [85] 2024-01-19
- [86] 2022-08-02 (PCT/US2022/039204)
- [87] (WO2023/014737)
- [30] US (17/393,269) 2021-08-03

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- [51] Int.Cl. B65H 29/58 (2006.01) B65H 29/24 (2006.01) B65H 29/32 (2006.01)
 - [25] EN
 - [54] DEVICE FOR REMOVING OR SETTING ASIDE PRODUCT SEGMENTS FROM A PRODUCT FLOW IN THE ENERGY-CELL MANUFACTURING INDUSTRY
 - [54] DISPOSITIF DE PRELEVEMENT OU DE DEVIATION DE SEGMENTS DE PRODUITS A PARTIR D'UN FLUX DE PRODUITS DE L'INDUSTRIE PRODUISANT DES ELEMENTS ENERGETIQUES
 - [72] FOLGER, MANFRED, DE
 - [72] KREYSERN, JAN, DE
 - [72] WAGNER, MARCUS, DE
 - [72] KLEINE WACHTER, MICHAEL, DE
 - [72] MEINKE, KARSTEN, DE
 - [72] HOFMANN, NILS, DE
 - [72] GOGEL, PATRICK, DE
 - [71] KORBER TECHNOLOGIES GMBH, DE
 - [85] 2024-01-10
 - [86] 2022-07-07 (PCT/EP2022/068876)
 - [87] (WO2023/285270)
 - [30] DE (10 2021 207 346.8) 2021-07-12
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[13] A1

- [51] Int.Cl. A61K 31/381 (2006.01) A61P 1/16 (2006.01) A61P 35/00 (2006.01)
- [25] EN
- [54] SMALL MOLECULE TREATMENT OF FATTY LIVER DISEASE AND HCC WITH JNK-IN-5A
- [54] TRAITEMENT DE PETITES MOLECULES DE LA STEATOSE HEPATIQUE ET DE LA CHC AVEC JNK-IN-5A
- [72] MARDINOGLU, ADIL, SE
- [72] BOREN, JAN, SE
- [72] UHLEN, MATHIAS, SE
- [71] SCANDIEDGE THERAPEUTICS AB, SE
- [85] 2024-01-19
- [86] 2022-08-05 (PCT/EP2022/072165)
- [87] (WO2023/016950)
- [30] EP (21191191.2) 2021-08-13

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[13] A1

- [51] Int.Cl. G06T 15/08 (2011.01) H04N 13/275 (2018.01)
 - [25] EN
 - [54] MULTI OBJECT SURFACE IMAGE (MOSI) FORMAT
 - [54] FORMAT D'IMAGE DE SURFACE A OBJETS MULTIPLES (MOSI)
 - [72] VAREKAMP, CHRISTIAAN, NL
 - [72] WILLEMS, ANDY, NL
 - [71] KONINKLIJKE PHILIPS N.V., NL
 - [85] 2024-01-10
 - [86] 2022-07-12 (PCT/EP2022/069411)
 - [87] (WO2023/285435)
 - [30] EP (21185484.9) 2021-07-14
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- [51] Int.Cl. F24F 1/0003 (2019.01) F24F 1/46 (2011.01) F24F 5/00 (2006.01)
 - [25] EN
 - [54] OUTDOOR ENERGY-STORAGE DEVICE
 - [54] DISPOSITIF DE STOCKAGE D'ENERGIE EXTERIEUR
 - [72] SCHECHNER, ALEXANDER, DE
 - [72] IHLE, GERHARD, DE
 - [72] SCHWENK, GUNTHER, DE
 - [71] ENVOLA GMBH, DE
 - [85] 2024-01-10
 - [86] 2022-07-15 (PCT/EP2022/069919)
 - [87] (WO2023/285684)
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- [51] Int.Cl. A61K 39/395 (2006.01) A61P 27/02 (2006.01) C07K 14/78 (2006.01)
- [25] EN
- [54] COMPOSITIONS AND METHODS FOR INHIBITING HUMAN BLOOD PROTEIN VITRONECTIN
- [54] COMPOSITIONS ET METHODES D'INHIBITION DE LA PROTEINE VITRONECTINE DE SANG HUMAIN
- [72] MARASSI, FRANCESCA M., US
- [72] SHIN, KYUNGSOO, US
- [72] KENT, JAMES E., US
- [71] SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE, US
- [85] 2024-01-19
- [86] 2022-07-20 (PCT/US2022/037704)
- [87] (WO2023/003949)
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- [51] Int.Cl. B05B 12/00 (2018.01) C09D 7/40 (2018.01) C09D 7/61 (2018.01) C09D 7/65 (2018.01) B05D 1/02 (2006.01) B05D 7/14 (2006.01) C09D 5/00 (2006.01)
- [25] EN
- [54] COATING COMPOSITIONS, METHODS FOR USING THEM AND SYSTEMS THAT INCLUDE THEM
- [54] COMPOSITIONS DE REVETEMENT, PROCEDES D'UTILISATION DE CES DERNIERES ET SYSTEMES LES COMPRENANT
- [72] WANG, CHAO, US
- [72] DAUGHENBAUGH, RANDY E., US
- [72] PETROUSKIE, BRANDON G., US
- [72] KRALIC, JR. RONALD J., US
- [72] REARICK, BRIAN KIRK, US
- [71] PPG INDUSTRIES OHIO, INC., US
- [85] 2024-01-19
- [86] 2022-08-03 (PCT/US2022/074449)
- [87] (WO2023/019073)
- [30] US (63/232,761) 2021-08-13
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- [51] Int.Cl. A61M 5/31 (2006.01) A61M 5/34 (2006.01)
- [25] EN
- [54] CLOSURE CAP AND CLOSURE SYSTEM FOR A SYRINGE THAT IS PREFILLED WITH A MEDICAMENT OR MEDICAL ACTIVE SUBSTANCE
- [54] CAPUCHON DE FERMETURE ET SYSTEME DE FERMETURE POUR UNE SERINGUE PRE-REMPLIE AVEC UN MEDICAMENT OU UNE SUBSTANCE ACTIVE MEDICALE
- [72] KOLLER, HORST, CH
- [71] INDUCTIO AG, CH
- [85] 2024-01-10
- [86] 2022-07-14 (PCT/EP2022/069815)
- [87] (WO2023/285633)
- [30] EP (21185683.6) 2021-07-14

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- [51] Int.Cl. G01N 33/574 (2006.01) G01N 33/68 (2006.01)
- [25] FR
- [54] METHOD FOR CHARACTERISING A TUMOUR
- [54] PROCEDE DE CARACTERISATION D'UNE TUMEUR
- [72] RIVALS, ERIC, FR
- [72] HIRTZ, CHRISTOPHE, FR
- [72] DAVID, ALEXANDRE, FR
- [72] RELLIER, SEBASTIEN, FR
- [72] BAUCHET, LUC, FR
- [71] CENTRE HOSPITALIER UNIVERSITAIRE DE MONTPELLIER, FR
- [71] UNIVERSITE DE MONTPELLIER, FR
- [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
- [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE - INSERM, FR
- [85] 2024-01-19
- [86] 2022-07-21 (PCT/EP2022/070551)
- [87] (WO2023/006588)
- [30] FR (FR2108279) 2021-07-29

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- [51] Int.Cl. A22B 3/00 (2006.01)
- [25] EN
- [54] METHOD FOR THE STUNNING BY GAS AND SLAUGHTER BY DECOMPRESSION OF ANIMALS
- [54] PROCEDE D'ETOUDISSEMENT PAR GAZ ET D'ABATTAGE PAR DECOMPRESSION D'ANIMAUX
- [72] CATTARUZZI, GIACOMO, IT
- [71] CATTARUZZI INTERNATIONAL S.R.L., IT
- [85] 2024-01-19
- [86] 2022-07-11 (PCT/IB2022/056380)
- [87] (WO2023/002299)
- [30] IT (102021000019343) 2021-07-21

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- [51] Int.Cl. H04B 7/185 (2006.01)
- [25] EN
- [54] INTEGRATED PLATFORM FOR NANOSATELLITE SYSTEM DATA PROCESSING
- [54] PLATE-FORME INTEGREE POUR TRAITEMENT DE DONNEES DE SYSTEME DE NANOSATELLITE
- [72] RAICHEV, RAYCHO RUSLANOV, BG
- [72] TOSHEV, LYUBOMIR ANGELOV, BG
- [71] "ENDUROSAT" JOINT STOCK COMPANY, BG
- [85] 2024-01-19
- [86] 2022-04-28 (PCT/BG2022/000005)
- [87] (WO2023/000044)
- [30] BG (113402) 2021-07-22

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- [51] Int.Cl. C12Q 1/689 (2018.01) C12Q 1/686 (2018.01) C12Q 1/6886 (2018.01)
- [25] EN
- [54] METHODS OF DISEASE DIAGNOSTICS UTILIZING MICROBIAL EXTRACELLULAR VESICLE (MEV) ANALYTES
- [54] METHODES DE DIAGNOSTIC DE MALADIES FAISANT APPEL A DES ANALYTES DE VESICULES EXTRACELLULAIRES MICROBIENNES (MEV)
- [72] FRARACCIO, SERENA, US
- [72] ADAMS, EDDIE, US
- [72] WANDRO, STEPHEN, US
- [71] MICRONOMA, INC., US
- [85] 2024-01-19
- [86] 2022-07-19 (PCT/US2022/037647)
- [87] (WO2023/003917)
- [30] US (63/223,725) 2021-07-20

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- [51] Int.Cl. C07K 16/28 (2006.01)
 - [25] EN
 - [54] ANTI-CD38 ANTIBODIES, ANTI-CD3 ANTIBODIES, AND BISPECIFIC ANTIBODIES, AND USES THEREOF
 - [54] ANTICORPS ANTI-CD38, ANTICORPS ANTI-CD3 ET ANTICORPS BISPECIFIQUES, ET LEURS UTILISATIONS
 - [72] CHIU, MARK, US
 - [72] FUNG, MAN-CHEONG, US
 - [72] TORNETTA, MARK, US
 - [72] WHITAKER, BRIAN, US
 - [72] PU, PU, CN
 - [72] JIN, YING, CN
 - [72] PENG, CHEN, CN
 - [72] KWONG, KENNETH CHEUNG, US
 - [72] YU, AO, CN
 - [72] ANDERSON, GLENN MARK, US
 - [71] HANGZHOU UNOGEN BIOTECH, LTD, CN
 - [85] 2024-01-09
 - [86] 2022-08-02 (PCT/US2022/074409)
 - [87] (WO2023/015170)
 - [30] US (63/228,195) 2021-08-02
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- [51] Int.Cl. G02B 27/01 (2006.01) G06T 19/00 (2011.01) G16H 40/67 (2018.01) A61B 8/00 (2006.01)
- [25] EN
- [54] SYSTEM AND APPARATUS FOR REMOTE INTERACTION WITH AN OBJECT
- [54] SYSTEME ET APPAREIL POUR UNE INTERACTION A DISTANCE AVEC UN OBJET
- [72] BLACK, DAVID GREGORY, CA
- [72] SALCUDEAN, SEPTIMIU E., CA
- [72] OLOUMI YAZDI, YAS, CA
- [72] HADI HOSSEINABADI, AMIR HOSSEIN, US
- [71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
- [85] 2024-01-19
- [86] 2022-07-15 (PCT/CA2022/051108)
- [87] (WO2023/000085)
- [30] US (63/224,646) 2021-07-22

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- [51] Int.Cl. H04N 19/122 (2014.01) H04N 19/124 (2014.01) H04N 19/61 (2014.01) H04N 19/96 (2014.01)
 - [25] EN
 - [54] HISTORY-BASED RICE PARAMETER DERIVATIONS FOR WAVEFRONT PARALLEL PROCESSING IN VIDEO CODING
 - [54] DERIVATIONS DE PARAMETRES DE RICE BASEES SUR UN HISTORIQUE POUR LE TRAITEMENT PARALLELE DE FRONT D'ONDE DANS LE CODAGE VIDEO
 - [72] YU, YUE, US
 - [72] YU, HAOPING, US
 - [71] INNOPEAK TECHNOLOGY, INC., US
 - [85] 2024-01-19
 - [86] 2022-08-26 (PCT/US2022/075502)
 - [87] (WO2023/028578)
 - [30] US (63/260,600) 2021-08-26
 - [30] US (63/251,385) 2021-10-01
 - [30] US (63/262,078) 2021-10-04
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- [51] Int.Cl. A23L 33/105 (2016.01) A61K 8/9789 (2017.01) A61K 31/7048 (2006.01) A61K 36/185 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01)
- [25] EN
- [54] COMPOSITION COMPRISING HORSE CHESTNUT EXTRACT
- [54] COMPOSITION COMPRENANT UN EXTRAIT DE MARRON D'INDE
- [72] KIM, MIN YOUNG, KR
- [72] PARK, BYUNG YOUNG, KR
- [72] CHO, IL HWAN, KR
- [72] PARK, EUN KYU, KR
- [71] ANGIOLAB, INC., KR
- [85] 2024-01-19
- [86] 2022-08-31 (PCT/KR2022/013018)
- [87] (WO2023/033535)
- [30] KR (10-2021-0116512) 2021-09-01

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[13] A1

- [51] Int.Cl. A61K 47/50 (2017.01) A61K 47/69 (2017.01) A61K 49/00 (2006.01)
 - [25] EN
 - [54] NANOPARTICLES FOR CELL DELIVERY
 - [54] NANOParticules pour ADMINISTRATION DANS DES CELLULES
 - [72] WALKER, AMY, GB
 - [72] LANCKRIET, HEIKKI, GB
 - [72] PICHER, ANGEL, ES
 - [71] 4BASEBIO UK LTD, GB
 - [71] 4BASEBIO, S.L.U., ES
 - [85] 2024-01-19
 - [86] 2022-07-29 (PCT/EP2022/071475)
 - [87] (WO2023/007017)
 - [30] EP (21382724.9) 2021-07-30
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- [51] Int.Cl. C12Q 1/6883 (2018.01) G16B 30/10 (2019.01) C12Q 1/6869 (2018.01)
- [25] EN
- [54] USE OF CIRCULATING CELL-FREE METHYLATED DNA TO DETECT TISSUE DAMAGE
- [54] UTILISATION D'ADN LIBRE CIRCULANT METHYLE POUR DETECTER UNE LESION TISSULAIRE
- [72] BAREFOOT, MEGAN E., US
- [72] WELLSTEIN, ANTON, US
- [71] GEORGETOWN UNIVERSITY, US
- [85] 2024-01-19
- [86] 2022-07-25 (PCT/US2022/038244)
- [87] (WO2023/004204)
- [30] US (63/224,873) 2021-07-23
- [30] US (63/324,112) 2022-03-27

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<p>[21] 3,226,442 [13] A1</p> <p>[51] Int.Cl. A47J 31/40 (2006.01)</p> <p>[25] EN</p> <p>[54] BEVERAGE PREPARATION SYSTEM</p> <p>[54] SYSTEME DE PREPARATION DE BOISSON</p> <p>[72] BEAUSIRE, CEDRIC, CH</p> <p>[72] VUAGNIAUX, DIDIER, CH</p> <p>[71] SOCIETE DES PRODUITS NESTLE S.A., CH</p> <p>[85] 2024-01-19</p> <p>[86] 2022-07-29 (PCT/EP2022/071437)</p> <p>[87] (WO2023/006994)</p> <p>[30] EP (21188906.8) 2021-07-30</p>
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- [51] Int.Cl. A61M 5/20 (2006.01) A61M 5/24 (2006.01)
- [25] EN
- [54] SYSTEMS, DEVICES AND METHODS FOR INTRADERMAL OR SUBDERMAL FLUID DELIVERY
- [54] SYSTEMES, DISPOSITIFS ET METHODES D'ADMINISTRATION INTRADERMIQUE OU SOUS-DERMIQUE DE FLUIDE
- [72] ABRAHAM, JACK PHILLIP, US
- [72] ROBERTS, CALLIE MACKENZIE, US
- [72] LIU, LIANG, US
- [72] KONG, DEHUI, US
- [72] CYPHER, HEALEY THOMAS, US
- [72] BENTE IV, PAUL F., US
- [72] HUROWITZ, STEFANIE ALYSE, US
- [72] BRUNO, NICHOLAS FRANK, US
- [72] KING, ANDREW NATHAN, US
- [72] CICCARELLI, NICHOLAS JOSEPH, US
- [71] ACOM LABS, INC., US
- [85] 2024-01-19
- [86] 2022-07-20 (PCT/US2022/073953)
- [87] (WO2023/004355)
- [30] US (63/223,915) 2021-07-20
- [30] US (63/235,085) 2021-08-19

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- [51] Int.Cl. B07C 5/342 (2006.01) B07C 5/36 (2006.01)
- [25] EN
- [54] MOBILE MATERIAL SORTING APPARATUS
- [54] APPAREIL MOBILE DE TRI DE MATERIAU
- [72] MCKIVER, AIDAN, GB
- [71] KIVERCO LIMITED, GB
- [85] 2024-01-19
- [86] 2022-07-20 (PCT/EP2022/070432)
- [87] (WO2023/001935)
- [30] GB (2110436.9) 2021-07-20

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[13] A1

- [51] Int.Cl. B01F 35/71 (2022.01) B01J 19/20 (2006.01) B02C 4/40 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD TO CONVERT CELLULOSETIC MATERIALS INTO SUGAR
- [54] SYSTEME ET PROCEDE POUR CONVERTIR DES MATIERES CELLULOSETIQUES EN SUCRE
- [72] SLAGER, BENJAMIN, US
- [72] HISSEM, KEVIN E., US
- [72] BAUGHMAN, TRAVIS WAYNE, US
- [72] LIBRA, ERIC R., US
- [71] ALLIANCE BIOENERGY PLUS INC. DBA BLUE BIOFUELS, US
- [85] 2024-01-19
- [86] 2022-07-21 (PCT/US2022/037866)
- [87] (WO2023/004035)
- [30] US (63/224,091) 2021-07-21

[21] 3,226,450
[13] A1

- [51] Int.Cl. B63B 35/32 (2006.01) E02B 15/04 (2006.01) E02B 15/10 (2006.01)
- [25] EN
- [54] ENVIRONMENTAL BARGE FOR FILTERING OIL FROM WATER IN THE SPILL RESPONSE TO OIL POLLUTION AT SEA
- [54] BARGE ENVIRONNEMENTALE POUR LA FILTRATION D'HYDROCARBURES DANS L'EAU EN REPONSE AU DEVERSEMENT D'UNE POLLUTION PAR HYDROCARBURES EN MER
- [72] WALTHER, JENS, DK
- [72] SCHMIDT, ERIK, DK
- [71] FLEX-FEB APS, DK
- [85] 2024-01-19
- [86] 2022-07-21 (PCT/GB2022/051909)
- [87] (WO2023/002203)
- [30] GB (2110479.9) 2021-07-21
- [30] GB (2110485.6) 2021-07-21
- [30] US (63/224,116) 2021-07-21

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- [51] Int.Cl. C12Q 1/6844 (2018.01) C12Q 1/6853 (2018.01) C12Q 1/6869 (2018.01) G01N 27/414 (2006.01)

- [25] EN
- [54] METHOD AND SYSTEM COMPRISING A CARTRIDGE FOR SEQUENCING TARGET POLYNUCLEOTIDES
- [54] PROCEDE ET SYSTEME COMPRENANT UNE CARTOUCHE POUR LE SEQUENCAGE DE POLYNUCLEOTIDES CIBLES

- [72] REED, SAM, GB
- [72] NELSON, NORM, GB
- [72] WOOLDRIDGE, DAVID, GB
- [72] FATOYINBO, HENRY, GB
- [72] MARTURANO, ALESSANDRO, GB
- [72] MORLEY, DAN, GB
- [72] WORSLEY, GRAHAM, GB
- [72] STANDRIDGE, DOUGLAS EDWARD, US
- [72] LIPINSKI, KAMIL ANDRZEJ, GB
- [72] BROWN, BRADLEY, US
- [72] FLAMM, ALEX, US
- [72] LANE, BEN, US
- [72] SPRINGER, MELANIE, US
- [71] DNAE DIAGNOSTICS LIMITED, GB
- [85] 2024-01-19
- [86] 2022-07-21 (PCT/GB2022/051909)
- [87] (WO2023/002203)
- [30] GB (2110479.9) 2021-07-21
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<p>[21] 3,226,457</p> <p>[13] A1</p> <p>[51] Int.Cl. A61K 47/69 (2017.01)</p> <p>[25] EN</p> <p>[54] NANOPARTICLES AND PEPTIDES FOR THE DELIVERY OF CARGOS TO MUSCLE CELLS</p> <p>[54] NANOPARTICULES ET PEPTIDES POUR L'ADMINISTRATION DE CHARGES A DES CELLULES MUSCULAIRES</p> <p>[72] WALKER, AMY, GB</p> <p>[72] LANCKRIET, HEIKKI, GB</p> <p>[72] PICHER, ANGEL, ES</p> <p>[72] DYANKOVA, ELENA, GB</p> <p>[71] 4BASEBIO UK LTD, GB</p> <p>[71] 4BASEBIO, S.L.U., ES</p> <p>[85] 2024-01-19</p> <p>[86] 2022-07-29 (PCT/EP2022/071426)</p> <p>[87] (WO2023/006985)</p> <p>[30] EP (21382723.1) 2021-07-30</p> <p>[30] EP (22382450.9) 2022-05-10</p>

<p>[21] 3,226,458</p> <p>[13] A1</p> <p>[51] Int.Cl. G06N 10/40 (2022.01)</p> <p>[25] EN</p> <p>[54] TUNABLE RESONATOR-RESONATOR COUPLING CIRCUIT AND QUANTUM COMPUTING APPARATUS COMPRISING THEREOF</p> <p>[54] CIRCUIT DE COUPLAGE DE RESONATEUR A RESONATEUR ACCORDABLE ET APPAREIL DE CALCUL QUANTIQUE COMPRENANT CELUI-CI</p> <p>[72] HEINSOO, JOHANNES, FI</p> <p>[72] TUORILA, JANI, FI</p> <p>[71] IQM FINLAND OY, FI</p> <p>[85] 2024-01-19</p> <p>[86] 2021-07-21 (PCT/FI2021/050538)</p> <p>[87] (WO2023/002091)</p>
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[13] A1

- [51] Int.Cl. C08K 3/013 (2018.01) C08K 3/22 (2006.01)
 - [25] EN
 - [54] OPAQUE LIGHTLY COLOURED THERMOPLASTIC MOULDING COMPOSITION
 - [54] MASSE A MOULER THERMOPLASTIQUE OPAQUE LEGEREMENT COLOREE
 - [72] GOLCHERT, URSULA, DE
 - [72] BECKER, ERNST, DE
 - [72] NAU, STEFAN, DE
 - [71] ROHM GMBH, DE
 - [85] 2024-01-19
 - [86] 2022-07-27 (PCT/EP2022/071083)
 - [87] (WO2023/006818)
 - [30] EP (21188666.8) 2021-07-30
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[13] A1

- [51] Int.Cl. H02J 7/00 (2006.01) H04R 5/02 (2006.01) H04R 27/00 (2006.01) H04R 19/01 (2006.01)
 - [25] EN
 - [54] OUTDOOR SPEAKER SYSTEM
 - [54] SYSTEME DE HAUT-PARLEUR EXTERIEUR
 - [72] STARRS, CLINT, US
 - [72] GOODMAN, DALE, US
 - [72] VOHWINKLE, NATHAN, US
 - [72] VERRILL, CRAIG, US
 - [71] TUNGSTEN AUDIO LLC, US
 - [85] 2024-01-19
 - [86] 2022-07-21 (PCT/US2022/037822)
 - [87] (WO2023/004008)
 - [30] US (63/224,043) 2021-07-21
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[13] A1

- [51] Int.Cl. H05H 1/42 (2006.01) B22F 9/14 (2006.01) B41F 23/06 (2006.01) G01F 11/18 (2006.01)
 - [25] EN
 - [54] HYBRID POWDER FEED DEVICE
 - [54] DISPOSITIF D'ALIMENTATION EN POUDRE HYBRIDE
 - [72] MAJCHER, JARED, US
 - [72] KOZLOWSKI, MICHAEL, US
 - [72] REDJDAL, MAKHLOUF, US
 - [71] 6K INC., US
 - [85] 2024-01-19
 - [86] 2022-07-26 (PCT/US2022/038349)
 - [87] (WO2023/009523)
 - [30] US (63/226,299) 2021-07-28
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- [51] Int.Cl. A61B 1/05 (2006.01) A61B 1/07 (2006.01) A61B 1/227 (2006.01) A61B 1/32 (2006.01) A61B 5/01 (2006.01) A61B 5/06 (2006.01) A61B 5/12 (2006.01) G01B 9/02 (2022.01) G01J 3/45 (2006.01) G01N 21/47 (2006.01) G01B 9/02091 (2022.01) G01J 3/02 (2006.01) G01J 3/18 (2006.01)
 - [25] EN
 - [54] SYSTEM FOR MULTIMODAL APPROACH TO COMPUTER ASSISTED DIAGNOSIS OF OTITIS MEDIA AND METHODS OF USE
 - [54] SYSTEME D'APPROCHE MULTIMODALE POUR LE DIAGNOSTIC ASSISTE PAR ORDINATEUR DE L'OTITE MOYENNE ET PROCEDES D'UTILISATION
 - [72] SHELTON, RYAN, US
 - [72] NOLAN, RYAN, US
 - [72] MOHAN, NISHANT, US
 - [71] PHOTONICARE INC., US
 - [85] 2024-01-19
 - [86] 2022-07-25 (PCT/US2022/038148)
 - [87] (WO2023/004183)
 - [30] US (63/225,129) 2021-07-23
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- [51] Int.Cl. C25B 1/042 (2021.01) C25B 3/26 (2021.01) C25B 9/77 (2021.01) C25B 15/08 (2006.01)
 - [25] EN
 - [54] METHOD FOR TRANSIENT OPERATION OF A SOLID OXIDE ELECTROLYSIS CELL STACK
 - [54] PROCEDE POUR FAIRE FONCTIONNER TRANSITOIREMENT UN EMPILEMENT DE CELLULES D'ELECTROLYSE A OXYDE SOLIDE
 - [72] KUNGAS, RAINER, EE
 - [72] BLENNOW, BENGT PETER GUSTAV, DK
 - [72] HEIREDAL-CLAUSEN, THOMAS, DK
 - [72] RASS-HANSEN, JEPPE, DK
 - [72] NORBY, TOBIAS HOLT, DK
 - [71] TOPSOE A/S, DK
 - [85] 2024-01-19
 - [86] 2022-07-13 (PCT/EP2022/069657)
 - [87] (WO2023/001669)
 - [30] EP (21186582.9) 2021-07-20
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- [51] Int.Cl. A23J 1/18 (2006.01) A23L 33/195 (2016.01) C07K 14/395 (2006.01) C07K 14/81 (2006.01) C12N 1/16 (2006.01) C12N 15/81 (2006.01)
 - [25] EN
 - [54] PROTEIN COMPOSITIONS AND METHODS OF PRODUCTION
 - [54] COMPOSITIONS DE PROTEINES ET LEURS PROCEDES DE PRODUCTION
 - [72] HURST, LOGAN, US
 - [72] ZHONG, WEIXI, US
 - [71] CLARA FOODS CO., US
 - [85] 2024-01-19
 - [86] 2022-07-22 (PCT/US2022/038095)
 - [87] (WO2023/004172)
 - [30] US (63/225,355) 2021-07-23
 - [30] US (63/356,944) 2022-06-29
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[13] A1

- [51] Int.Cl. C07K 14/405 (2006.01) C12N 5/0775 (2010.01) C07K 14/71 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01)
- [25] EN
- [54] METHODS AND SYSTEMS FOR THE SCALABLE GROWTH AND MAINTENANCE OF STEM CELLS USING OPTOGENETICS IN SUSPENSION
- [54] PROCEDES ET SYSTEMES POUR LA CROISSANCE ET LA MAINTENANCE EVOLUTIVES DE CELLULES SOUCHE A L'AIDE D'OPTOGENETIQUE EN SUSPENSION
- [72] KENT, DENIZ, US
- [72] HUISMAN, MAXIMILIAAN, US
- [72] JONES, DECLAN, US
- [72] JONES, VICTOR, US
- [72] HOOLEY, MONIQUE, US
- [72] GALE, EMILY, US
- [72] PATON, WILLIAM C., US
- [71] PROLIFIC MACHINES INC., US
- [85] 2024-01-19
- [86] 2022-07-21 (PCT/US2022/037854)
- [87] (WO2023/004031)
- [30] US (63/224,178) 2021-07-21

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[54] SYSTEM AND METHOD FOR SIMPLIFIED FACIAL CAPTURE WITH HEAD-MOUNTED CAMERAS
[54] SYSTEME ET PROCEDE POUR UNE CAPTURE FACIALE SIMPLIFIEE AVEC DES CAMERAS MONTEES SUR LA TETE
[72] MOSER, LUCIO DORNELES, CA
[72] MCLEAN, DAVID ALLEN, US
[72] SERRA, JOSE MARIO FIGUEIREDO, CA
[71] DIGITAL DOMAIN VIRTUAL HUMAN (US), INC., US
[85] 2024-01-19
[86] 2022-07-27 (PCT/CA2022/051157)
[87] (WO2023/010204)
[30] US (63/228,134) 2021-08-01

[21] 3,226,475
[13] A1

[51] Int.Cl. E21B 43/38 (2006.01)
[25] EN
[54] ELECTRIC SUBMERSIBLE PUMP WITH IMPROVED GAS SEPARATOR PERFORMANCE IN HIGH VISCOSITY APPLICATIONS
[54] POMPE SUBMERSIBLE ELECTRIQUE A PERFORMANCE AMELIOREE DE SEPARATEUR DE GAZ DANS DES APPLICATIONS A VISCOSITE ELEVEE
[72] BROWN, DONN J., US
[72] SHETH, KETANKUMAR KANTILAL, US
[72] NEWPORT, CASEY LAINE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2024-01-19
[86] 2021-10-05 (PCT/US2021/053612)
[87] (WO2023/055394)
[30] US (17/491,952) 2021-10-01

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[25] EN
[54] METHOD FOR THE ADDITIVE MANUFACTURING OF CASTING MOLDS
[54] PROCEDE DE FABRICATION ADDITIVE DE MOULES DE COULEE
[72] STUDART, ANDRE R., CH
[72] MASANIA, KUNAL, NL
[72] KLEGER, NICOLE, CH
[72] FEHLMANN, SIMONA, CH
[72] CIHOVA, MARTINA, GB
[71] ETH ZURICH, CH
[71] TECHNISCHE UNIVERSITEIT DELFT, NL
[85] 2024-01-19
[86] 2022-04-28 (PCT/EP2022/061334)
[87] (WO2023/001418)
[30] EP (21186780.9) 2021-07-20

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[13] A1

[51] Int.Cl. A41D 13/11 (2006.01)
[25] FR
[54] MASK AND METHOD FOR PRODUCING MASKS
[54] MASQUE ET PROCEDE DE FABRICATION DE MASQUES
[72] BILLIARD, MATTHIEU, FR
[72] BILLIARD, JEAN-PIERRE, FR
[72] MENORET, DENIS, FR
[72] CHEVALIER, HUBERT, FR
[72] JUNG, FREDERIC, FR
[71] APPCELL, FR
[85] 2024-01-19
[86] 2022-07-07 (PCT/EP2022/069007)
[87] (WO2023/001582)
[30] FR (FR2107970) 2021-07-22

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[51] Int.Cl. C09D 5/18 (2006.01) C09D 5/20 (2006.01) C09K 21/02 (2006.01) C09K 21/04 (2006.01)
[25] EN
[54] FLUORINE FREE SURFACTANTS AND FOAM COMPOSITIONS
[54] TENSIOACTIFS EXEMPTS DE FLUOR ET COMPOSITIONS DE MOUSSE
[72] KASOWSKI, ROBERT VALENTINE, US
[72] SEMINARA, HAHNAH KASOWSKI, US
[71] KASOWSKI, ROBERT VALENTINE, US
[71] SEMINARA, HAHNAH KASOWSKI, US
[85] 2024-01-19
[86] 2022-07-27 (PCT/US2022/038592)
[87] (WO2023/009675)
[30] US (63/226,717) 2021-07-28
[30] US (63/331,795) 2022-04-16
[30] US (63/277,466) 2021-11-09
[30] US (63/305,650) 2022-02-01

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[51] Int.Cl. B60R 11/00 (2006.01) B60R 11/02 (2006.01) F16B 1/00 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR AN IMPROVED AND COMPATIBLE MAGNETIC MOUNT
[54] SYSTEMES ET PROCEDES POUR UN SUPPORT MAGNETIQUE AMELIORE ET COMPATIBLE
[72] ORMSBEE, BOWDEN, US
[71] NITE IZE, INC., US
[85] 2024-01-19
[86] 2022-06-03 (PCT/US2022/072741)
[87] (WO2022/261609)
[30] US (17/345,512) 2021-06-11

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[51] Int.Cl. H04B 10/85 (2013.01) B82B 1/00 (2006.01) H04L 9/08 (2006.01)
[25] EN
[54] INTERCEPTION-PROOF SINGLE-PHOTON DETECTOR DEVICE FOR DETECTING AN OPTICAL SIGNAL
[54] DISPOSITIF DE DETECTION DE PHOTONS INDIVIDUELS A L'EPREUVE DES ECOUTES POUR DETECTER UN SIGNAL OPTIQUE
[72] BEUTEL, FABIAN, DE
[72] PERNICE, WOLFRAM, DE
[72] WALTER, NICOLAI, DE
[71] PIXEL PHOTONICS GMBH, DE
[85] 2024-01-19
[86] 2022-07-28 (PCT/EP2022/071279)
[87] (WO2023/012040)
[30] DE (10 2021 119 983.2) 2021-08-02

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[51] Int.Cl. H01B 7/42 (2006.01)
[25] EN
[54] CABLE HAVING COOLING FUNCTION, CURRENT TRANSMISSION DEVICE, AND ELECTRIC VEHICLE
[54] CABLE AYANT UNE FONCTION DE REFROIDISSEMENT, DISPOSITIF DE TRANSMISSION DE COURANT ET VEHICULE ELECTRIQUE
[72] WANG, CHAO, CN
[71] CHANGCHUN JETTY AUTOMOTIVE TECHNOLOGY CO., LTD., CN
[85] 2024-01-19
[86] 2022-07-18 (PCT/CN2022/106259)
[87] (WO2023/001104)
[30] CN (202110821578.3) 2021-07-20
[30] CN (202121653535.0) 2021-07-20

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[13] A1

[51] Int.Cl. C12Q 1/686 (2018.01)
[25] EN
[54] OPTICAL SYSTEMS FOR NUCLEIC ACID SEQUENCING AND METHODS THEREOF
[54] SYSTEMES OPTIQUES POUR LE SEQUENCAGE D'ACIDE NUCLEIQUE ET PROCEDES ASSOCIES
[72] PREVITE, MICHAEL, US
[72] GHORBANI, ARASH, US
[72] HUDYMA, RUSSEL, US
[72] BAILEY, JOHN, US
[71] ELEMENT BIOSCIENCES, INC., US
[71] GHORBANI, ARASH, US
[71] HUDYMA, RUSSEL, US
[71] BAILEY, JOHN, US
[85] 2024-01-19
[86] 2022-07-21 (PCT/US2022/037831)
[87] (WO2023/004014)
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[30] US (63/334,609) 2022-04-25
[30] US (63/334,613) 2022-04-25

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[51] Int.Cl. A61B 34/10 (2016.01) G16H 30/40 (2018.01)
[25] EN
[54] SYSTEMS FOR PREDICTING INTRAOPERATIVE PATIENT MOBILITY AND IDENTIFYING MOBILITY-RELATED SURGICAL STEPS
[54] SYSTEMES POUR PREDIRE LA MOBILITE PEROPERATOIRE D'UN PATIENT ET IDENTIFIER DES ETAPES CHIRURGICALES ASSOCIEES A LA MOBILITE
[72] CASEY, NIALL PATRICK, US
[72] ESTERBERG, JUSTIN, US
[71] CARLSMED, INC., US
[85] 2024-01-19
[86] 2022-07-19 (PCT/US2022/037640)
[87] (WO2023/003912)
[30] US (63/223,827) 2021-07-20

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[51] Int.Cl. A61M 5/14 (2006.01) A61M 5/162 (2006.01) A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 39/08 (2006.01)
[25] EN
[54] APPARATUS FOR LARGE VOLUME MEDICATION ADMINISTRATION
[54] APPAREIL POUR ADMINISTRATION DE MEDICAMENT A GRAND VOLUME
[72] COYNE III, MARTIN MICHAEL, US
[72] FRANZESE, CHRISTOPHER JAMES, US
[72] LARSON-WAKEMAN, MOLLY CHRISTINE, US
[71] SHL MEDICAL AG, CH
[85] 2024-01-10
[86] 2022-07-28 (PCT/EP2022/071259)
[87] (WO2023/006906)
[30] US (63/226,494) 2021-07-28
[30] US (63/226,498) 2021-07-28
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[25] EN
[54] ANTIPATHOGENIC NANOSTRUCTURES
[54] NANOSTRUCTURES ANTI-PATHOGENES
[72] MONTEIRO, MICHAEL J., AU
[72] BOBRIN, VALENTIN A., AU
[71] THE BOEING COMPANY, US
[85] 2024-01-10
[86] 2022-08-03 (PCT/US2022/074472)
[87] (WO2023/015208)
[30] US (63/228,963) 2021-08-03
[30] US (63/299,723) 2022-01-14
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- [25] EN
- [54] ELECTRODE FOR THE ELECTROLYTIC EVOLUTION OF HYDROGEN
- [54] ELECTRODE POUR L'EVOLUTION ELECTROLYTIQUE DE L'HYDROGÈNE
- [72] CALDERARA, ALICE, IT
- [72] MORA, STEFANIA, IT
- [71] INDUSTRIE DE NORA S.P.A., IT
- [85] 2024-01-10
- [86] 2022-08-01 (PCT/EP2022/071591)
- [87] (WO2023/012124)
- [30] IT (IT102021000020735) 2021-08-02

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- [51] Int.Cl. A47J 31/40 (2006.01)
- [25] EN
- [54] BEVERAGE PREPARATION SYSTEM
- [54] SYSTEME DE PREPARATION DE BOISSONS
- [72] BEAUSIRE, CEDRIC, CH
- [72] VUAGNIAUX, DIDIER, CH
- [71] SOCIETE DES PRODUITS NESTLE S.A., CH
- [85] 2024-01-22
- [86] 2022-07-29 (PCT/EP2022/071425)
- [87] (WO2023/006984)
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- [25] EN
- [54] ORAL CARE COMPOSITIONS WITH PHOSPHOPEPTIDES FOR USE AGAINST DENTAL HYPERSENSITIVITY AND/OR XEROSTOMIA
- [54] COMPOSITIONS DE SOIN BUCCAL CONTENANT DES PHOSPHOPEPTIDES DESTINEES A ETRE UTILISEES CONTRE L'HYPERSENSIBILITE DENTAIRE ET/OU LA XEROSTOMIE
- [72] WILLSON, RICHARD, GB
- [71] DENTHERAPY LTD, GB
- [85] 2024-01-10
- [86] 2022-07-11 (PCT/GB2022/051790)
- [87] (WO2023/285797)
- [30] GB (2110114.2) 2021-07-14

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- [51] Int.Cl. A01K 29/00 (2006.01)
- [25] EN
- [54] MONITORING SYSTEM FOR INDIVIDUAL GROWTH MONITORING OF LIVESTOCK ANIMALS
- [54] SYSTEME DE SURVEILLANCE DESTINE A LA SURVEILLANCE INDIVIDUELLE DE LA CROISSANCE D'ANIMAUX D'ELEVAGE
- [72] DEN UIJL, INGRID ELISABETH MARIA, NL
- [72] JUZLOVA, MARKETA, NL
- [72] SZOLAR, TIBOR, NL
- [71] LELY PATENT N.V., NL
- [85] 2024-01-10
- [86] 2022-07-11 (PCT/IB2022/056385)
- [87] (WO2023/285945)
- [30] NL (2028749) 2021-07-16

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- [25] EN
- [54] AUTOMATIC UNWINDER OF FLEXIBLE MATERIALS WOUND ON REELS AND PROCESS FOR FEEDING AN OPERATING MACHINE WITH SAID FLEXIBLE MATERIALS
- [54] DEROULEUR AUTOMATIQUE DE MATERIAUX FLEXIBLES ENROULES SUR DES BOBINES ET PROCEDE D'ALIMENTATION EN MATERIAUX FLEXIBLES D'UNE MACHINE FONCTIONNELLE
- [72] FRIGO, NICOLA, IT
- [71] YTD S.R.L., IT
- [71] FRIGO, NICOLA, IT
- [85] 2024-01-10
- [86] 2022-07-15 (PCT/IB2022/056532)
- [87] (WO2023/286022)
- [30] IT (102021000018821) 2021-07-15

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- [25] EN
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- [54] INSTALLATION DE GENERATION D'ONDE ET PROCEDE
- [72] CALITZ, PETER BENJAMIN, ZA
- [71] CALITZ, PETER BENJAMIN, ZA
- [85] 2024-01-22
- [86] 2022-07-21 (PCT/IB2022/056729)
- [87] (WO2023/002420)
- [30] ZA (2021/05213) 2021-07-23

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- [51] Int.Cl. H02G 3/06 (2006.01) H02G 3/08 (2006.01)
- [25] EN
- [54] ELECTRICAL CONDUIT JUNCTION BOXES
- [54] BOITIERS DE JONCTION DE CONDUITE ELECTRIQUE
- [72] HINLEY, SIMON, GB
- [71] NIGLON LIMITED, GB
- [85] 2024-01-11
- [86] 2021-07-13 (PCT/EP2021/069540)
- [87] (WO2022/013262)
- [30] GB (2010771.0) 2020-07-13

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- [25] EN
- [54] CONTROL DEVICE FOR CO₂ RECOVERY DEVICE, CONTROL METHOD FOR CO₂ RECOVERY DEVICE, AND PROGRAM
- [54] DISPOSITIF ET PROCEDE DE COMMANDE POUR DISPOSITIF DE RECUPERATION DE CO₂, ET PROGRAMME
- [72] SUGIURA, TAKUYA, JP
- [72] TSUJIUCHI, TATSUYA, JP
- [72] IMADA, JUNJI, JP
- [72] SENBA, NORIAKI, JP
- [72] HIRATA, TAKUYA, JP
- [72] SHINDO, YOSHITAKA, JP
- [72] KATSUKI, MASATOSHI, JP
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- [54] SEPARATEUR DESTINE A UNE BATTERIE SECONDAIRE AU LITHIUM ET BATTERIE SECONDAIRE AU LITHIUM LE COMPRENANT
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- [72] KIM, KYUNG TAE, KR
- [72] PARK, SO JUNG, KR
- [72] BAE, KYEONG HUI, KR
- [72] BAE, WON SIK, KR
- [72] JEONG, SO MI, KR
- [71] LG ENERGY SOLUTION, LTD., KR
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- [71] STABICAN B.V., NL
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- [54] SYSTEME DE GESTION D'ALIMENTATION ELECTRIQUE POUR UN VEHICULE, PROCEDE DE FONCTIONNEMENT DU SYSTEME DE GESTION D'ALIMENTATION ET PRODUIT PROGRAMME D'ORDINATEUR POUR METTRE EN OEUVRE LE PROCEDE
- [72] NEMETH, HUBA, HU
- [72] JUNDT, OLIVER, DE
- [72] MULLER, JENS-HAUKE, DE
- [71] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE
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- [72] CHATAR, CRISPIN, US
- [72] VESSELINOV, VELIZAR, US
- [72] JEONG, CHEOLKYUN, US
- [72] YU, YINGWEI, US
- [72] KOUYIALIS, GEORGIA, US
- [72] MAHFOUDH, FATMA, GB
- [72] PETRYSHAK, OLEH, UA
- [72] AREVALO, YEZID, US
- [72] MAKARYCHEV-MIKHAIOV, SERGEY, GB
- [71] SCHLUMBERGER CANADA LIMITED, CA
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- [72] PARRELL, KEITH ADONNIS, US
- [72] PARRELL, JESSIE LEIGH, US
- [71] KP SOLUTIONS, INC., US
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[72] WIELAND, MARCO JAN-JACO, NL

[72] CAO, YU, US

[72] ZHANG, GUOHONG, US

[71] ASML NETHERLANDS B.V., NL

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[54] OUTIL DE MOULAGE, PROCEDE POUR LE FABRIQUER ET PROCEDE DE PRODUCTION D'UNE PARTIE COMPOSITE DANS LEDIT OUTIL

[72] FROGNER, KENNETH, SE

[72] KJELLSTRAND, RASMUS, SE

[72] SIESING, LEIF, SE

[71] COREBON AB, SE

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[54] SYSTEME, PROCEDE ET/OU SUPPORT LISIBLE PAR ORDINATEUR POUR CARTOGRAPHIER ET AFFICHER DES STRUCTURES ANATOMIQUES D'UNE MANIERE CONVIVIALE

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[72] SIRKIN, MARK, CA

[72] IRRGANG, CLAUDIO, CA

[72] MACANOVIC, ALVIRA, CA

[71] VENTRIPONT DIAGNOSTICS LTD., CA

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[72] DELMONICO, WILLIAM, US

[72] SCHMITT, JOSEPH, US

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[54] SYSTEME DE GENERATION DE GAZ PHOSPHINE

[72] SHROFF, RAJNIKANT, IN

[72] P ASHER, PUSHPAKSEN, IN

[71] UPL LIMITED, IN

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[72] FARINA, SALVO, US

[71] WALMART APOLLO, LLC, US

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[72] JORGENSEN, RICHARD, US
[72] SMITH, MICHAEL, US
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[71] HUGHES NETWORK SYSTEMS, LLC, US
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[72] CLEPPE, BENJAMIN MILES, US
[72] DEGROOD, MICHAEL JOHN, US
[72] ROBERTS, WILLIAM, US
[72] LATHAM, STEPHEN A., US
[72] GOBRECHT, ERIC WILLIAM HENRY, US
[72] KARASAWA, KENICHI, JP
[72] EDGE, ANDREW DAVIS, US
[71] SPECTRUM BRANDS, INC., US
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[72] HARTENSTINE, CURTIS M., US
[71] WONDERLAND SWITZERLAND AG, CH
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[54] DOUILLE-PALIER, AGENCEMENT DE DOUILLES-PALIERS ET PALIER POUR EOLIENNES
[72] SCHADDEL, MICHAEL, DE
[72] SPATZIG, WOLFGANG, DE
[71] EFFBE GMBH, DE
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[72] FRIDLEY, COLLEEN, US
[72] SAVAGE, STEVEN, US
[71] JANSEN BIOTECH, INC., US
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<p>[21] 3,226,537 [13] A1</p> <p>[51] Int.Cl. C07K 16/22 (2006.01) [25] EN [54] HUMANIZED ANTI-HUMAN .BETA.IG-H3 PROTEIN AND USES THEREOF [54] PROTEINE ANTI-.BETA.IG-H3 HUMAINE HUMANISEE ET SES UTILISATIONS [72] HENNINO, ANA, FR [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR [71] CENTRE LEON BERARD, FR [71] UNIVERSITE CLAUDE BERNARD LYON 1, FR [71] KIST (KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY), KR [85] 2024-01-22 [86] 2022-07-28 (PCT/EP2022/071275) [87] (WO2023/006919) [30] EP (21306058.5) 2021-07-29</p> <hr/> <p>[21] 3,226,538 [13] A1</p> <p>[51] Int.Cl. A24B 15/167 (2020.01) A24F 40/00 (2020.01) A24B 15/30 (2006.01) [25] EN [54] DELIVERY SYSTEM COMPRISING AN AEROSOL GENERATING DEVICE AND AN AEROSOLISABLE MATERIAL [54] SYSTEME DE DISTRIBUTION COMPRENANT UN DISPOSITIF DE GENERATION D'AEROSOL ET UN MATERIAU AEROSOLISABLE [72] STROPHAIR, ORIOL, GB [72] DAVIES, ASHLEY, GB [71] NICOVENTURES TRADING LIMITED, GB [85] 2024-01-22 [86] 2022-07-21 (PCT/GB2022/051891) [87] (WO2023/002191) [30] GB (2110543.2) 2021-07-22</p>	<p>[21] 3,226,540 [13] A1</p> <p>[51] Int.Cl. A61B 5/113 (2006.01) [25] EN [54] DEVICE AND METHOD USING RESPIRATORY INDUCTANCE PLETHYSMOGRAPHY [54] DISPOSITIF ET PROCEDE UTILISANT UNE PLETHYSMOGRAPHIE PAR INDUCTANCE RESPIRATOIRE [72] YAZIGI, RAJA, CH [72] KOLLER, PHILIPPE, CH [71] NETSENSING TECHNOLOGY SARL, CH [85] 2024-01-22 [86] 2022-07-22 (PCT/IB2022/056799) [87] (WO2023/007333) [30] EP (21188022.4) 2021-07-27</p> <hr/> <p>[21] 3,226,541 [13] A1</p> <p>[51] Int.Cl. C25B 1/04 (2021.01) C25B 9/19 (2021.01) C25B 9/73 (2021.01) C25B 9/77 (2021.01) [25] EN [54] ELECTROLYSER FRAME DESIGN [54] CONCEPTION DE CADRE D'ELECTROLYSEUR [72] NUZZO, DANIELE, IT [72] LIUZZO, MIRKO, DE [72] PEREGO, MICHELE, IT [71] INDUSTRIE DE NORA, S.P.A., IT [85] 2024-01-22 [86] 2022-08-04 (PCT/EP2022/071986) [87] (WO2023/012288) [30] EP (21189863.0) 2021-08-05</p> <hr/> <p>[21] 3,226,542 [13] A1</p> <p>[51] Int.Cl. A24F 40/30 (2020.01) A24F 40/60 (2020.01) [25] EN [54] AEROSOL GENERATION AND DELIVERY SYSTEM FOR CARBOXYLATED ACTIVES [54] SYSTEME DE GENERATION ET DE DISTRIBUTION D'AEROSOL POUR ACTIFS CARBOXYLES [72] STROPHAIR, ORIOL, GB [72] DAVIES, ASHLEY, GB [71] NICOVENTURES TRADING LIMITED, GB [85] 2024-01-22 [86] 2022-07-21 (PCT/GB2022/051892) [87] (WO2023/002192) [30] GB (2110546.5) 2021-07-22</p>	<p>[21] 3,226,543 [13] A1</p> <p>[51] Int.Cl. A01D 85/00 (2006.01) A01D 90/08 (2006.01) [25] EN [54] BALE BUNDLING SYSTEM, BALE BUNDLING MACHINE AND PROCEDURE FOR FORMING A PACKAGE OF BALES OF HAY OR SIMILAR MATERIAL [54] SYSTEME DE REGROUPEMENT DE BOTTES, MACHINE DE REGROUPEMENT DE BOTTES ET PROCEDE DE FORMATION D'UN PAQUET DE BOTTES DE FOIN OU DE MATERIAU SIMILAIRE [72] CUSINE BARBER, MANUEL, ES [71] ARCUSIN S.A., ES [85] 2024-01-22 [86] 2023-04-20 (PCT/EP2023/060300) [87] (WO2023/203140) [30] EP (22382367.5) 2022-04-20</p> <hr/> <p>[21] 3,226,544 [13] A1</p> <p>[51] Int.Cl. D01D 10/04 (2006.01) D01D 5/098 (2006.01) D01D 5/16 (2006.01) D01D 5/38 (2006.01) [25] EN [54] METHODS AND APPARATUSES FOR FORMING PATTERNED FIBER ARRAYS WITH AUTOMATED TRACKS [54] PROCEDES ET APPAREILS POUR FORMER DES RESEAUX DE FIBRES A MOTIFS AVEC DES PISTES AUTOMATISEES [72] JAO, DAVE, US [72] BEACHLEY, VINCE, US [71] ROWAN UNIVERSITY, US [85] 2024-01-22 [86] 2022-06-13 (PCT/US2022/033234) [87] (WO2022/265981) [30] US (63/212,392) 2021-06-18</p>
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<p>[21] 3,226,545 [13] A1</p> <p>[51] Int.Cl. A61F 2/24 (2006.01) [25] EN [54] A FIXATION DEVICE FOR IMPLANTATION [54] DISPOSITIF DE FIXATION POUR IMPLANTATION [72] O'CONNOR, EIMEAR, IE [72] MURPHY, BRUCE, IE [71] THE PROVOST, FELLOWS, FOUNDATION SCHOLARS, AND THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH, NEAR DUBLIN, IR [85] 2024-01-22 [86] 2022-07-13 (PCT/EP2022/069606) [87] (WO2023/001661) [30] EP (21187506.7) 2021-07-23</p>
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- [25] EN
- [54] AEROSOL GENERATION
- [54] GENERATION D'AEROSOL
- [72] ABI AOUN, WALID, GB
- [71] NICOVENTURES HOLDINGS LIMITED, GB
- [85] 2024-01-22
- [86] 2022-07-22 (PCT/EP2022/070635)
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- [30] GB (2110557.2) 2021-07-22

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- [51] Int.Cl. B65D 85/804 (2006.01)
- [25] EN
- [54] ALUMINIUM CAPSULE FOR THE PREPARATION OF A BEVERAGE WITH IMPROVED SEALING SYSTEM
- [54] CAPSULE EN ALUMINIUM POUR LA PREPARATION DE BOISSONS AVEC SYSTEME D'ETANCHEITE AMELIORE
- [72] MOSCHINI, MASSIMO, IT
- [71] LAMINAZIONE SOTTILE S.P.A., IT
- [85] 2024-01-22
- [86] 2022-07-19 (PCT/IB2022/056629)
- [87] (WO2023/021342)
- [30] IT (102021000022040) 2021-08-18

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- [25] EN
- [54] MULTI-DIRECTION DEPLOYABLE ANTENNA
- [54] ANTENNE DEPLOYABLE MULTI-DIRECTION
- [72] RING, TIMOTHY JOHN, US
- [72] TOWER, SUSAN CHRISTINE, US
- [71] M.M.A. DESIGN, LLC, US
- [85] 2024-01-22
- [86] 2022-08-03 (PCT/US2022/039288)
- [87] (WO2023/014800)
- [30] US (63/229,412) 2021-08-04

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- [51] Int.Cl. A24B 15/16 (2020.01) A24D 1/20 (2020.01) A24B 15/30 (2006.01)
- [25] EN
- [54] AEROSOL GENERATION
- [54] GENERATION D'AEROSOL
- [72] VILJOEN, ASHLEY, GB
- [71] NICOVENTURES TRADING LIMITED, GB
- [85] 2024-01-22
- [86] 2022-07-22 (PCT/EP2022/070643)
- [87] (WO2023/002023)
- [30] GB (2110558.0) 2021-07-22

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- [51] Int.Cl. A61K 31/404 (2006.01) A61K 31/4178 (2006.01) A61P 35/02 (2006.01)
- [25] EN
- [54] 14-3-3 PROTEIN MODULATORS AS ANTITUMOR AGENTS
- [54] MODULATEURS DE LA PROTEINE 14-3-3 A TITRE D'AGENTS ANTITUMORAUX
- [72] RAPPOSELLI, SIMONA, IT
- [72] GAUDIO, EUGENIO, CH
- [72] DAL PIAZ, FABRIZIO, IT
- [71] RAPPOSELLI, SIMONA, IT
- [71] GAUDIO, EUGENIO, CH
- [71] DAL PIAZ, FABRIZIO, IT
- [85] 2024-01-22
- [86] 2022-07-21 (PCT/EP2022/070443)
- [87] (WO2023/001942)
- [30] IT (102021000019526) 2021-07-22

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- [51] Int.Cl. C01C 1/04 (2006.01) C01B 21/38 (2006.01) C01B 21/40 (2006.01) C01C 1/18 (2006.01) C25B 1/04 (2021.01)
- [25] EN
- [54] INTEGRATED PROCESS FOR THE SYNTHESIS OF AMMONIA AND NITRIC ACID
- [54] PROCEDE INTEGRE POUR LA SYNTHESE D'AMMONIAC ET D'ACIDE NITRIQUE
- [72] MASANTI, MATTEO, IT
- [72] CORBETTA, MICHELE, IT
- [72] OSTUNI, RAFFAELE, CH
- [72] BIAŁKOWSKI, MICHAL TADEUSZ, CH
- [72] OLDANI, FABIO, IT
- [71] CASALE SA, CH
- [85] 2024-01-22
- [86] 2022-06-09 (PCT/EP2022/065763)
- [87] (WO2023/006291)
- [30] EP (21188921.7) 2021-07-30

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- [51] Int.Cl. A61K 9/00 (2006.01)
- [25] EN
- [54] COMPOSITIONS, METHODS AND SYSTEMS FOR AEROSOL DRUG DELIVERY
- [54] COMPOSITIONS, PROCEDES ET SYSTEMES POUR L'ADMINISTRATION D'UN MEDICAMENT EN AEROSOL
- [72] JOSHI, VIDYA, US
- [72] ARCHBELL, JAMES, US
- [72] LACHACZ, KELLISA, US
- [72] LAMPA, CHARINA, US
- [72] MELLO, LAUREN, US
- [72] GUTIERREZ, GERTRUDE, US
- [72] LECHUGA-BALLESTEROS, DAVID, US
- [72] TAN, PENNY, US
- [72] RIEBE, MICHAEL, US
- [71] ASTRAZENICA PHARMACEUTICALS LP, US
- [85] 2024-01-04
- [86] 2022-07-08 (PCT/US2022/036543)
- [87] (WO2023/283439)
- [30] US (63/220,362) 2021-07-09
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<p>[21] 3,226,558 [13] A1</p> <p>[51] Int.Cl. A24B 15/16 (2020.01) A24D 1/20 (2020.01) A24B 15/30 (2006.01)</p> <p>[25] EN</p> <p>[54] AEROSOL GENERATION</p> <p>[54] GENERATION D'AEROSOL</p> <p>[72] VILJOEN, ASHLEY, GB</p> <p>[71] NICOVENTURES TRADING LIMITED, GB</p> <p>[85] 2024-01-22</p> <p>[86] 2022-07-22 (PCT/EP2022/070641)</p> <p>[87] (WO2023/002022)</p> <p>[30] GB (2110560.6) 2021-07-22</p>
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<p>[21] 3,226,562 [13] A1</p> <p>[51] Int.Cl. B01D 63/02 (2006.01)</p> <p>[25] EN</p> <p>[54] FUEL CELL HUMIDIFICATON POTTING ADHESIVE SHROUD</p> <p>[54] ENVELOPPE ADHESIVE D'ENROBAGE D'HUMIDIFICATION DE PILE A COMBUSTIBLE</p> <p>[72] DURYEA, DAVID, US</p> <p>[71] PARKER-HANNIFIN CORPORATION, US</p> <p>[85] 2024-01-11</p> <p>[86] 2022-08-23 (PCT/US2022/041179)</p> <p>[87] (WO2023/028037)</p> <p>[30] US (63/235,877) 2021-08-23</p>
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- [25] EN
- [54] AQUEOUS FORMULATIONS OF TOFACITINIB AND TOFACITINIB SALTS
- [54] FORMULATIONS AQUEUSES DE TOFACITINIB ET DE SELS DE TOFACITINIB
- [72] VONGASAVARIT, THOTSAPHON, US
- [72] PERERA, ARUNA, US
- [72] HOWE, KEVIN DAVID (DECEASED), US
- [71] BIORA THERAPEUTICS, INC., US
- [85] 2024-01-11
- [86] 2022-09-09 (PCT/US2022/043136)
- [87] (WO2023/039213)
- [30] US (63/242,436) 2021-09-09

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- [51] Int.Cl. A24F 40/53 (2020.01)
- [25] EN
- [54] INTERACTIVE AEROSOL PROVISION SYSTEM
- [54] SYSTEME DE FOURNITURE D'AEROSOL INTERACTIF
- [72] MOLONEY, PATRICK, GB
- [71] NICOVENTURES TRADING LIMITED, GB
- [85] 2024-01-22
- [86] 2022-07-13 (PCT/EP2022/069532)
- [87] (WO2023/006416)
- [30] GB (2110908.7) 2021-07-29

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- [25] EN
- [54] POOL ASSEMBLY AND POOL
- [54] ENSEMBLE PISCINE ET PISCINE
- [72] LEUNG, ALAN, CN
- [71] BELGRAVIA WOOD LIMITED,
- [85] 2024-01-22
- [86] 2022-07-22 (PCT/IB2022/056813)
- [87] (WO2023/002455)
- [30] US (17/443,237) 2021-07-22

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- [25] EN
- [54] PROCESS FOR RECYCLING LITHIUM ION BATTERY MATERIALS
- [54] PROCEDE DE RECYCLAGE DE MATERIAUX DE BATTERIE AU LITHIUM-ION
- [72] ROHDE, WOLFGANG, DE
- [72] VON DEAK, DIETER G, US
- [72] GERKE, BIRGIT, DE
- [71] BASF SE, DE
- [85] 2024-01-22
- [86] 2022-07-22 (PCT/EP2022/070700)
- [87] (WO2023/002048)
- [30] EP (21187550.5) 2021-07-23

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- [51] Int.Cl. A61M 39/12 (2006.01) A61M 39/10 (2006.01)
- [25] EN
- [54] COUPLING DEVICE FOR MEDICAL TUBING
- [54] DISPOSITIF DE COUPLAGE POUR TUBULURE MEDICALE
- [72] FEITH, RAYMOND P., US
- [72] WINE, JASON ANDREW, US
- [71] CAREFUSION 303, INC., US
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- [30] US (63/235,120) 2021-08-19

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- [54] BIOCONJUGUES D'ALPHA-FETOPROTEINE POUR LE TRAITEMENT DE MALADIES
- [72] SHERMAN, IGOR, CA
- [72] FRIGERIO, MARK, GB
- [72] GODWIN, ANTHONY, GB
- [72] ZHOU, JIEYU, US
- [71] ALPHA CANCER TECHNOLOGIES INC., CA
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- [54] COMPOSITE METALLIQUE POUR CONTRASTE ULTRASONORE ET SON UTILISATION
- [72] CHEN, JIA-LONG, CN
- [72] LIAO, WEI-CHUAN, CN
- [72] SUN, TZU-HUI, CN
- [72] CHEN, CHIA-HUNG, CN
- [72] WANG, CHAU-HUI, CN
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- [71] ORIGINAL BIOMEDICALS CO.,LTD., TW
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- [54] SAC DE TRANSPORT POUR ASSURER LE TRANSPORT D'ECHANTILLONS LIQUIDES ET SON PROCEDE DE FABRICATION
- [72] ROSE, THOMAS, DE
- [72] TROBER, OLIVER, DE
- [71] ANTON DEBATIN GMBH WERK FUR WERBENDE VERPACKUNG, DE
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- [54] EXTRACTION DE LIQUIDE A PARTIR D'UN RECIPIENT DE STOCKAGE DE LIQUIDE PERCABLE
- [72] LILLIS, BARRY, GB
- [72] MALINSON, JASPER, GB
- [72] PATEL, JIMISHKUMAR, GB
- [72] WHITING, MYLES, GB
- [72] PUNIM, AMANDA, GB
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- [71] OSLER DIAGNOSTICS LIMITED, GB
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- [54] AUTOMATED SCORE AWARDING SYSTEM FOR COMBAT SPORTS
- [54] SYSTEME POUR L'ATTRIBUTION AUTOMATISEE DE SCORES DANS LES ARTS MARTIAUX
- [72] HOLBLING, DOMINIK, AT
- [72] LICHTMANNEGGER, CHRISTOPH, AT
- [72] BREITENEDER, ROLAND, AT
- [71] RESEARCH INDUSTRIAL SYSTEMS ENGINEERING (RISE) FORSCHUNGS-, ENTWICKLUNGS- UND GROSSPROJEKTBERATUNG GMBH, AT
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- [25] EN
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- [54] APPLICATEUR ET PROCEDE POUR DETACHER DES POILS ARTIFICIELS D'UNE EXTENSION DE CILS ARTIFICIELS ET FIXER LES POILS ARTIFICIELS DETACHES A DES CILS NATURELS
- [72] LOTTI, SAHARA, US
- [71] LASHIFY, INC., US
- [85] 2024-01-22
- [86] 2022-08-01 (PCT/US2022/039083)
- [87] (WO2023/014668)
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- [72] AXELROD, GLEN S., US
- [72] GAJRIA, AJAY, US
- [72] FETTER, MARY LOUISE, US
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- [54] CAPTEUR PORTABLE ET NON INTRUSIF A MICRO-AIGUILLES
- [72] TEHRANI, FARSHAD, US
- [72] TEYMOURIAN, HAZHIR, US
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- [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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- [54] UTILISATION D'ACIDE PERCITRIQUE DANS DES OPERATIONS EN CHAMP PETROLIFERE ET GAZIER
- [72] FORSTER, TARYN, CA
- [72] RAUSER, DAVID, CA
- [72] BRUCE, DOUGLAS, CA
- [71] 1579689 ALBERTA LTD. (DBA SAURUS SOLUTIONS), CA
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- [54] PORPHYRIN NANOVESICLE WITH FATTY ACID CONJUGATE
- [54] NANOVESICULE DE PORPHYRINE AVEC CONJUGUE D'ACIDE GRAS
- [72] ZHENG, GANG, CA
- [72] CHEN, JUAN, CA
- [72] HO, TIFFANY, CA
- [72] BU, JIACHUAN, CA
- [72] DING, LILI, CA
- [71] UNIVERSITY HEALTH NETWORK, CA
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- [25] EN
- [54] SYSTEM AND METHOD FOR 3D PRINTING A NON-PLANAR SURFACE
- [54] SYSTEME ET PROCEDE D'IMPRESSION 3D D'UNE SURFACE NON PLANE
- [72] DOBOSZ, KERIANNE MERCELINE, US
- [72] EPSTEIN, ERIC SCOTT, US
- [72] WILKINSON, BRYAN WILLIAM, US
- [72] BUBAS, MICHAEL ANTHONY, US
- [72] KUTCHKO, CYNTHIA, US
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- [54] SYNCHRONIZATION RASTER DESIGN METHOD AND APPARATUS
- [54] PROCEDE ET APPAREIL DE CONCEPTION DE TRAME DE SYNCHRONISATION
- [72] QIAO, LIANG, CN
- [72] ZHANG, JIAYIN, CN
- [71] HUAWEI TECHNOLOGIES CO., LTD., CN
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- [25] EN
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- [54] APPAREILS ET PROCEDES DE REFLECTOMETRIE OPTIQUE A RETARD DE CODE (OCODR)
- [72] SEELEY, RYAN, US
- [72] REDD, RHETT H., US
- [71] SEQUENT LOGIC, LLC, US
- [85] 2024-01-22
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- [25] EN
- [54] VEHICLE DATA
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- [72] MONAHAN, FRANK, IE
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- [72] NAPIER, BARRY, IE
- [71] CUBIC TELECOM LIMITED, IE
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- [25] EN
- [54] SEARCH TOOL FOR LOCAL INFORMATION
- [54] OUTIL DE RECHERCHE POUR INFORMATIONS LOCALES
- [72] MEYER, GEORGE, US
- [72] KEELY, JOE, US
- [72] BURGARIN, JOHN, US
- [72] HUGHES, ROLAND, US
- [71] NEARME ENTERTAINMENT, INC., US
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- [25] EN
- [54] BIFUNCTIONAL COMPOUNDS FOR DEGRADING BTK WITH ENHANCED IMID ACTIVITY
- [54] COMPOSES BIFONCTIONNELS POUR LA DEGRADATION DE BTK AYANT UNE ACTIVITE D'IMID AMELIOREE
- [72] GUIDUCCI, CRISTIANA, US
- [72] NOVISKI, MARK, US
- [71] NURIX THERAPEUTICS, INC., US
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C04B 28/10 (2006.01) C04B 28/14
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- [25] EN
- [54] DRY GRINDING OF MINERAL MATERIALS, GROUND MINERAL MATERIALS, AND THEIR USE IN CONSTRUCTION MATERIALS
- [54] BROYAGE A SEC DE MATERIAUX MINERAUX, MATERIAUX MINERAUX BROYES ET LEUR UTILISATION DANS DES MATERIAUX DE CONSTRUCTION
- [72] HELLER, THOMAS, DE
- [72] MULLER, THOMAS, DE
- [72] UNSELD, JOHANNES, DE
- [71] SIKA TECHNOLOGY AG, CH
- [85] 2024-01-22
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- [87] (WO2023/036480)
- [30] EP (21195310.4) 2021-09-07

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- [25] EN
- [54] PURIFIED PROTEIN COMPOSITIONS AND METHODS OF PRODUCTION
- [54] COMPOSITIONS DE PROTEINES PURIFIEES ET LEURS PROCEDES DE PRODUCTION
- [72] KALE, ANIKET, US
- [72] PATNAIK, RANJAN, US
- [71] CLARA FOODS CO., US
- [85] 2024-01-22
- [86] 2022-07-22 (PCT/US2022/038074)
- [87] (WO2023/004153)
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F02C 9/56 (2006.01)
- [25] EN
- [54] TRANSFER OF POWER BETWEEN THE HIGH-PRESSURE SHAFT AND THE LOW-PRESSURE SHAFT OF A TURBOMACHINE
- [54] TRANSFERT DE PIUSSANCE ENTRE L'ARBRE HAUTE PRESSION ET L'ARBRE BASSE PRESSION D'UNE TURBOMACHINE
- [72] THIRIET, ROMAIN JEAN GILBERT, FR
- [72] LEMAY, DAVID BERNARD MARTIN, FR
- [72] MERCIER-CALVAIRAC, FABIEN, FR
- [71] SAFRAN HELICOPTER ENGINES, FR
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- [54] DISPOSITIF DE MANIPULATION DE LIQUIDE PERMETTANT DE DETERMINER LA PRESENCE OU L'ABSENCE D'UN VOLUME DE LIQUIDE
- [72] LILLIS, BARRY, GB
- [72] MALINSON, JASPER, GB
- [72] PATEL, JIMISHKUMAR, GB
- [72] WHITING, MYLES, GB
- [72] LUXTON, RICHARD, GB
- [72] YEOMAN, MARK, GB
- [71] OSLER DIAGNOSTICS LIMITED, GB
- [85] 2024-01-22
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<p>[21] 3,226,603 [13] A1</p> <p>[51] Int.Cl. G06Q 30/06 (2023.01) G06Q 30/02 (2023.01)</p> <p>[25] EN</p> <p>[54] INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD</p> <p>[54] DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET PROGRAMME DE TRAITEMENT D'INFORMATIONS</p> <p>[72] IETA, TSUYOSHI, JP</p> <p>[72] MINEMURA, SHUNSUKE, JP</p> <p>[71] ZOZO, INC., JP</p> <p>[85] 2024-01-22</p> <p>[86] 2022-07-15 (PCT/JP2022/027899)</p> <p>[87] (WO2023/008238)</p> <p>[30] JP (2021-124741) 2021-07-29</p>
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<p>[21] 3,226,606 [13] A1</p> <p>[51] Int.Cl. A24B 15/167 (2020.01) A61K 31/05 (2006.01)</p> <p>[25] EN</p> <p>[54] NANOEMULSION COMPRISING CANNABINOID AND/OR CANNABIMIMETIC</p> <p>[54] NANOEMULSION COMPRENNANT UN CANNABINOIDE ET/OU UN CANNABIMIMETIQUE</p> <p>[72] POOLE, THOMAS H., US</p> <p>[72] XU, KEYI, GB</p> <p>[71] NICVENTURES TRADING LIMITED, GB</p> <p>[85] 2024-01-22</p> <p>[86] 2022-07-21 (PCT/IB2022/056769)</p> <p>[87] (WO2023/002439)</p> <p>[30] US (63/224,750) 2021-07-22</p>
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<p>[21] 3,226,607 [13] A1</p> <p>[51] Int.Cl. A61K 47/54 (2017.01) A61P 25/08 (2006.01) A61P 25/18 (2006.01) C07F 9/09 (2006.01) C07F 9/117 (2006.01) C07F 9/572 (2006.01) C07F 9/6574 (2006.01)</p> <p>[25] EN</p> <p>[54] PHOSPHATE PRODRUGS OF CANNABINOID</p> <p>[54] PROMEDICAMENTS CANNABINOIDES A BASE DE PHOSPHATE</p> <p>[72] HODSON, LUKE E., US</p> <p>[72] PRIBUT, NICOLE, US</p> <p>[72] TRAYNELIS, STEPHEN F., US</p> <p>[72] LIOTTA, DENNIS C., US</p> <p>[71] EMORY UNIVERSITY, US</p> <p>[85] 2024-01-22</p> <p>[86] 2022-07-29 (PCT/US2022/038876)</p> <p>[87] (WO2023/009817)</p> <p>[30] US (63/227,296) 2021-07-29</p>
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<p>[21] 3,226,608 [13] A1</p> <p>[51] Int.Cl. C10G 67/04 (2006.01) C10G 47/06 (2006.01)</p> <p>[25] EN</p> <p>[54] EFFICIENT HYDROPROCESSING AND SOLVENT DEASPHALTING OF HEAVY OIL WITH SEQUENTIAL ADDITION OF DISPERSED CATALYST</p> <p>[54] HYDROTRAITEMENT ET DESASPHALTAGE AU SOLVANT EFFICACE D'HUILE LOURDE AVEC AJOUT SEQUENTIEL DE CATALYSEUR DISPERSE</p> <p>[72] MOUNTAINLAND, DAVID, US</p> <p>[72] SILVERMAN, BRETT, US</p> <p>[71] HYDROCARBON TECHNOLOGY & INNOVATION, LLC, US</p> <p>[85] 2024-01-22</p> <p>[86] 2022-07-20 (PCT/US2022/037671)</p> <p>[87] (WO2023/022833)</p> <p>[30] US (63/233,882) 2021-08-17</p> <p>[30] US (17/864,200) 2022-07-13</p>

<p>[21] 3,226,611 [13] A1</p> <p>[51] Int.Cl. C10L 9/10 (2006.01) C10L 5/44 (2006.01) C10L 5/46 (2006.01)</p> <p>[25] EN</p> <p>[54] FUEL COMPOSITION FOR COMBUSTION</p> <p>[54] COMPOSITION DE CARBURANT POUR COMBUSTION</p> <p>[72] MAKGERU, KABU WALTER, ZA</p> <p>[71] THE TRUSTEES FOR THE TIME BEING OF THE KMN FULFILMENT TRUST, ZA</p> <p>[85] 2024-01-22</p> <p>[86] 2022-07-20 (PCT/IB2022/056686)</p> <p>[87] (WO2023/007315)</p> <p>[30] ZA (2021/05246) 2021-07-26</p> <p>[30] ZA (2021/05855) 2021-08-17</p>

<p>[21] 3,226,612 [13] A1</p> <p>[51] Int.Cl. B06B 1/06 (2006.01)</p> <p>[25] EN</p> <p>[54] ACTIVE PIEZOELECTRIC SHEET WITH PIEZOELECTRIC MICROSTRUCTURES</p> <p>[54] FEUILLE PIEZOELECTRIQUE ACTIVE A MICROSTRUCTURES PIEZOELECTRIQUES</p> <p>[72] HAN, JINCHI, US</p> <p>[72] LANG, JEFFREY H., US</p> <p>[72] BULOVIC, VLADIMIR, US</p> <p>[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US</p> <p>[85] 2024-01-22</p> <p>[86] 2022-07-01 (PCT/US2022/035909)</p> <p>[87] (WO2023/022801)</p> <p>[30] US (63/235,399) 2021-08-20</p> <p>[30] US (17/508,133) 2021-10-22</p>
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<p>[21] 3,226,613 [13] A1</p> <p>[51] Int.Cl. A61F 5/451 (2006.01) A61G 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PORTABLE URINAL</p> <p>[54] URINOIR PORTATIF</p> <p>[72] ULENE, VALERIE, US</p> <p>[72] POMPAN, BYRDIE, US</p> <p>[71] MYLOOCO, US</p> <p>[85] 2024-01-22</p> <p>[86] 2022-07-29 (PCT/US2022/038786)</p> <p>[87] (WO2023/009779)</p> <p>[30] US (63/227,270) 2021-07-29</p>
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<p style="text-align: center;">[21] 3,226,614 [13] A1</p> <p>[51] Int.Cl. C07D 401/14 (2006.01) [25] EN [54] SALTS AND SOLID STATE FORMS OF A KIF18A INHIBITOR COMPOUND [54] SELS ET FORMES A L'ETAT SOLIDE D'UN COMPOSE INHIBITEUR DE KIF18A [72] WU, TIAN, US [72] AGARWAL, PRASHANT, US [72] ROTHELI, ANDREAS R., US [72] PARK, HYUNSOO, US [72] FROHN, MICHAEL J., US [71] AMAGEN, INC., US [85] 2024-01-22 [86] 2022-07-21 (PCT/US2022/037928) [87] (WO2023/004075) [30] US (63/224,208) 2021-07-21</p>	<p style="text-align: center;">[21] 3,226,619 [13] A1</p> <p>[51] Int.Cl. B60H 1/00 (2006.01) B60H 3/06 (2006.01) [25] EN [54] SYSTEM AND METHOD FOR MONITORING AND CONTROLLING AIR QUALITY IN AN ENCLOSED SPACE [54] SYSTEME ET PROCEDE DE SURVEILLANCE ET DE REGULATION DE LA QUALITE D'AIR DANS UN ESPACE CLOS [72] JOHNSTONE, NICHOLAS LIAM, AU [72] ZANGERL, ALEXANDER, AU [71] BREATHESAFE PTY LTD, AU [85] 2024-01-22 [86] 2022-08-05 (PCT/AU2022/050852) [87] (WO2023/010179) [30] AU (2021902424) 2021-08-05 [30] AU (2021221799) 2021-08-25</p>	<p style="text-align: center;">[21] 3,226,622 [13] A1</p> <p>[51] Int.Cl. A61B 3/113 (2006.01) [25] FR [54] VISION DEVICE FOR DETECTING EYE MOVEMENT [54] DISPOSITIF DE VISION POUR LA DETECTION DU MOUVEMENT DES YEUX [72] DAYE, PIERRE MARTIN JACK GERARD, BE [71] P³LAB, BE [85] 2024-01-22 [86] 2022-07-20 (PCT/EP2022/070419) [87] (WO2023/006557) [30] BE (BE2021/5575) 2021-07-26</p>
<p style="text-align: center;">[21] 3,226,615 [13] A1</p> <p>[51] Int.Cl. C07K 14/435 (2006.01) C07K 14/00 (2006.01) C07K 14/46 (2006.01) C07K 14/47 (2006.01) G01N 33/68 (2006.01) [25] EN [54] BLOOD-BASED DIAGNOSTIC ASSAYS FOR ALZHEIMER'S DISEASE [54] DOSAGES DIAGNOSTIQUES A BASE DE SANG POUR LA MALADIE D'ALZHEIMER [72] PIKE, IAN, US [72] BREMANG, MICHAEL, US [72] THORNTON, GEORGE, US [71] CASSAVA SCIENCES, INC., US [85] 2024-01-22 [86] 2022-07-22 (PCT/US2022/074081) [87] (WO2023/049541) [30] US (63/225,423) 2021-07-23</p>	<p style="text-align: center;">[21] 3,226,621 [13] A1</p> <p>[51] Int.Cl. H04L 1/00 (2006.01) [25] EN [54] RADIO FRAME SENDING METHOD AND APPARATUS, AND RADIO FRAME RECEIVING METHOD AND APPARATUS [54] PROCEDE ET APPAREIL D'ENVOI DE TRAME RADIOELECTRIQUE, ET PROCEDE ET APPAREIL DE RECEPTION DE TRAME RADIOELECTRIQUE [72] GUO, YUCHEN, CN [72] LI, YIQING, CN [72] HUANG, GUOGANG, CN [72] LI, YUNBO, CN [72] GAN, MING, CN [71] HUAWEI TECHNOLOGIES CO., LTD., CN [85] 2024-01-22 [86] 2022-06-29 (PCT/CN2022/102304) [87] (WO2023/000941) [30] CN (202110826539.2) 2021-07-21</p>	<p style="text-align: center;">[21] 3,226,623 [13] A1</p> <p>[51] Int.Cl. A61C 13/00 (2006.01) A61C 13/083 (2006.01) C03C 3/083 (2006.01) C03C 3/097 (2006.01) C03C 4/00 (2006.01) C03C 10/00 (2006.01) [25] EN [54] DENTAL BULK BLOCK AND METHOD FOR MANUFACTURING SAME [54] BLOC DE MASSE DENTAIRE ET SON PROCEDE DE FABRICATION [72] LIM, HYUNG BONG, KR [72] KIM, YONG SU, KR [71] HASS CO., LTD., KR [85] 2024-01-22 [86] 2021-10-26 (PCT/KR2021/015112) [87] (WO2023/008650) [30] KR (10-2021-0098063) 2021-07-26</p>

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[21] 3,226,624

[13] A1

- [51] Int.Cl. A61B 5/00 (2006.01) G16H 50/20 (2018.01) G16H 50/30 (2018.01)
 - [25] EN
 - [54] TRANSLATING AI ALGORITHMS FROM 12-LEAD CLINICAL ECGS TO PORTABLE AND CONSUMER ECGS WITH FEWER LEADS
 - [54] TRADUCTION DES ALGORITHMES D'IA DES ECG CLINIQUES A 12 DERIVATIONS EN ECG PORTABLES ET GRAND PUBLIC AVEC MOINS DE DERIVATIONS
 - [72] NEMANI, ARUN, US
 - [72] SUNG-YUL LEE, GREG, US
 - [72] JOHNSON, KIPP, US
 - [72] ZIMMERMAN, NOAH, US
 - [72] BADGELEY, MARCUS, US
 - [72] DUDLEY, JOEL, US
 - [72] THOMPSON, WILL, US
 - [71] TEMPUS AI, INC., US
 - [85] 2024-01-22
 - [86] 2022-07-21 (PCT/US2022/074031)
 - [87] (WO2023/004403)
 - [30] US (63/224,841) 2021-07-22
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- [51] Int.Cl. C08G 18/32 (2006.01) C08G 18/36 (2006.01) C08G 18/44 (2006.01) C08G 18/76 (2006.01)
- [25] EN
- [54] REVERSIBLE POLYOL AND PRODUCTS CONTAINING THE SAME
- [54] POLYOL REVERSIBLE ET PRODUITS CONTENANT CELUI-CI
- [72] VOGEL, WOUTER, NL
- [72] SMITS, ANGELA LEONARDA MARIA, NL
- [71] EQUUS UK TOPCO LIMITED, GB
- [85] 2024-01-22
- [86] 2022-07-22 (PCT/IB2022/056797)
- [87] (WO2023/002449)
- [30] GB (2110601.8) 2021-07-23

[21] 3,226,626

[13] A1

- [51] Int.Cl. C07D 413/14 (2006.01) A61P 1/16 (2006.01) A61P 31/20 (2006.01) C07D 413/04 (2006.01) C07D 417/14 (2006.01)
 - [25] EN
 - [54] CRYSTAL FORM OF COMPOUND REPRESENTED BY FORMULA I, AND PREPARATION THEREFOR AND APPLICATION THEREOF
 - [54] FORME CRISTALLINE DU COMPOSE REPRESENTE PAR LA FORMULE I, SA PREPARATION ET SON APPLICATION
 - [72] LIU, GANG, CN
 - [72] LIANG, BO, CN
 - [72] JIANG, ZHAOJIAN, CN
 - [72] CHEN, HUANMING, CN
 - [71] SHANGHAI ZHIMENG BIOPHARMA, INC., CN
 - [85] 2024-01-22
 - [86] 2022-07-22 (PCT/CN2022/107465)
 - [87] (WO2023/001299)
 - [30] CN (202110839532.4) 2021-07-23
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[13] A1

- [51] Int.Cl. A01N 63/20 (2020.01) A01N 63/22 (2020.01) A01N 63/28 (2020.01) C05F 17/20 (2020.01) C05F 3/00 (2006.01) C05F 11/08 (2006.01)
- [25] EN
- [54] BIONUTRITIONAL COMPOSITIONS FOR PLANTS AND SOILS
- [54] COMPOSITIONS BIONUTRITIONNELLES POUR PLANTES ET SOLS
- [72] BHALLA, SUSHIL K., US
- [72] HOOPER, DEVON K., US
- [72] NOFZIGER-DASGUPTA, SONIA RAE, US
- [71] ENVIROKURE, INCORPORATED, US
- [85] 2024-01-22
- [86] 2022-07-27 (PCT/US2022/038541)
- [87] (WO2023/009636)
- [30] US (63/226,631) 2021-07-28

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[13] A1

- [51] Int.Cl. G06Q 30/06 (2023.01)
 - [25] EN
 - [54] INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD
 - [54]
 - [72] IETA, TSUYOSHI, JP
 - [72] MINEMURA, SHUNSUKE, JP
 - [71] ZOZO, INC., JP
 - [85] 2024-01-22
 - [86] 2022-07-15 (PCT/JP2022/027898)
 - [87] (WO2023/008237)
 - [30] JP (2021-124740) 2021-07-29
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[13] A1

- [51] Int.Cl. E21B 4/02 (2006.01) F04C 2/107 (2006.01)
 - [25] EN
 - [54] DOWNHOLE MOTOR OR PUMP WITH STATOR MANUFACTURED WITH COLD SPRAY
 - [54] MOTEUR OU POMPE DE FOND DE TROU AVEC STATOR FABRIQUE AVEC PULVERISATION A FROID
 - [72] LEUNG, PHILIP PARK HUNG, US
 - [72] PANDA, KRUTIBAS, US
 - [71] HALLIBURTON ENERGY SERVICES, INC., US
 - [85] 2024-01-22
 - [86] 2022-10-17 (PCT/US2022/078201)
 - [87] (WO2023/102291)
 - [30] US (17/537,733) 2021-11-30
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[21] 3,226,631

[13] A1

- [51] Int.Cl. G02B 6/38 (2006.01)
- [25] EN
- [54] DUST CAP FOR FIBER OPTIC CONNECTORS
- [54] CAPUCHON ANTI-POUSSIÈRES POUR CONNECTEURS DE FIBRE OPTIQUE
- [72] WARD, PHIL, GB
- [72] DONCHEV, STEFAN, GB
- [72] PULIYANKULANGARA, SANDEEP, IN
- [72] CARAPELLA, PETER A., US
- [71] PPC BROADBAND, INC., US
- [85] 2024-01-22
- [86] 2022-07-25 (PCT/US2022/038212)
- [87] (WO2023/004194)
- [30] US (63/225,242) 2021-07-23

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[21] 3,226,632
[13] A1

[51] Int.Cl. C07D 413/14 (2006.01) C07D 413/04 (2006.01)
[25] EN
[54] PREPARATION METHOD FOR HEPATITIS B VIRUS NUCLEOCAPSID INHIBITOR
[54] PROCEDE DE PREPARATION D'UN INHIBITEUR DE LA NUCLEOCAPSIDE DU VIRUS DE L'HEPATITE B
[72] LIU, GANG, CN
[72] LIANG, BO, CN
[72] CHEN, HUANMING, CN
[72] JIANG, ZHAOJIAN, CN
[71] SHANGHAI ZHIMENG BIOPHARMA, INC., CN
[85] 2024-01-22
[86] 2022-07-22 (PCT/CN2022/107463)
[87] (WO2023/001298)
[30] CN (202110839582.2) 2021-07-23

[21] 3,226,634
[13] A1

[51] Int.Cl. H01H 85/045 (2006.01) H01H 69/02 (2006.01) H01H 85/153 (2006.01)
[25] EN
[54] POWER FUSE WITH ZINC-ALUMINUM ALLOY TERMINALS AND METHODS OF FABRICATION
[54] FUSIBLE DE PUISSANCE AVEC BORNES EN ALLIAGE ZINC-ALUMINIUM ET PROCEDES DE FABRICATION
[72] MONTES MEDINA, ARCHIBALDO, MX
[72] DOUGLASS, ROBERT, US
[72] STILL, FREDERICK E. JR., US
[72] LANGOWSKA, IWONA, PL
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2024-01-22
[86] 2021-07-23 (PCT/IB2021/056664)
[87] (WO2023/002240)

[21] 3,226,635
[13] A1

[51] Int.Cl. A61K 31/70 (2006.01) A61K 31/715 (2006.01) A61P 11/08 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR THE TREATMENT OF BRONCHOPULMONARY DYSPLASIA (BPD) AND BPD-ASSOCIATED PULMONARY HYPERTENSION
[54] COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE LA DYSPLASIE BRONCHOPULMONAIRE (BPD) ET DE L'HYPERTENSION PULMONAIRE ASSOCIEE A LA BPD
[72] ACHARYA, SUCHISMITA, US
[72] DAS, PRAGNYA, US
[71] AYUVIS RESEARCH, INC., US
[85] 2024-01-22
[86] 2022-07-27 (PCT/US2022/038426)
[87] (WO2023/009567)
[30] US (63/227,819) 2021-07-30
[30] US (17/873,453) 2022-07-26

[21] 3,226,637
[13] A1

[51] Int.Cl. A01N 63/50 (2020.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR CONTROLLING COLEOPTERAN INSECTS
[54] COMPOSITIONS ET PROCEDES DE LUTTE CONTRE LES COLEOPTERES
[72] REYNOLDS, CLARENCE MICHAEL, US
[72] DONOHUE, KEVIN V., US
[72] TOURE, ABDEL, FR
[71] SYNGENTA CROP PROTECTION AG, CH
[85] 2024-01-22
[86] 2022-08-11 (PCT/US2022/074792)
[87] (WO2023/019190)
[30] US (63/232,340) 2021-08-12

[21] 3,226,638
[13] A1

[51] Int.Cl. C04B 28/06 (2006.01) C04B 28/16 (2006.01) C04B 40/00 (2006.01)
[25] EN
[54] SET CONTROL COMPOSITION FOR CEMENTITIOUS SYSTEMS
[54] COMPOSITION DE REGULATION DE PRISE DESTINEE A DES SYSTEMES CIMENTAIRES
[72] SACHSENHAUSER, BERNHARD, DE
[72] BANDIERA, MASSIMO, IT
[72] LORENZ, KLAUS, DE
[72] HIMMELEIN, SABINE, DE
[72] WELDERT, KAI STEFFEN, DE
[72] SCHWESIG, PETER, DE
[72] KLEIN, MATTHIAS, DE
[72] FARRA, RAMZI, DE
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2024-01-22
[86] 2022-09-28 (PCT/EP2022/076983)
[87] (WO2023/052424)
[30] EP (21199920.6) 2021-09-29

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[13] A1

[51] Int.Cl. A24F 40/65 (2020.01) A24F 40/51 (2020.01) A24F 40/57 (2020.01)
[25] EN
[54] INTERACTIVE AEROSOL PROVISION SYSTEM
[54] SYSTEME INTERACTIF DE FOURNITURE D'AEROSOL
[72] MOLONEY, PATRICK, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2024-01-22
[86] 2022-07-13 (PCT/EP2022/069533)
[87] (WO2023/006417)
[30] GB (2110909.5) 2021-07-29

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[13] A1

[51] Int.Cl. B29C 48/27 (2019.01) B29C 48/69 (2019.01) B01D 29/54 (2006.01) B01D 29/94 (2006.01) B29B 7/58 (2006.01)
[25] EN
[54] FILTERING DEVICE FOR PLASTIC MATERIALS WITH CLEANING SYSTEM
[54] DISPOSITIF DE FILTRATION POUR MATIERES PLASTIQUES AVEC SYSTEME DE NETTOYAGE
[72] SARTORI, ALESSANDRO, IT
[71] BREAK POLYMER SRL, IT
[71] SARTORI, ALESSANDRO, IT
[85] 2024-01-22
[86] 2022-08-02 (PCT/IB2022/057152)
[87] (WO2023/012656)
[30] IT (102021000021380) 2021-08-06

[21] 3,226,641
[13] A1

[51] Int.Cl. A24F 40/49 (2020.01) A24F 40/57 (2020.01) A24F 40/65 (2020.01)
[25] EN
[54] INTERACTIVE AEROSOL PROVISION SYSTEM
[54] SYSTEME DE FOURNITURE D'AEROSOL INTERACTIF
[72] MOLONEY, PATRICK, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2024-01-22
[86] 2022-07-13 (PCT/EP2022/069536)
[87] (WO2023/006420)
[30] GB (2110917.8) 2021-07-29

[21] 3,226,643
[13] A1

[51] Int.Cl. G16H 50/70 (2018.01) G16H 20/10 (2018.01)
[25] EN
[54] COMPUTER ARCHITECTURE FOR IDENTIFYING LINES OF THERAPY
[54] ARCHITECTURE INFORMATIQUE POUR IDENTIFIER DES LIGNES THERAPEUTIQUES
[72] KUMAR, NAVNEEN, US
[72] ZHANG, JINGWEN, US
[72] SUBRAMANIAN, NISHA, US
[72] NAYAK, GAUTAM, US
[72] LU, SHUNXIN, US
[72] LIAO, JIEMIN, US
[72] YU, JUNHUA, US
[71] GUARDANT HEALTH, INC., US
[85] 2024-01-22
[86] 2022-07-29 (PCT/US2022/038941)
[87] (WO2023/009857)
[30] US (63/227,860) 2021-07-30
[30] US (63/238,851) 2021-08-31
[30] US (63/250,912) 2021-09-30
[30] US (PCT/US2022/032250) 2022-06-03

[21] 3,226,644
[13] A1

[51] Int.Cl. B65D 85/804 (2006.01)
[25] EN
[54] SINGLE SERVE CAPSULE FOR PREPARING A BEVERAGE WITH THE AID OF A BEVERAGE PREPARATION MACHINE, AND USE OF A SINGLE SERVE CAPSULE
[54] CAPSULE SERVANT A PREPARER UNE BOISSON A L'AIDE D'UNE MACHINE DE PREPARATION DE BOISSONS ET UTILISATION D'UNE CAPSULE
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[71] K-FEE SYSTEM GMBH, DE
[85] 2024-01-22
[86] 2022-08-01 (PCT/EP2022/071506)
[87] (WO2023/007024)
[30] US (63/227,708) 2021-07-30
[30] DE (10 2021 208 859.7) 2021-08-12
[30] DE (10 2021 208 958.5) 2021-08-16

[21] 3,226,645
[13] A1

[51] Int.Cl. B65D 85/804 (2006.01)
[25] EN
[54] SINGLE SERVE CAPSULE FOR PREPARING A BEVERAGE WITH THE AID OF A BEVERAGE PREPARATION MACHINE, AND USE OF A SINGLE SERVE CAPSULE
[54] CAPSULE SERVANT A PREPARER UNE BOISSON A L'AIDE D'UNE MACHINE DE PREPARATION DE BOISSONS ET UTILISATION D'UNE CAPSULE
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[71] K-FEE SYSTEM GMBH, DE
[85] 2024-01-22
[86] 2022-08-01 (PCT/EP2022/071508)
[87] (WO2023/007026)
[30] US (63/227,708) 2021-07-30
[30] DE (10 2021 208 857.0) 2021-08-12

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[13] A1

[51] Int.Cl. A62C 3/07 (2006.01) A62D 1/00 (2006.01)
[25] EN
[54] NONFLUORINATED AGENT FOR LIQUID VEHICLE SYSTEMS
[54] AGENT NON FLUORE POUR SYSTEMES DE VEHICULE LIQUIDE
[72] ZABRONSKY, KATHERINE L., US
[71] TYCO FIRE PRODUCTS LP, US
[85] 2024-01-22
[86] 2022-10-18 (PCT/IB2022/059964)
[87] (WO2023/067481)
[30] US (63/270,219) 2021-10-21

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[51] Int.Cl. C30B 33/06 (2006.01) C08L 1/02 (2006.01) C08L 5/04 (2006.01) C08L 5/08 (2006.01)
[25] EN
[54] METAL ORGANIC FRAMEWORK FILM AND METHOD OF MAKING
[54] FILM A STRUCTURE ORGANOMETALLIQUE ET PROCEDE DE FABRICATION ASSOCIE
[72] TRIFKOVIC, MILANA, CA
[72] SHIMIZU, GEORGE KISA HAYASHI, CA
[72] LIN, SHUO, CA
[72] KEDZIOR, STEPHANIE ANN, CA
[71] UTI LIMITED PARTNERSHIP, CA
[85] 2024-01-22
[86] 2022-07-22 (PCT/CA2022/051141)
[87] (WO2023/000111)
[30] US (63/224,672) 2021-07-22

[21] 3,226,648
[13] A1

[51] Int.Cl. B65D 85/804 (2006.01)
[25] EN
[54] SINGLE SERVE CAPSULE FOR PREPARING A BEVERAGE WITH THE AID OF A BEVERAGE PREPARATION MACHINE, AND USE OF A SINGLE SERVE CAPSULE
[54] CAPSULE SERVANT A PREPARER UNE BOISSON A L'AIDE D'UNE MACHINE DE PREPARATION DE BOISSONS ET UTILISATION D'UNE CAPSULE
[72] KRUEGER, MARC, DE
[72] EMPL, GUENTER, DE
[71] K-FEE SYSTEM GMBH, DE
[85] 2024-01-22
[86] 2022-08-01 (PCT/EP2022/071507)
[87] (WO2023/007025)
[30] US (63/227,708) 2021-07-30
[30] DE (10 2021 208 856.2) 2021-08-12

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[13] A1

[51] Int.Cl. B65D 85/804 (2006.01)
[25] EN
[54] SINGLE SERVE CAPSULE FOR PREPARING A BEVERAGE WITH THE AID OF A BEVERAGE PREPARATION MACHINE, AND USE OF A SINGLE SERVE CAPSULE
[54] CAPSULE SERVANT A PREPARER UNE BOISSON A L'AIDE D'UNE MACHINE DE PREPARATION DE BOISSONS ET UTILISATION D'UNE CAPSULE
[72] KRUEGER, MARC, DE
[72] EMPL, GUENTER, DE
[71] K-FEE SYSTEM GMBH, DE
[85] 2024-01-22
[86] 2022-08-01 (PCT/EP2022/071513)
[87] (WO2023/007027)
[30] US (63/227,708) 2021-07-30
[30] DE (10 2021 208 859.7) 2021-08-12
[30] DE (10 2021 208 958.5) 2021-08-16
[30] DE (10 2021 214 547.7) 2021-12-16
[30] US (17/724,750) 2022-04-20

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[13] A1

[51] Int.Cl. A61B 17/34 (2006.01) A61M 13/00 (2006.01)
[25] EN
[54] MULTI-PORT, HIGH-FLOW PNEUMOPERITONEUM AND SMOKE EVACUATION DISTRIBUTION DEVICES, SYSTEMS, AND METHODS
[54] DISPOSITIFS, SYSTEMES ET PROCEDES DE DISTRIBUTION D'EVACUATION DE FUMEE ET DE PNEUMOPERITOINE A ORIFICES MULTIPLES ET A HAUT DEBIT
[72] VISCO, ANTHONY, US
[72] VISCO, ZACHARY, US
[71] DUKE UNIVERSITY, US
[71] VISCO, ZACHARY, US
[85] 2024-01-22
[86] 2022-09-30 (PCT/US2022/077343)
[87] (WO2023/056415)
[30] US (63/250,471) 2021-09-30

[21] 3,226,651
[13] A1

[51] Int.Cl. A61K 31/7008 (2006.01) A61K 31/7028 (2006.01) A61K 31/7105 (2006.01) A61K 31/711 (2006.01) A61K 47/26 (2006.01) A61K 47/28 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR TARGETED RNA DELIVERY
[54] COMPOSITIONS ET METHODES D'ADMINISTRATION CIBLEE D'ARN
[72] RAJEEV, KALLANTHOTTATHIL G., US
[72] KASIEWICZ, LISA N., US
[72] MALYALA, PADMA, US
[72] BISWAS, SOUVIK, US
[72] ROHDE, ELLEN, US
[72] CHADWICK, ALEXANDRA, US
[72] REISS, CAROLINE, US
[72] CHENG, CHRISTOPHER, US
[72] BELLINGER, ANDREW, US
[71] VERVE THERAPEUTICS, INC., US
[85] 2024-01-22
[86] 2022-08-03 (PCT/US2022/074493)
[87] (WO2023/015223)
[30] US (63/229,060) 2021-08-03
[30] US (63/246,858) 2021-09-22
[30] US (63/275,335) 2021-11-03

[21] 3,226,652
[13] A1

[51] Int.Cl. A24F 40/57 (2020.01)
[25] EN
[54] INTERACTIVE AEROSOL PROVISION SYSTEM
[54] SYSTEME DE FOURNITURE D'AEROSOL INTERACTIF
[72] MOLONEY, PATRICK, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2024-01-22
[86] 2022-07-13 (PCT/EP2022/069535)
[87] (WO2023/006419)
[30] GB (2110914.5) 2021-07-29

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[13] A1

[51] Int.Cl. G02B 5/00 (2006.01) G02B 27/00 (2006.01)
[25] EN
[54] ILLUMINATION OPTICAL DEVICE COMPRISING A COLLIMATOR HAVING LOW INTRINSIC NOISE
[54] DISPOSITIF OPTIQUE D'ECLAIRAGE COMPRENANT UN COLLIMATEUR A FAIBLE BRUIT INTRINSEQUE
[72] BARILLI, MARCO, IT
[72] DAMI, MICHELE, IT
[72] GRIFONI, FULVIO, IT
[72] POMPEI, CARLO, IT
[71] LEONARDO S.P.A., IT
[85] 2024-01-22
[86] 2022-07-22 (PCT/IB2022/056783)
[87] (WO2023/002444)
[30] EP (21425036.7) 2021-07-23
[30] IT (10202200000722) 2022-01-18

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[13] A1

[51] Int.Cl. C04B 33/13 (2006.01) C04B 33/04 (2006.01) C04B 33/14 (2006.01) C04B 33/24 (2006.01) C04B 33/34 (2006.01) C04B 35/22 (2006.01)
[25] EN
[54] TILES OR SLABS OF COMPACTED CERAMIC MATERIAL
[54] CARREAUX OU DALLES DE MATERIAU CERAMIQUE COMPACTE
[72] ALVAREZ DE DIEGO, JAVIER, ES
[72] BENITO LOPEZ, JOSE MANUEL, ES
[71] COSENTINO RESEARCH & DEVELOPMENT, S.L., ES
[85] 2024-01-22
[86] 2022-07-29 (PCT/EP2022/071322)
[87] (WO2023/012053)
[30] EP (21382742.1) 2021-08-06

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[13] A1

[51] Int.Cl. E21B 23/06 (2006.01) E21B 33/124 (2006.01) E21B 41/00 (2006.01)
[25] EN
[54] CARBON-SWELLABLE SEALING ELEMENT
[54] ELEMENT D'ETANCHEITE GONFLABLE AU CARBONE
[72] GLAESMAN, CHAD WILLIAM, SG
[72] FRIPP, MICHAEL LINLEY, SG
[72] VU, NAM THANH, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2024-01-22
[86] 2021-11-05 (PCT/US2021/072263)
[87] (WO2023/080909)
[30] US (17/453,698) 2021-11-05

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[13] A1

[51] Int.Cl. A24F 40/51 (2020.01)
[25] EN
[54] INTERACTIVE AEROSOL PROVISION SYSTEM
[54] SYSTEME DE FOURNITURE D'AEROSOL INTERACTIF
[72] MOLONEY, PATRICK, GB
[72] SUTTON, JOSEPH PETER, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2024-01-22
[86] 2022-07-13 (PCT/EP2022/069537)
[87] (WO2023/006421)
[30] GB (2110921.0) 2021-07-29

[21] 3,226,657
[13] A1

[51] Int.Cl. B23B 51/04 (2006.01) B23B 51/05 (2006.01)
[25] EN
[54] CUTTING ACCESSORY FOR A DRILL
[54] ACCESOIRE DE COUPE POUR FORET
[72] CARBONE, MARCO, CA
[71] CARBONE, MARCO, CA
[85] 2024-01-22
[86] 2023-05-17 (PCT/CA2023/050680)
[87] (WO2023/220822)
[30] US (63/343,124) 2022-05-18

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[13] A1

[51] Int.Cl. B01D 15/18 (2006.01) B01D 15/24 (2006.01) G01N 30/44 (2006.01)
[25] EN
[54] INDUSTRIAL METHOD FOR ISOLATING AN ANALYTE FROM A LIQUID MIXTURE
[54] PROCEDE INDUSTRIEL D'ISOLEMENT D'UN ANALYTE A PARTIR D'UN MELANGE LIQUIDE
[72] PALSSON, MICHAEL, DK
[72] HARLOW, KENNETH, DK
[71] BLUETECH APS, DK
[85] 2024-01-22
[86] 2022-08-11 (PCT/EP2022/072577)
[87] (WO2023/017126)
[30] DK (PA202100804) 2021-08-13
[30] DK (PA202200063) 2022-01-24
[30] DK (PA202200544) 2022-06-09

[21] 3,226,659
[13] A1

[51] Int.Cl. B64F 1/00 (2024.01) B64F 1/12 (2006.01)
[25] EN
[54] LOCKING DEVICE FOR AN AIRCRAFT
[54] DISPOSITIF DE VERROUILLAGE POUR UN AERONEF
[72] BAGLIONI, STEFANO, IT
[72] RIBAUDO, MAURIZIO, IT
[71] LEONARDO S.P.A., IT
[85] 2024-01-22
[86] 2022-07-22 (PCT/IB2022/056801)
[87] (WO2023/002451)
[30] EP (21425037.5) 2021-07-23
[30] IT (10202200015168) 2022-07-19

[21] 3,226,661
[13] A1

[51] Int.Cl. G01K 11/3206 (2021.01)
[25] EN
[54] FIBER OPTIC QUENCH DETECTION
[54] DETECTION DE TRANSITION RESISTIVE DE FIBRE OPTIQUE
[72] SALAZAR, ERICA, US
[72] HARTWIG, ZACHARY, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2024-01-22
[86] 2022-08-05 (PCT/US2022/039565)
[87] (WO2023/014965)
[30] US (63/230,302) 2021-08-06

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[51] Int.Cl. A61K 31/19 (2006.01) A61K 36/84 (2006.01) A61K 41/00 (2020.01)
A61P 35/02 (2006.01) C07H 19/12 (2006.01)
[25] EN
[54] A METHOD OF TREATING CANCER OR A BLOOD DISORDER
[54] PROCEDE DE TRAITEMENT D'UN CANCER OU D'UN TROUBLE DU SANG
[72] EBRAHEM, QUTEBA, US
[71] EBRAHEM, QUTEBA, US
[85] 2023-12-22
[86] 2022-07-12 (PCT/US2022/036834)
[87] (WO2023/287797)
[30] US (63/220,809) 2021-07-12

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[13] A1

[51] Int.Cl. G08B 21/02 (2006.01) G01C 21/16 (2006.01)
[25] EN
[54] MOUNTABLE APPARATUS FOR PROVIDING USER DATA MONITORING AND COMMUNICATION IN HAZARDOUS ENVIRONMENTS
[54] APPAREIL POUVANT ETRE MONTE, SERVANT A FOURNIR UNE SURVEILLANCE ET UNE COMMUNICATION DE DONNEES D'UTILISATEUR DANS DES ENVIRONNEMENTS DANGEREUX
[72] GORSUCH, ALEXANDER, US
[72] COUSTON, PAUL, US
[72] KAUFMANN, THOMAS, US
[72] IZZI, MOLLY, US
[72] ZERILLO, DOMINIC, US
[71] AI TECH HOLDINGS, INC., US
[85] 2024-01-22
[86] 2022-07-26 (PCT/US2022/038393)
[87] (WO2023/009551)
[30] US (63/226,725) 2021-07-28
[30] US (63/333,805) 2022-04-22
[30] US (63/311,290) 2022-02-17

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[51] Int.Cl. C12N 15/11 (2006.01)
[25] EN
[54] GUIDE RNAS FOR CRISPR/CAS EDITING SYSTEMS
[54] ARNS GUIDES POUR SYSTEMES D'EDITION CRISPR/CAS
[72] CAFFERTY, BRIAN, US
[72] PACKER, MICHAEL, US
[72] ARATYN-SCHAUS, YVONNE, US
[72] CHENG, LO-I, US
[71] BEAM THERAPEUTICS INC., US
[85] 2024-01-22
[86] 2022-07-22 (PCT/US2022/074041)
[87] (WO2023/004409)
[30] US (63/225,322) 2021-07-23
[30] US (63/255,927) 2021-10-14

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[13] A1

[51] Int.Cl. G06Q 10/00 (2023.01) G06Q 30/00 (2023.01)
[25] EN
[54] SYSTEMS AND METHODS FOR DETERMINING EXTENDED WARRANTY PRICING BASED ON MACHINE ACTIVITY
[54] SYSTEMES ET PROCEDES POUR DETERMINER UNE TARIFICATION DE GARANTIE PROLONGEE SUR LA BASE D'UNE ACTIVITE DE MACHINE
[72] RAI, PRASHANT, US
[72] CLINE, KYLE J., US
[71] CATERPILLAR INC., US
[85] 2024-01-23
[86] 2022-07-06 (PCT/US2022/036162)
[87] (WO2023/009280)
[30] US (17/389,043) 2021-07-29

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[51] Int.Cl. B29C 64/386 (2017.01) B33Y 50/02 (2015.01) B29C 64/112 (2017.01) B29C 64/135 (2017.01) B29C 64/165 (2017.01) B29C 64/393 (2017.01) B22F 10/20 (2021.01) B22F 10/80 (2021.01)
[25] EN
[54] REPRESENTATIVE PART, METHODS OF DESIGNING REPRESENTATIVE PARTS, METHODS OF FORMING AND TESTING REPRESENTATIVE PARTS, AND METHODS OF QUALIFYING ADDITIVE MANUFACTURING SYSTEMS
[54] PIECE REPRESENTATIVE, PROCEDES DE CONCEPTION DE PIECES REPRESENTATIVES, PROCEDES DE FORMATION ET DE TEST DE PIECES REPRESENTATIVES, ET PROCEDES DE QUALIFICATION DE SYSTEMES DE FABRICATION ADDITIV
[72] MALKAWI, AMEEN MOH'D JEHAD, SA
[72] MINHAS, NAEEM-UR, SA
[72] LAKHAMRAJU, RAGHAVA RAJU, SA
[72] ALEID, ZAHRA RIDHA, SA
[72] SHARROFNA, HUSSAIN, SA
[71] BAKER HUGHES OILFIELD OPERATIONS LLC, US
[85] 2024-01-23
[86] 2022-09-26 (PCT/US2022/074109)
[87] (WO2023/009981)
[30] US (63/227,613) 2021-07-30
[30] US (17/465,207) 2021-09-02

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[25] EN
[54] LIGHT PIPE APPARATUS AND ASSOCIATED ELECTRONIC DEVICE
[54] APPAREIL A CONDUIT DE LUMIERE ET DISPOSITIF ELECTRONIQUE ASSOCIE
[72] REESE, ROBERT J., US
[72] GOSWAMI, GORA, IN
[72] MATHEW, DOMINIC KURIAN, IN
[72] ZANELLA, MARK F., US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2024-01-23
[86] 2022-07-28 (PCT/EP2022/025360)
[87] (WO2023/006251)
[30] US (17/389,859) 2021-07-30

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[13] A1

[51] Int.Cl. G06Q 10/04 (2023.01) G06Q 50/02 (2012.01) G06Q 50/08 (2012.01)
[25] EN
[54] SYSTEMS AND METHODS FOR IDENTIFYING MACHINE MODIFICATIONS FOR IMPROVED PRODUCTIVITY
[54] SYSTEMES ET PROCEDES POUR IDENTIFIER DES MODIFICATIONS DE MACHINE POUR UNE PRODUCTIVITE AMELIOREE
[72] VILLERO, DAVID A., US
[72] CLINE, KYLE J., US
[71] CATERPILLAR INC., US
[85] 2024-01-23
[86] 2022-07-06 (PCT/US2022/036160)
[87] (WO2023/009279)
[30] US (17/390,442) 2021-07-30

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[51] Int.Cl. C07D 403/14 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] HPK1 DEGRADERS, COMPOSITIONS THEREOF, AND METHODS OF USING THE SAME
[54] AGENTS DE DEGRADATION D'HPK1, LEURS COMPOSITIONS ET LEURS PROCEDES D'UTILISATION
[72] MA, TIANWEI, CN
[72] FANG, LICHAO, CN
[72] SHI, FENG, CN
[72] WANG, YAYI, CN
[72] XUE, WEI, CN
[72] LIU, MIAO, CN
[72] HUANG, ZHENG, CN
[71] BIOFRONT LTD, KY
[85] 2024-01-11
[86] 2022-08-22 (PCT/CN2022/113919)
[87] (WO2023/025091)
[30] CN (PCT/CN2021/114321) 2021-08-24

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[13] A1

[51] Int.Cl. C10L 3/10 (2006.01) F01K 23/10 (2006.01) F02C 3/22 (2006.01) F02C 6/18 (2006.01) F02C 7/224 (2006.01) F25J 1/00 (2006.01)
[25] EN
[54] HEAT RECOVERY IN A LNG PLANT
[54] RECUPERATION DE CHALEUR DANS UNE USINE DE GNL
[72] STALLMANN, OLAF, DE
[72] AMIDEI, SIMONE, IT
[71] NUOVO PIGNONE TECNOLOGIE - S.R.L., IT
[85] 2024-01-23
[86] 2022-07-27 (PCT/EP2022/025357)
[87] (WO2023/011762)
[30] IT (102021000020756) 2021-08-02

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[13] A1

[51] Int.Cl. A46B 15/00 (2006.01) A61C 17/22 (2006.01)
[25] EN
[54] UNIVERSAL BASE FOR ELECTRIC TOOTHBRUSH
[54] BASE UNIVERSELLE POUR BROSSE A DENTS ELECTRIQUE
[72] NEWMAN, MATTHEW LLOYD, DE
[72] PASCHOLD, MATTHIAS, DE
[71] BRAUN GMBH, DE
[85] 2024-01-11
[86] 2022-08-04 (PCT/IB2022/057260)
[87] (WO2023/012718)
[30] US (63/230,181) 2021-08-06

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[25] EN
[54] IL1RAP ANTIBODIES AND USES THEREOF
[54]
[72] DOYLE, PATRICK JAMES, US
[72] KAROULIA, ZOI, US
[72] CARPENITO, CARMINE, US
[72] CHEN, JIAHAO, US
[72] BENARD, LUMIE MARIE JOSEPHINE, US
[72] ROOPNARIANE, ADRIANA PERMAUL, US
[72] NAKAYAMA, YASUMI, US
[72] BIDERMAN, LYNN, US
[72] BUGAJ-GAWEDA, BOZENA, US
[72] GUERNAH, ILHEM, US
[72] LORENZ, IVO C., US
[72] DUEY, DANA YEN MEI, US
[72] LIPPINCOTT, JOHN ANDREW, US
[71] STELEXIS THERAPEUTICS, LLC, US
[85] 2024-01-19
[86] 2022-07-19 (PCT/US2022/037530)
[87] (3226673)
[30] US (63/223,994) 2021-07-21

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[51] Int.Cl. A46B 15/00 (2006.01) A61C 17/22 (2006.01)
[25] EN
[54] ELECTRIC TOOTHBRUSH AND UNIVERSAL BASE THEREFOR
[54] BROSSE A DENTS ELECTRIQUE ET BASE UNIVERSELLE ASSOCIEE
[72] NEWMAN, MATTHEW LLOYD, DE
[72] PASCHOLD, MATTHIAS, DE
[71] BRAUN GMBH, DE
[85] 2024-01-11
[86] 2022-08-04 (PCT/IB2022/057262)
[87] (WO2023/012719)
[30] US (63/230,181) 2021-08-06

[21] 3,226,675 [13] A1
[51] Int.Cl. A41D 13/11 (2006.01) A62B 18/02 (2006.01)
[25] EN
[54] FACE MASK
[54] MASQUE FACIAL
[72] KIM, KYOUNGROCK, KR
[72] HAN, DAMI, KR
[72] KIM, JEONGSOOK, KR
[72] YANG, HOMYUNG, KR
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2024-01-23
[86] 2021-08-03 (PCT/US2021/044277)
[87] (WO2023/014348)

[21] 3,226,676 [13] A1
[51] Int.Cl. G01N 21/3554 (2014.01) G01N 21/27 (2006.01)
[25] EN
[54] ESTIMATION SYSTEM, ESTIMATION DEVICE, ESTIMATION METHOD, AND ESTIMATION PROGRAM
[54] SYSTEME, DISPOSITIF ET PROCEDE D'ESTIMATION, ET PROGRAMME D'ESTIMATION
[72] HIDAKA, KATSUHIKO, JP
[72] KIKKAWA, TAKASHI, JP
[72] NEZAKI, TAKASUKE, JP
[72] MASUI, YUKIHITO, JP
[72] NORO, NAOKI, JP
[72] TAKARA, YOHEI, JP
[71] KURITA WATER INDUSTRIES LTD., JP
[85] 2024-01-11
[86] 2022-03-24 (PCT/JP2022/014053)
[87] (WO2023/286379)
[30] JP (2021-116724) 2021-07-14

[21] 3,226,677 [13] A1
[51] Int.Cl. C04B 24/38 (2006.01) E01C 7/14 (2006.01)
[25] EN
[54] DRY MIXES AND CEMENTS COMPRISING CELLULOSE ETHERS HAVING POLYETHER GROUPS AS LUBRICATIVE ADITIVES FOR ROLLER COMPACTED CONCRETE APPLICATIONS AND METHODS OF USING THEM
[54] MELANGES SECS ET CIMENTS COMPRENANT DES ETHERS DE CELLULOSE PRESENTANT DES GROUPES POLYETHER EN TANT QU'ADDITIFS LUBRIFIANTS POUR DES APPLICATIONS DE BETON COMPACTE AU ROULEAU ET PROCEDES POUR LEUR UTILISATIO
[72] FAN, YI, US
[72] RADLER, MICHAEL J., US
[72] THEUERKAUF, JORG, US
[72] LEVIN, JESSICA R., US
[72] SAMMLER, ROBERT L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[72] VIANNA, JOAO CLAUDIO BUZATTI, GB
[71] CERES INTELLECTUAL PROPERTY COMPANY LIMITED, GB
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[71] ENCAPSYS, LLC, US
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[72] MAHNKE, JOSHUA, US
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 - [54] SYSTEME DE SOUDAGE ROBOTIQUE MUNI D'UNE SOUDEUSE ORBITALE POSITIONNEE SUR UN BRAS ROBOTIQUE
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 - [72] BREWER, MICHAEL ALAN, US
 - [72] NOBLE, MICHAEL H., US
 - [72] JOUSTRA, KEVIN, US
 - [71] CATERPILLAR INC., US
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- [71] EXOTEC, FR
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 - [72] BOGGS, JOSEPH W., US
 - [72] CROSBY, NATHAN, US
 - [72] SWAN, BRANDON, US
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 - [72] DIMIT, BRYCE, US
 - [71] SPR THERAPEUTICS, INC., US
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- [72] CONBOY, JOHN S., US
- [71] CONBOY, JOHN S., US
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 - [72] LEANG, CHING, US
 - [72] KOEPKE, MICHAEL, US
 - [72] JENSEN, RASMUS OVERGAARD, US
 - [72] MUELLER, ALEXANDER PAUL, US
 - [71] LANZATECH, INC., US
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- [72] MICKIEWICZ, MATTHEW G., US
- [72] RAMALHO, STIVE, FR
- [72] HOPF, DARREN JOSEPH, US
- [72] SPEICHINGER, JUSTIN DOUGLAS, US
- [72] ROUSSEAU, PAUL ALAN, US
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- [71] CATERPILLAR INC., US
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[72] SULLIVAN, RYAN PATRICK, US
[72] CHROBAK, KENNETH M., US
[72] COOPER, MATTHEW, US
[72] MATHYER, MARY ELIZABETH, US
[72] GOVERO, JENNIFER L., US
[71] WUGEN, INC., US
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[54] PROCEDE PERMETTANT DE SOUMETTRE UNE CHARGE D'ALIMENTATION DE BIOMASSE A UNE HYDROPYROLYSE
[72] HUIZENGA, PIETER, NL
[72] SIGAUD, JULIEN, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[72] MICKEVICIUS, NIKOLAI J., US
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[72] MWASAME, PAUL M., US
[72] YU, DECAI, US
[72] MUKHOPADHYAY, SUKRIT, US
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[72] SMITH, KEVIN, US
[72] WOYCZIK, ADAM, US
[72] NASEER, MUHAMMAD MOHSIN, US
[72] AHMAD, MUKHTIAR, US
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[71] MILLER FELPAK CORPORATION, US
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[72] LAMBRECHTS, DIETHER, BE
[72] BASSEZ, AYSE, BE
[72] VOS, HANNE, BE
[72] SMEETS, ANN, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
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[54] SYSTEMES ET PROCEDES D'AUTHENTIFICATION A L'AIDE D'EMPREINTES NUMERIQUES DE NAVIGATEUR
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[71] PINDROP SECURITY, INC., US
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[54] SIEGES DE TOILETTES, ADAPTATEURS DE SIEGE DE TOILETTES ET SYSTEMES ASSOCIES
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[71] AMMEGA GROUP AG, CH
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[54] DEVICE AND METHOD FOR CONTROLLING AND SUPPLYING ENERGY TO COMPONENTS IN VEHICLES
[54] DISPOSITIF ET PROCEDE DE COMMANDE ET D'ALIMENTATION EN ENERGIE DE COMPOSANTS DANS DES VEHICULES
[72] NEMETH, HUBA, HU
[72] JUNDT, OLIVER, DE
[72] MULLER, JENS-HAUKE, DE
[71] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE
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[54] VECTEURS DE HCMV RECOMBINANTS ET LEURS UTILISATIONS
[72] ARVIN, ANN M., US
[72] DOUGLAS, JANET L., US
[72] MARSHALL, EMILY, US
[72] VIRGIN, HERBERT W., US
[71] VIR BIOTECHNOLOGY, INC., US
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[54] REDUCTION OF FALSE DETECTIONS IN A PROPERTY MONITORING SYSTEM USING ULTRASOUND Emitter
[54] REDUCTION DE FAUSSES DETECTIONS DANS UN SYSTEME DE SURVEILLANCE DE PROPRIETE A L'AIDE D'UN EMETTEUR D'ULTRASONS
[72] CONSTANTINE, DEAN, US
[72] BART, GARY FRANKLIN, US
[71] ALARM.COM INCORPORATED, US
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[54] COMPOSITIONS MAGNETIQUES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION
[72] HANEJKO, FRANCIS GARY, US
[72] McDONALD, PHILLIP PRESTON, US
[71] HORIZON TECHNOLOGY, US
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[72] LIBERT, TIMOTHY A., US
[72] BASS, RICK, US
[71] BIXBY INTERNATIONAL CORPORATION, US
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[72] CHEN, SHILI, US
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[72] LIU, PINGLI, US
[72] MELONI, DAVID, US
[72] PAN, YONGCHUN, US
[72] SU, NAIJING, US
[72] XIA, MICHAEL, US
[71] INCYTE CORPORATION, US
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[72] LUCKHARDT IV, CHARLES EDWARD, US
[71] MIXHALO CORP., US
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[54] PUMP CASING AND PUMP CARTER DE POMPE ET POMPE
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[72] ISHIWATA, TETSUYA, JP
[72] MAEDA, TSUYOSHI, JP
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[71] EBARA CORPORATION, JP
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[25] EN
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[54] REACTEUR NUCLEAIRE DOTE D'UN SYSTEME DE PROTECTION CARACTERISE PAR DE MULTIPLES PHENOMENES D'ACTIONNEMENT
[72] CINOTTI, LUCIANO, IT
[71] NEWCLEO LTD, GB
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[86] 2022-12-02 (PCT/IB2022/061692)
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[54] DEPLOIEMENT D'UN ENSEMBLE DETONATEUR
[72] KRUGER, MICHAEL JACOBUS, ZA
[71] DETNET SOUTH AFRICA (PTY) LTD, ZA
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- [54] INHIBITEURS DE KRAS G12D ET LEURS UTILISATIONS
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- [72] WANG, ZHENG, CN
- [72] CHENG, ZIQIANG, CN
- [72] CHEN, SHUAI, CN
- [71] SUZHOU ZANRONG PHARMA LIMITED, CN
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- [72] BERGSTROM, STEFAN, SE
- [72] AKSELENSEN, KRISTIAN, SE
- [72] ZIMMERMAN, ALEXANDER, SE
- [71] LA MACCHINA FTS AB, SE
- [85] 2024-01-12
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- [54] MEDICAMENT POUR LA PREVENTION ET/OU LE TRAITEMENT DE L'OEIL SEC
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- [72] NAGANO, TAKASHI, JP
- [72] ASANO, NAGAYOSHI, JP
- [72] FUJISAWA, KOUSHI, JP
- [71] SANTEN PHARMACEUTICAL CO., LTD., JP
- [71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
- [85] 2024-01-12
- [86] 2022-09-14 (PCT/JP2022/034383)
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- [54] CYANOPYRIDINE ET CYANOPYRIMIDINE UTILISEES EN TANT QU'AGENTS DE DEGRADATION DE BCL6
- [72] JONES, LYN HOWARD, US
- [72] CHE, JIANWEI, US
- [72] HUANG, HUANG, US
- [72] KONG, NIKKI, US
- [72] FERRAO, SILAS, US
- [72] LIU, YINGPENG, US
- [72] CRUISTE, JUSTIN, US
- [71] DANA-FARBER CANCER INSTITUTE, INC., US
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- [86] 2022-08-01 (PCT/US2022/074387)
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- [54] COMPOSITION ET SES UTILISATIONS
- [72] THOMPSON, IAN, CH
- [71] STONEHAVEN INCUBATE AG, CH
- [85] 2024-01-12
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- [54] COMPOSITION DE MATERIAU CARBONE, PROCEDE DE PRODUCTION D'UNE COMPOSITION DE MATERIAU CARBONE, ELECTRODE NEGATIVE ET BATTERIE SECONDAIRE
- [72] ISHIWATARI, NOBUYUKI, JP
- [72] KONDO, HISAKO, JP
- [72] YOKOMIZO, MASAKAZU, JP
- [71] MITSUBISHI CHEMICAL CORPORATION, JP
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[25] EN
[54] PROCESS FOR REMOVING SELENIUM FROM WASTEWATER USING BIOLOGICAL REDUCTION AND SURFACE COMPLEXATION
[54] PROCEDE D'ELIMINATION DU SELENIUM DES EAUX USEES PAR REDUCTION BIOLOGIQUE ET FORMATION D'UN COMPLEXE DE SURFACE
[72] LALIBERTE, MARC, CA
[72] DE LADURANTAYE-NOEL, MYRIAM, CA
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
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[25] EN
[54] METHODS OF MANUFACTURING OF MOLYBDENUM AND MOLYBDENUM-BASED STRUCTURES BY ELECTRON BEAM ADDITIVE MANUFACTURING, PARTICULARLY STRUCTURES FOR NUCLEAR COMPONENTS
[54] PROCEDES DE FABRICATION DE STRUCTURES EN MOLYBDENE ET A BASE DE MOLYBDENE PAR FABRICATION ADDITIVE PAR FAISCEAU D'ELECTRONS, EN PARTICULIER DES STRUCTURES POUR DES COMPOSANTS NUCLEAIRE
[72] ELLIS, ELIZABETH, US
[72] CHERN, ANDREW HARRISON, US
[72] FRITTS, TRAVIS B., US
[72] GALICKI, DANIEL WALTER, US
[72] KITCHEN, RYAN SCOTT, US
[72] MCFALLS, TRAVIS ADAM, US
[71] BWXT NUCLEAR ENERGY, INC., US
[71] ELLIS, ELIZABETH, US
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[25] EN
[54] MICELLE COMPLEX AND DRUG CARRIER COMPRISING SAME
[54] COMPLEXE DE MICELLES ET VECTEUR DE MEDICAMENT LE COMPRENANT
[72] PARK, IN KYU, KR
[72] JEONG, YONG YEON, KR
[71] DR. CURE CO., LTD., KR
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[86] 2022-07-07 (PCT/KR2022/009876)
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[54] GAS VALVE ASSEMBLY
[54] ENSEMBLE SOUPAPE A GAZ
[72] CORCORAN, BRIAN M., US
[72] HAYNES, MICHAEL W., US
[71] CORCORAN, BRIAN M., US
[71] HAYNES, MICHAEL W., US
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[25] EN
[54] ACTIVE/PASSIVE COOLING SYSTEM
[54] SYSTEME DE REFROIDISSEMENT ACTIF/PASSIF
[72] BOUCHER, MICHAEL, US
[72] NEUWALD, RAFAEL, US
[72] DUNNAVANT, BRYAN KEITH, US
[72] ROBERTS, JOHN, US
[72] DINNAGE, PAUL A., US
[72] FANG, WEI, US
[71] MUNTERS CORPORATION, US
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[54] PREDICTION DU VOLUME CORPOREL D'UN UTILISATEUR A DES FINS DE PILOTAGE D'UN TRAITEMENT MEDICAL ET D'UNE MEDICATION
[72] BOSANAC, VLADO, AU
[72] EL-SALLAM, AMAR, AU
[71] ADVANCED HEALTH INTELLIGENCE LTD., AU
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- [25] EN
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- [54] UTILISATION DE POMPES SANGUINES INTRACARDIAQUES EN TANT QUE PONT POUR DES INTERVENTIONS MEDICALES A HAUT RISQUE
- [72] CURRAN, JERALD WAYNE, US
- [72] KIM, JIN KWANG, US
- [71] ABIOMED, INC., US
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- [54] PROCEDE DE RENOUVELLEMENT DE PONT ET SYSTEME D'ASSISTANCE
- [72] HIGURE, KAZUMASA, JP
- [72] MITAMURA, KENJI, JP
- [72] YASUDA, KEIICHI, JP
- [71] OBAYASHI CORPORATION, JP
- [71] OFFICE K1 CO., LTD., JP
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- [86] 2023-06-15 (PCT/JP2023/022237)
- [87] (WO2023/248918)
- [30] JP (2022-099429) 2022-06-21
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- [25] EN
- [54] MONITORING OF DEFINED OPTICAL PATTERNS BY MEANS OF OBJECT RECOGNITION AND NEURAL NETWORKS
- [54] SURVEILLANCE DE FORMES OPTIQUES AU MOYEN DE LA RECONNAISSANCE D'OBJET ET DE RESEAUX NEURONaux
- [72] STAMMLER, MATTHIAS, DE
- [71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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- [54] PROCESS FOR PRODUCING EPSILON-CAPROLACTAM BY DEPOLYMERIZATION OF POLYCAPROLACTAM (PA6)
- [54] PROCEDE DE PRODUCTION D'EPSILON-CAPROLACTAME PAR DEPOLYMERISATION DE POLYCAPROLACTAME (PA6)
- [72] BERTOLLA, MADDALENA, IT
- [72] CECCHETTO, MICHELE, IT
- [72] DAL MORO, ANACLETO, IT
- [72] MODESTI, MICHELE, IT
- [72] GUERRA, STEFANO, IT
- [71] AQUAFIL S.P.A., IT
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- [86] 2022-11-10 (PCT/IB2022/060831)
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- [30] IT (102021000028601) 2021-11-10

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- [25] EN
- [54] COMPOUNDS CONSTITUTING C20-MODIFIED SALINOMYCIN DERIVATIVES, A METHOD FOR OBTAINING THE SAME, A COMPOSITION CONTAINING THE SAME AND A USE OF SAID COMPOUNDS
- [54] COMPOSES CONSTITUANT DES DERIVES DE SALINOMYCINE MODIFIES EN C20, LEUR PROCEDE D'OBTENTION, COMPOSITION LES CONTENANT ET UTILISATION DESDITS COMPOSES
- [72] CZERWONKA, DOMINKA, PL
- [72] KRZYWIK, JULIA, PL
- [72] SOBIERAJSKI, TOMASZ, PL
- [72] KLEJBOROWSKA, GRETA, PL
- [72] ULLRICH, MALGORZATA, PL
- [72] MOZGA, WITOLD, PL
- [72] HUCZYNSKI, ADAM, PL
- [72] PILASZEK, PRZEMYSLAW, PL
- [71] FILECLO SP. Z O.O., PL
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- [30] PL (P.438696) 2021-08-05

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- [54] SYSTEMES ET PROCEDES DE TRAITEMENT D'IMAGES ELECTRONIQUES POUR DETERMINER UNE QUALITE D'HISTOPATHOLOGIE
- [72] ROBERT, ERIC, US
- [72] SHAIKOVSKI, GEORGE, US
- [72] KANAN, CHRISTOPHER, US
- [71] PAIGE.AI, INC., US
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[25] EN
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[54] TRAITEMENT DU LUPUS
[72] LINDHOLM, CATHARINA, SE
[72] TUMMALA, RAJENDRA, US
[72] MAHO, EMMANUELLE, GB
[71] ASTRAZENECA AB, SE
[85] 2024-01-15
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[25] EN
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[54] CRAQUAGE DE L'EAU PAR PHOTOCATALYSE
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[72] TSANG, SHIK CHI, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
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[30] GB (2110427.8) 2021-07-20

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[25] EN
[54] CONNECTOR ASSEMBLY
[54] ENSEMBLE RACCORD
[72] DUFAUX, CHRISTOPHER PAUL DANIEL, GB
[72] SCHOFIELD, DALE, GB
[71] THREE SMITH GROUP LIMITED, GB
[85] 2024-01-15
[86] 2022-12-22 (PCT/GB2022/053364)
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[30] GB (2118984.0) 2021-12-23

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[25] EN
[54] SMART PLATE SENSORS
[54] CAPTEURS A PLAQUE INTELLIGENTE
[72] MIKHAIL, GEORGE, US
[72] WALSER, JOCHEN, CH
[72] VU, BINH, US
[72] SHAHRIARI, NAVID, NL
[72] SHEIKHI, ERFAN, NL
[72] LEE, SEULKI, NL
[72] FICHMAN, MARK, NL
[71] DEPUY SYNTHES PRODUCTS, INC., US
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[25] EN
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[54] PLATEFORME DE VALIDATION D'APPEL DE TELECOMMUNICATIONS
[72] KEMPSON, JASON DAVID, US
[72] DAVIS, JUSTEN JAMES, US
[72] KARNAS, RYAN PATRICK, US
[71] SOMOS, INC., US
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[25] EN
[54] REDUCING LATENCY IN ANTICHEAT DATAFLOW
[54] REDUCTION DE LA LATENCE DANS UN FLUX DE DONNEES ANTI-TRICHERIE
[72] NA, PIAW, US
[72] JAYASANKAR, SAVITHA KAYARAT, US
[71] NIANTIC, INC., US
[85] 2024-01-15
[86] 2022-07-15 (PCT/IB2022/056553)
[87] (WO2023/286032)
[30] US (63/222,919) 2021-07-16

[21] 3,226,752
[13] A1

[51] Int.Cl. A61F 2/42 (2006.01)
[25] EN
[54] IMPLANT AUGMENTATION SYSTEMS AND METHODS OF USE
[54] SYSTEMES D'AUGMENTATION D'IMPLANTS ET PROCEDES D'UTILISATION
[72] BERTOLOTTI, LUCIANO BERNARDINO, US
[72] KOWALCZYK, GREGORY J., US
[72] DEORIO, JAMES KEITH, US
[71] PARAGON 28, INC., US
[85] 2024-01-15
[86] 2022-07-18 (PCT/US2022/073829)
[87] (WO2023/004279)
[30] US (63/223,640) 2021-07-20
[30] US (63/263,615) 2021-11-05

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- [51] Int.Cl. B01J 31/22 (2006.01) C01B 32/40 (2017.01) C25B 1/23 (2021.01) C25B 3/07 (2021.01) C25B 3/26 (2021.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01) B01D 53/78 (2006.01) C25B 9/00 (2021.01)
- [25] EN
- [54] CARBON DIOXIDE ABSORPTION AND REDUCTION SOLUTION, CARBON DIOXIDE ABSORPTION AND REDUCTION DEVICE, AND CARBON DIOXIDE ABSORPTION AND REDUCTION METHOD
- [54] SOLUTION D'ABSORPTION ET DE REDUCTION DE DIOXYDE DE CARBONE, DISPOSITIF D'ABSORPTION ET DE REDUCTION DE DIOXYDE DE CARBONE ET PROCEDE D'ABSORPTION ET DE REDUCTION DE DIOXYDE DE CARBONE
- [72] TSUJIUCHI, TATSUYA, JP
- [72] TAJIMA, HIDEHIKO, JP
- [72] TAGAMI, NAOTO, JP
- [72] ISHITANI, OSAMU, JP
- [72] MIYAJI, MASAHICO, JP
- [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
- [71] TOKYO INSTITUTE OF TECHNOLOGY, JP
- [85] 2024-01-15
- [86] 2022-08-09 (PCT/JP2022/030439)
- [87] (WO2023/026855)
- [30] JP (2021-137715) 2021-08-26

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[51] Int.Cl. H04N 19/124 (2014.01) H04N 19/117 (2014.01) H04N 19/132 (2014.01) H04N 19/137 (2014.01) H04N 19/174 (2014.01) H04N 19/176 (2014.01) H04N 19/82 (2014.01) H04N 19/85 (2014.01) G06N 3/08 (2023.01) G06T 9/00 (2006.01)

- [25] EN
- [54] DEVICE AND METHOD FOR AI-BASED FILTERING OF IMAGE
- [54] DISPOSITIF ET PROCEDE DE FILTRAGE D'IMAGE FAISANT APPEL A UNE IA
- [72] PIAO, YINJI, KR
- [72] KIM, KYUNGAH, KR
- [72] DINH, QUOCKHANH, KR
- [72] PARK, MINSOO, KR
- [71] SAMSUNG ELECTRONICS CO., LTD., KR
- [85] 2024-01-15
- [86] 2022-08-02 (PCT/KR2022/011429)
- [87] (WO2023/014065)
- [30] KR (10-2021-0104202) 2021-08-06
- [30] KR (10-2022-0028221) 2022-03-04

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[51] Int.Cl. G06Q 20/08 (2012.01)

[25] EN

[54] SUBSCRIPTION METRIC GENERATION FROM STORAGE-EFFICIENT SUBSCRIPTION CHARGE SEGMENT CHANGE LOGS

- [54] GENERATION DE METRIQUE D'ABONNEMENT A PARTIR DE JOURNAUX DE MODIFICATION DE SEGMENT DE FRAIS D'ABONNEMENT A STOCKAGE EFFICACE
- [72] LIU, WEI, CN
- [71] ZUORA, INC., US
- [85] 2024-01-15
- [86] 2022-06-17 (PCT/US2022/033959)
- [87] (WO2023/287547)
- [30] US (63/222,283) 2021-07-15
- [30] US (17/831,322) 2022-06-02

[21] 3,226,756
[13] A1

- [51] Int.Cl. H04L 69/22 (2022.01) H04L 43/18 (2022.01)
- [25] FR
- [54] METHOD AND SYSTEM FOR ANALYSING DATA FLOWS
- [54] PROCEDE ET SYSTEME D'ANALYSE DE FLUX DE DONNEES
- [72] COURVOISIER, FRANCOIS, FR
- [72] LE PICARD, FREDERIC, FR
- [71] NANO CORP., FR
- [85] 2024-01-23
- [86] 2022-09-07 (PCT/EP2022/074915)
- [87] (WO2023/036846)
- [30] FR (FR2109379) 2021-09-07

[21] 3,226,757
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- [51] Int.Cl. C07C 5/333 (2006.01) C07C 11/06 (2006.01)
- [25] EN
- [54] METHOD AND SYSTEM FOR LIGHT OLEFIN GENERATION WITH HIGH YIELDS AND SELECTIVITY
- [54] PROCEDE ET SYSTEME DE GENERATION D'OLEFINES LEGERES AVEC DES RENDEMENTS ET UNE SELECTIVITE ELEVES
- [72] MADUSKAR, SAURABH S., US
- [72] KUECHLER, KEITH H., US
- [72] BAO, XIAOYING, US
- [71] EXXONMOBIL CHEMICAL PATENTS INC., US
- [85] 2024-01-15
- [86] 2022-07-05 (PCT/US2022/036093)
- [87] (WO2023/287606)
- [30] US (63/222,733) 2021-07-16
- [30] US (63/329,006) 2022-04-08

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[51] Int.Cl. A41D 31/08 (2019.01) D03D 15/513 (2021.01) A62B 17/00 (2006.01) D02G 3/44 (2006.01) D03D 1/00 (2006.01)

- [25] EN
- [54] FLAME RESISTANT FABRICS
- [54] TISSUS IGNIFUGES
- [72] SELF, ROBERT, US
- [72] PICKERING, KEITH EDWARD, US
- [71] SOUTHERN MILLS, INC., US
- [85] 2024-01-23
- [86] 2022-08-10 (PCT/US2022/039918)
- [87] (WO2023/018771)
- [30] US (63/231,528) 2021-08-10

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<p>[21] 3,226,760 [13] A1</p> <p>[51] Int.Cl. H04L 43/18 (2022.01) H04L 43/02 (2022.01) H04L 43/04 (2022.01)</p> <p>[25] FR</p> <p>[54] METHOD AND SYSTEM FOR MONITORING AND MANAGING DATA TRAFFIC</p> <p>[54] PROCEDE ET SYSTEME DE SURVEILLANCE ET GESTION DU TRAFIC DE DONNEES</p> <p>[72] COURVOISIER, FRANCOIS, FR</p> <p>[72] LE PICARD, FREDERIC, FR</p> <p>[71] NANO CORP., FR</p> <p>[85] 2024-01-23</p> <p>[86] 2022-09-07 (PCT/EP2022/074918)</p> <p>[87] (WO2023/036847)</p> <p>[30] FR (FR2109380) 2021-09-07</p> <p>[30] EP (PCT/EP2022/074915) 2022-09-07</p>

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- [51] Int.Cl. C07K 16/28 (2006.01)
 - [25] EN
 - [54] METHODS FOR TREATING CHRONIC SPONTANEOUS URTICARIA BY ADMINISTERING AN IL-4R ANTAGONIST
 - [54] METHODES DE TRAITEMENT DE L'URTICAIRE SPONTANEE CHRONIQUE PAR ADMINISTRATION D'UN ANTAGONISTE DE L'IL-4R
 - [72] AMIN, NIKHIL, US
 - [72] LAWS, ELIZABETH, FR
 - [72] MANNENT, LEDA, FR
 - [72] RADIN, ALLEN, US
 - [72] STJEPANOVIC, ALEKSANDRA, FR
 - [72] PATEL, NAIMISH, US
 - [72] STAUDINGER, HERIBERT, US
 - [71] SANOFI BIOTECHNOLOGY, FR
 - [71] REGENERON PHARMACEUTICALS, INC., US
 - [85] 2024-01-23
 - [86] 2022-07-25 (PCT/US2022/038185)
 - [87] (WO2023/009437)
 - [30] US (63/225,716) 2021-07-26
 - [30] US (63/240,734) 2021-09-03
 - [30] US (63/313,041) 2022-02-23
 - [30] EP (22315049.1) 2022-03-04
 - [30] US (63/353,654) 2022-06-20
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- [51] Int.Cl. C08K 5/06 (2006.01) C08K 5/132 (2006.01) H01B 3/28 (2006.01)
- [25] EN
- [54] POLYOLEFIN FORMULATION CONTAINING COMBINATION OF VOLTAGE STABILIZER COMPOUNDS
- [54] FORMULATION DE POLYOLEFINES CONTENANT UNE COMBINAISON DE COMPOSES STABILISANTS DE TENSION
- [72] MWASAME, PAUL M., US
- [72] YU, XINDI, US
- [72] YU, DECAI, US
- [72] MUKHOPADHYAY, SUKRIT, US
- [72] RAO, YUANQIAO, US
- [72] COGEN, JEFFREY M., US
- [72] PERSON, TIMOTHY J., US
- [71] DOW GLOBAL TECHNOLOGIES LLC, US
- [71] ROHM AND HAAS COMPANY, US
- [85] 2024-01-23
- [86] 2022-08-01 (PCT/US2022/039004)
- [87] (WO2023/014631)
- [30] US (63/229,331) 2021-08-04

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[13] A1

- [51] Int.Cl. A63B 21/00 (2006.01) A63B 21/002 (2006.01) A63B 3/00 (2006.01)
 - [25] EN
 - [54] LOCKING MECHANISM FOR SIMULTANEOUSLY POSITIONING AN EXERCISE ARM IN TWO PERPENDICULAR DIRECTIONS
 - [54] MECANISME DE VERROUILLAGE POUR POSITIONNER SIMultanement UN BRAS D'EXERCICE DANS DEUX DIRECTIONS PERPENDICULAIRES
 - [72] MEREDITH, JEFFREY O., US
 - [71] HOIST FITNESS SYSTEMS, INC., US
 - [85] 2024-01-15
 - [86] 2022-08-03 (PCT/US2022/039306)
 - [87] (WO2023/014811)
 - [30] US (63/230,267) 2021-08-06
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[13] A1

- [51] Int.Cl. F02C 7/22 (2006.01) F02C 7/232 (2006.01)
- [25] EN
- [54] IMPROVED METHOD FOR ESTIMATING AND SETTING EXHAUST PURGE TIME IN A COMBUSTION SYSTEM AND COMBUSTION SYSTEM THEREOF
- [54] PROCEDE AMELIORE D'ESTIMATION ET DE REGLAGE DU TEMPS DE PURGE D'ECHAPPEMENT DANS UN SYSTEME DE COMBUSTION ET SYSTEME DE COMBUSTION ASSOCIE
- [72] OUARTIERI, EUGENIO, IT
- [72] TONNO, GIOVANNI, IT
- [71] NUOVO PIGNONE TECNOLOGIE - S.R.L., IT
- [85] 2024-01-23
- [86] 2022-07-28 (PCT/EP2022/025359)
- [87] (WO2023/011763)
- [30] IT (102021000021071) 2021-08-04

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[13] A1

- [51] Int.Cl. A61K 9/107 (2006.01) A61K 31/01 (2006.01) A61K 31/015 (2006.01) A61K 31/045 (2006.01) A61K 31/05 (2006.01) A61K 31/192 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01) G01N 33/00 (2006.01) G01N 33/94 (2006.01)
 - [25] EN
 - [54] METHODS AND COMPOSITIONS FOR MICROENCAPSULATED COMPOUNDS
 - [54] PROCEDES ET COMPOSITIONS POUR COMPOSES MICRO-ENCAPSULES
 - [72] KLEIDON, WILLIAM, US
 - [71] OJAI ENERGETICS PBC, US
 - [85] 2024-01-23
 - [86] 2022-07-22 (PCT/US2022/038081)
 - [87] (WO2023/004160)
 - [30] US (63/224,887) 2021-07-23
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- [51] Int.Cl. H01M 8/04298 (2016.01) B60L 58/30 (2019.01) B60L 58/31 (2019.01)
- [25] EN
- [54] FUEL CELL AUXILIARY POWER GENERATION SYSTEM FOR A VEHICLE
- [54] SYSTEME DE PRODUCTION D'ENERGIE AUXILIAIRE DE PILE A COMBUSTIBLE POUR VEHICULE
- [72] SPRINGER, TIMOTHY, US
- [72] JORGENSEN, JOEL, US
- [71] BWR INNOVATIONS LLC, US
- [85] 2024-01-23
- [86] 2021-08-25 (PCT/US2021/047451)
- [87] (WO2023/018425)
- [30] US (17/401,704) 2021-08-13

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- [51] Int.Cl. A23P 30/20 (2016.01) B29C 48/30 (2019.01)
- [25] FR
- [54] SYSTEM FOR THE CONTINUOUS PREPARATION OF A FOOD PRODUCT EXTRUDED FROM A PROTEIN-RICH AND WATER-RICH MATERIAL
- [54] SYSTEME DE PREPARATION EN CONTINU D'UN PRODUIT ALIMENTAIRE EXTRUDE A PARTIR D'UNE MATIERE RICHE EN PROTEINES ET EN EAU
- [72] DANOS, LIONEL, FR
- [72] ASENSIO, LUIS, FR
- [72] MOTTAZ, JEROME, FR
- [71] CLEXTRAL, FR
- [85] 2024-01-23
- [86] 2022-07-26 (PCT/EP2022/070887)
- [87] (WO2023/006713)
- [30] FR (FR2108134) 2021-07-27

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- [51] Int.Cl. B63B 39/06 (2006.01) B63B 79/10 (2020.01) B63B 39/14 (2006.01) B63H 21/21 (2006.01)
- [25] EN
- [54] DYNAMIC ACTIVE CONTROL SYSTEM WITH ENGINE CONTROL
- [54] SYSTEME DE COMMANDE ACTIVE DYNAMIQUE A COMMANDE DE MOTEUR
- [72] GALLAGHER, MICHAEL, US
- [72] SEMPREVIVO, ANDREW, US
- [72] ADAMS, JOHN, US
- [71] SEAKEEPER, INC., US
- [85] 2024-01-23
- [86] 2022-07-23 (PCT/US2022/038102)
- [87] (WO2023/004178)
- [30] US (63/225,291) 2021-07-23
- [30] US (17/871,861) 2022-07-22

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[13] A1

- [51] Int.Cl. A01H 1/04 (2006.01) A01H 5/10 (2018.01) C12N 15/29 (2006.01) C12Q 1/68 (2018.01)
- [25] EN
- [54] METHODS AND COMPOSITIONS RELATING TO MAINTAINER LINES FOR MALE-STERILITY
- [54] PROCEDES ET COMPOSITIONS SE RAPPORTANT A DES LIGNEES DE MAINTENEURS POUR LA STERILITE MALE
- [72] MILNER, MATTHEW JOHN, GB
- [72] KEELING, ANTHONY GORDON, GB
- [71] ELSOMS DEVELOPMENTS LIMITED, GB
- [85] 2024-01-23
- [86] 2022-07-26 (PCT/US2022/074126)
- [87] (WO2023/009993)
- [30] US (63/225,686) 2021-07-26
- [30] US (63/232,735) 2021-08-13
- [30] US (63/279,275) 2021-11-15
- [30] US (63/321,392) 2022-03-18

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[13] A1

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- [25] EN
- [54] MULTIPARTICULATE PHARMACEUTICAL COMPOSITION
- [54] COMPOSITION PHARMACEUTIQUE MULTIPARTICULAIRE
- [72] RIDHURKAR, DEVENDRA, ES
- [72] UBEDA PEREZ, CARMEN, ES
- [72] DIEZ MARTIN, IGNACIO, ES
- [71] NEURAXPHARM PHARMACEUTICALS, S.L., ES
- [85] 2024-01-23
- [86] 2022-07-22 (PCT/EP2022/070585)
- [87] (WO2023/002004)
- [30] EP (21382672.0) 2021-07-23

[21] 3,226,800
[13] A1

- [51] Int.Cl. A01N 63/32 (2020.01) A01N 63/60 (2020.01)
- [25] EN
- [54] RNA-BASED CONTROL OF BOTRYTIS
- [54] LUTTE CONTRE BOTRYTIS AU MOYEN D'ARN
- [72] MCCORKLE, KESTREL, US
- [72] LAWRENCE, CHRISTOPHER, US
- [72] DEVSETTY, UPENDRA KUMAR, US
- [72] MISHRA, SAMBIT KUMAR, US
- [72] CULLEY, DAVID, US
- [72] SRIDHARAN, KRISHNAKUMAR, US
- [72] FANG, YUFENG, US
- [71] GREENLIGHT BIOSCIENCES, INC., US
- [85] 2024-01-23
- [86] 2022-07-26 (PCT/US2022/074168)
- [87] (WO2023/010022)
- [30] US (63/225,758) 2021-07-26

[21] 3,226,801
[13] A1

- [51] Int.Cl. A61B 10/02 (2006.01) A61M 25/10 (2013.01)
- [25] EN
- [54] CATHETER STATUS INDICATOR AND METHODS OF USE
- [54] INDICATEUR D'ETAT DE CATHETER ET PROCEDES D'UTILISATION
- [72] BOUTILLETTE, MICHAEL, US
- [72] AKLOG, LISHAN, US
- [72] DEGUZMAN, BRIAN J., US
- [72] YAZBECK, RICHARD, US
- [72] O'NEILL, STEPHEN J., US
- [72] CRUZ, AMOS G., US
- [72] FRICKS, JULIAN, US
- [71] PAVMED INC., US
- [85] 2024-01-23
- [86] 2022-07-26 (PCT/US2022/074148)
- [87] (WO2023/010006)
- [30] US (63/203,601) 2021-07-27

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[21] 3,226,802

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 - [25] EN
 - [54] **SEAMLESS VOICE CALL INITIATION**
 - [54] **LANCEMENT D'UN APPEL VOCAL SANS DISCONTINUITÉ**
 - [72] RAHMAN, MUHAMMAD TAWHIDUR, US
 - [71] T-MOBILE USA, INC., US
 - [85] 2024-01-23
 - [86] 2022-07-22 (PCT/US2022/038085)
 - [87] (WO2023/004164)
 - [30] US (17/384,583) 2021-07-23
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- [54] **SEPARATION DE VIRUS ADENO-ASSOCIE SUR UN ECHANGEUR DE CATIONS**
- [72] FIEDLER, CHRISTIAN, AT
- [72] MITTERGRADNEGGER, DOMINIK, AT
- [72] HASSLACHER, MEINHARD, AT
- [72] GATTERNIG, THOMAS, AT
- [72] VASINA, DANIELA, AT
- [72] FELDHOFER, MICHAEL, AT
- [72] PFANDL, RENATE, AT
- [71] TAKEDA PHARMACEUTICALS COMPANY LIMITED, JP
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- [30] US (63/229,303) 2021-08-04

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 - [25] EN
 - [54] **IMPLANTABLE STIMULATOR WITH AN ELECTRODE ARRAY, CONFORMABLE SUBSTRATE, AND MECHANICAL STRAIN RELIEF**
 - [54] **STIMULATEUR IMPLANTABLE AVEC RESEAU D'ELECTRODES, SUBSTRAT CONCORDANT ET ATTENUATION DES CONTRAINTES MECANIQUES**
 - [72] MARTENS, HUBERT CECILE FRANCOIS, NL
 - [72] SCHOBEN, DANIEL WILLEM ELISABETH, NL
 - [72] VAN DER ZALM, MAARTJE, NL
 - [72] BOERE, STIJN, NL
 - [71] SALVIA BIOELECTRONICS B.V., NL
 - [85] 2024-01-23
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 - [87] (WO2023/026216)
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- [54] **PARAXANTHINE-BASED CAFFEINE SUBSTITUTE COMPOSITIONS AND METHOD OF USE THEREOF IN SLOW CAFFEINE METABOLIZERS**
- [54] **COMPOSITIONS DE SUBSTITUTION DE CAFEINE A BASE DE PARAXANTHINE ET METHODE ASSOCIEE D'UTILISATION CHEZ DES SUJETS A METABOLISME CAFEIQUE LENT**
- [72] JAGER, RALF, US
- [72] PURPURA, MARTIN, US
- [72] WELLS, SHAWN D., US
- [72] LIAO, KYLIN, US
- [71] PX ING, LLC, US
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- [87] (WO2023/009655)
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 - [54] **RNA VACCINES**
 - [54] **VACCINS A ARN**
 - [72] MATSUDA, DAIKI, US
 - [72] SULLIVAN, SEAN MICHAEL, US
 - [72] TACHIKAWA, KIYOSHI, US
 - [72] CHIVUKULA, PADMANABH, US
 - [72] KARMALI, PRIYA PRAKASH, US
 - [72] BAO, YANJIE, US
 - [72] SAGI, AMIT, US
 - [72] MUKTHAVARAM, RAJESH, US
 - [71] ARCTURUS THERAPEUTICS, INC., US
 - [85] 2024-01-23
 - [86] 2022-07-29 (PCT/US2022/074337)
 - [87] (WO2023/010128)
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- [25] EN
- [54] **BIOACTIVE COMPOSITIONS AND METHODS OF USE THEREOF**
- [54] **COMPOSITIONS BIOACTIVES ET PROCEDES D'UTILISATION DE CELLES-CI**
- [72] JAGER, RALF, US
- [72] PURPURA, MARTIN, US
- [72] WELLS, SHAWN, US
- [72] LIAO, KYLIN, US
- [71] PX ING, LLC, US
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 [25] EN
 [54] COMPOSITIONS FOR AND METHODS OF INHIBITING SARS-COV2 INFECTION
 [54] COMPOSITIONS ET PROCEDES D'INHIBITION D'UNE INFECTION AU SARS-COV-2
 [72] OLALEYE, OMONIKE A., US
 [71] TEXAS SOUTHERN UNIVERSITY, US
 [85] 2024-01-24
 [86] 2021-08-13 (PCT/US2021/046024)
 [87] (WO2022/036272)
 [30] US (63/065,401) 2020-08-13
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 [25] EN
 [54] MEMORY POOLING IN HIGH-PERFORMANCE NETWORK MESSAGING ARCHITECTURE
 [54] REGROUPEMENT DE MEMOIRE DANS UNE ARCHITECTURE DE MESSAGERIE DE RESEAU A HAUTE PERFORMANCE
 [72] TESSE, ERIC, US
 [71] CHARLES SCHWAB & CO., INC., US
 [85] 2024-01-15
 [86] 2022-07-19 (PCT/US2022/037561)
 [87] (WO2023/003855)
 [30] US (17/379,269) 2021-07-19

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 [25] EN
 [54] TWO-STAGE CATALYTIC HEATING SYSTEMS AND METHODS OF OPERATING THEREOF
 [54] SYSTEMES DE CHAUFFAGE CATALYTIQUE A DEUX ETAGES ET LEURS PROCEDES DE FONCTIONNEMENT
 [72] KALIKA, VLAD, US
 [71] PROOF ENERGY INC., US
 [85] 2024-01-15
 [86] 2022-07-15 (PCT/US2022/073779)
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 [25] EN
 [54] MEDICAL DEVICE CONTROL MECHANISM AND METHODS OF USE
 [54] MECANISME DE COMMANDE DE DISPOSITIF MEDICAL ET PROCEDES D'UTILISATION
 [72] WALAK, STEVEN E., US
 [72] STANFORD, BRIDGET, US
 [72] KHANCHANDANI, PRIYA VASDEV, US
 [72] O'SHAUGHNESSY, SEAMUS FINBARR, US
 [72] ZUPKOFSKA, MICHAEL E., US
 [72] BOURASSA, HEATHER, US
 [71] BOSTON SCIENTIFIC SCIMED, INC., US
 [85] 2024-01-16
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 [30] US (63/228,866) 2021-08-03

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 [25] EN
 [54] PROCESS FOR MANUFACTURING FIBER BOARDS WITH REDUCED VOC EMISSIONS
 [54] PROCEDE DE FABRICATION DE PANNEAUX DE FIBRES A EMISSIONS DE COV REDUITES
 [72] BUNGERT, BERND, DE
 [72] HEINE, THOMAS, DE
 [72] SCHWENDY, MARTIN, DE
 [72] DUMICHEN, CHRISTIAN, DE
 [72] HENNIG, ANDRE, DE
 [71] FIBERBOARD GMBH, DE
 [85] 2024-01-16
 [86] 2022-07-21 (PCT/EP2022/070535)
 [87] (WO2023/001978)
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 [25] EN
 [54] DEVICES, SYSTEMS AND METHODS FOR AUTONOMOUSLY MONITORING CUSTOMER USE OF EQUIPMENT & BILLING VIA A BLOCKCHAIN NETWORK
 [54] DISPOSITIFS, SYSTEMES ET PROCEDES DE SURVEILLANCE AUTONOME D'USAGE PAR DES CLIENTS D'EQUIPEMENT ET DE FACTURATION D'EQUIPEMENT VIA UN RESEAU DE CHAINE DE BLOCS
 [72] BURNETTE, BLAKE, US
 [72] BROOKS, BRAD, US
 [72] ZULOAGA, INIAKI, US
 [72] GUERRERO, JOSE, US
 [71] IOT-EQ, LLC, US
 [85] 2024-01-16
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 [87] (WO2023/288317)
 [30] US (63/222,787) 2021-07-16
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- [25] EN
- [54] VIEW SYNTHESIS SYSTEM AND METHOD USING DEPTH MAP
- [54] SYSTEME ET PROCEDE DE SYNTHESE DE VUE UTILISANT UNE CARTE DE PROFONDEUR
- [72] SUPRUN, VADYM, CA
- [71] LEIA INC., US
- [85] 2024-01-16
- [86] 2022-07-28 (PCT/US2022/038731)
- [87] (WO2023/014576)
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- [25] EN
- [54] STORED ELASTOMER COMPOSITES
- [54] COMPOSITES ELASTOMERES STOCKES
- [72] DHAVALA, PRACHI A., US
- [72] DOSHI, DHAVAL A., US
- [71] BEYOND LOTUS LLC, US
- [85] 2024-01-16
- [86] 2022-07-19 (PCT/US2022/037571)
- [87] (WO2023/003865)
- [30] US (63/223,772) 2021-07-20
- [30] US (63/352,501) 2022-06-15

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- [51] Int.Cl. C25B 1/04 (2021.01) C25B 9/17 (2021.01) C25B 15/023 (2021.01) C25B 15/08 (2006.01)
- [25] EN
- [54] METHOD FOR OPERATING AN ELECTROLYSIS PLANT, AND ELECTROLYSIS PLANT
- [54] PROCEDE D'EXPLOITATION D'UNE INSTALLATION D'ELECTROLYSE ET INSTALLATION D'ELECTROLYSE
- [72] CHOI, DU-FHAN, DE
- [72] UNGERER, MARKUS, DE
- [72] WALL, DIRK, DE
- [72] WOLF, ERIK, DE
- [71] SIEMENS ENERGY GLOBAL GMBH & CO. KG, DE
- [85] 2024-01-17
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- [51] Int.Cl. C25B 1/04 (2021.01) C25B 9/19 (2021.01) C25B 15/023 (2021.01) C25B 15/08 (2006.01)
- [25] EN
- [54] METHOD FOR OPERATING AN ELECTROLYSIS PLANT, AND ELECTROLYSIS PLANT
- [54] PROCEDE DE MISE EN □UVRE D'UNE INSTALLATION D'ELECTROLYSE ET INSTALLATION D'ELECTROLYSE
- [72] CHOI, DU-FHAN, DE
- [72] UNGERER, MARKUS, DE
- [72] WALL, DIRK, DE
- [71] SIEMENS ENERGY GLOBAL GMBH & CO. KG, DE
- [85] 2024-01-17
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- [25] EN
- [54] CHOCOLATE REPLICAS PRODUCED FROM INDIVIDUAL COMPONENTS
- [54] REPLIQUES DE CHOCOLAT PRODUITES A PARTIR DE COMPOSANTS INDIVIDUELS
- [72] TENNEY, KELSEY, US
- [72] MAXWELL, ADAM, US
- [72] BESWICK, ETHAN CHARLES, US
- [72] RYO, SAMUEL, SG
- [72] SAAD, DANIEL ASSAD, US
- [72] LEE, ALEC KREMONIC, US
- [72] CHUA, MARDONN CARL, US
- [72] HEAD, BRANDON, US
- [71] VOYAGE FOODS, INC., US
- [85] 2024-01-16
- [86] 2022-07-15 (PCT/US2022/037270)
- [87] (WO2023/288050)
- [30] US (63/222,917) 2021-07-16

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- [51] Int.Cl. A23J 3/14 (2006.01) A23L 13/40 (2023.01) A23L 29/206 (2016.01) A23C 9/13 (2006.01) A23C 9/154 (2006.01)
- [25] EN
- [54] PEA AND RAPESEED PROTEIN ISOLATE
- [54] ISOLAT DE PROTEINES DE POIS ET DE COLZA
- [72] SCHEFFELAAR, MAX HANS, NL
- [72] ABELLO, NICOLAS JEAN-ROBERT, NL
- [72] SEIN, ARJEN, NL
- [71] DSM IP ASSETS B.V., NL
- [85] 2024-01-17
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- [87] (WO2022/200639)
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[25] EN

[54] METHOD FOR PREPARING COATED SUBSTRATES COATED SUBSTRATE AND THE USE THEREOF

[54] PROCEDE DE PRODUCTION DE SUBSTRATS REVETUS, SUBSTRAT REVETU ET UTILISATION ASSOCIEE

[72] SCHUCK, KEVIN, DE

[72] REIMANN, CHRISTIAN, DE

[72] LANG, MICHAEL, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

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[87] (WO2023/012103)

[30] EP (21189486.0) 2021-08-03

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[13] A1

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C07B 61/00 (2006.01) C07D 213/73
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[54] METHOD FOR PRODUCING ARYLAamide DERIVATIVE

[54] PROCEDE DE PRODUCTION D'UN DERIVE ARYLAamide

[72] KUWATA, KAZUAKI, JP

[72] SOMEYA, HIDEHISA, JP

[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP

[85] 2024-01-17

[86] 2022-07-20 (PCT/JP2022/028187)

[87] (WO2023/003014)

[30] JP (2021-120977) 2021-07-21

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[25] EN

[54] A METHOD FOR PREPARING COATED SUBSTRATES, A COATED SUBSTRATE AND USE THEREOF

[54] PROCEDE DE PRODUCTION DE SUBSTRATS REVETUS, SUBSTRAT REVETU ET UTILISATION ASSOCIEE

[72] SCHUCK, KEVIN, DE

[72] REIMANN, CHRISTIAN, DE

[72] FRIEDRICH, JOCHEN, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

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[87] (WO2023/012106)

[30] EP (21189477.9) 2021-08-03

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[51] Int.Cl. A61M 1/16 (2006.01) A61J
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A61L 2/00 (2006.01) A61M 1/28
(2006.01) C02F 1/66 (2006.01) C02F
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[54] MEDICAL FLUID DRAIN CONTAINERS AND RELATED SYSTEMS AND METHODS

[54] RECIPIENTS DE DRAINAGE DE FLUIDE MEDICAL ET SYSTEMES ET PROCEDES ASSOCIES

[72] YUDS, DAVID, US

[72] YI, JUN, US

[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US

[85] 2024-01-17

[86] 2022-07-22 (PCT/US2022/037976)

[87] (WO2023/009389)

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[54] PROCEDE DE FABRICATION DE SUBSTRATS REVETUS, SUBSTRAT REVETU ET SON UTILISATION

[72] SCHUCK, KEVIN, DE

[72] STURM, FELIX, DE

[72] REIMANN, CHRISTIAN, DE

[72] FRIEDRICH, JOCHEN, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

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[87] (WO2023/012108)

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[51] Int.Cl. G06K 19/077 (2006.01) H01Q
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[54] RFID LABEL FOR ATTACHMENT TO METALLIC ITEMS

[54] ETIQUETTE RFID POUR FIXATION A DES ARTICLES METALLIQUES

[72] WEAKLEY, THOMAS, US

[71] CHECKPOINT SYSTEMS, INC., US

[85] 2024-01-17

[86] 2023-06-22 (PCT/US2023/025925)

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 - [25] EN
 - [54] COMPOSITIONS WITH MICROENCAPSULATED ACETAMIDE AND METAL-CHELATED MESOTRIONE
 - [54] COMPOSITIONS A ACETAMIDE MICRO-ENCAPSULE ET MESOTRIONE CHELATEE PAR METAL
 - [72] ZHANG, JUNHUA, US
 - [71] MONSANTO TECHNOLOGY LLC, US
 - [85] 2024-01-16
 - [86] 2022-07-15 (PCT/US2022/037263)
 - [87] (WO2023/003765)
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- [25] EN
- [54] GRAPHENE NANOPLAQUELET BATTERIES, APPARATUS, AND COMPOSITIONS
- [54] BATTERIES DE NANOPLAQUETTES DE GRAPHENE, APPAREIL ET COMPOSITIONS
- [72] SOON-SHIONG, PATRICK, US
- [72] CESAREO, GIULIO GIUSEPPE, IT
- [72] RIZZI, LAURA GIORGIA, IT
- [71] NANT HOLDINGS IP, LLC, US
- [71] DIRECTA PLUS, S.P.A., IT
- [85] 2024-01-17
- [86] 2022-07-27 (PCT/US2022/038472)
- [87] (WO2023/009594)
- [30] US (63/226,116) 2021-07-27
- [30] US (63/228,557) 2021-08-02
- [30] US (63/274,791) 2021-11-02

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 - [54] METHODE DE TRAITEMENT DE MALADIES VIRALES VETERINAIRES
 - [72] MURRAY, EDWARD, US
 - [72] WARRASS, RALF, DE
 - [72] ULLRICH, JOACHIM, DE
 - [72] NAGARAJ, BASAV HANGALAPURA, NL
 - [72] HUISMAN, WILLEM, NL
 - [71] INTERVET INTERNATIONAL B.V., NL
 - [85] 2024-01-18
 - [86] 2022-08-05 (PCT/EP2022/072074)
 - [87] (WO2023/012329)
 - [30] EP (21190172.3) 2021-08-06
 - [30] EP (22185716.2) 2022-07-19
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- [25] EN
- [54] LOW-PIM DUAL PIPE CLAMP FOR CELLULAR BASE STATION ANTENNA SITES
- [54] DOUBLE BRIDE DE SERRAGE A FAIBLE PIM POUR SITES D'ANTENNE DE STATION DE BASE CELLULAIRE
- [72] STRISHOCK, WAYNE, US
- [71] CONCEALFAB, INC., US
- [85] 2024-01-16
- [86] 2022-06-14 (PCT/US2022/033503)
- [87] (WO2023/027796)
- [30] US (63/236,372) 2021-08-24

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 - [25] EN
 - [54] METHODS AND SYSTEMS FOR SELECTIVE PLAYBACK AND ATTENUATION OF AUDIO BASED ON USER PREFERENCE
 - [54] PROCEDES ET SYSTEMES DE LECTURE ET D'ATTENUATION SELECTIVES D'UN AUDIO SUR LA BASE D'UNE PREFERENCE D'UTILISATEUR
 - [72] CHANDRASHEKAR, PADMASSRI, IN
 - [72] EMMANUEL, DAINA, IN
 - [72] HARB, REDA, US
 - [72] PAREKH, JAYSHIL, IN
 - [71] ROVI GUIDES, INC., US
 - [85] 2024-01-16
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- [54] COMPRESSION DE GAZ DANS UNE REDUCTION DIRECTE A BASE D'HYDROGÈNE
- [72] MILLNER, ROBERT, AT
- [72] SATTLER, HANS THOMAS, AT
- [71] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT
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- [25] EN
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- [54] TRAITEMENT DE RESIDUS DE LIXIVIATION DE ZINC
- [72] BURROWS, ALISTAIR STEWART, KZ
- [72] USHKOV, LEONID ALBERTOVICH, KZ
- [72] AZEKENOV, TURARBEK ANARBEKOVICH, KZ
- [71] GLENCORE TECHNOLOGY PTY LIMITED, AU
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- [25] EN
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- [54] REGLAGE DE GUIDAGE POUR AFFICHEUR GRAPHIQUE DE MODULE COMPAGNON
- [72] MADONNA, ROBERT P., US
- [72] CALLAN, WILSON D., US
- [72] LAWRENCE, CHRISTOPHER, US
- [71] SAVANT SYSTEMS, INC., US
- [85] 2024-01-17
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- [54] OUTIL AYANT UN MARQUEUR OU UNE ETIQUETTE SANS FIL DETECTABLE
- [72] GOGUEN, GARY P., US
- [71] DEXTER-RUSSELL, INC., US
- [85] 2024-01-18
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- [25] EN
- [54] CANCER THERAPY WITH LIVE ATTENUATED BACTERIA
- [54] THERAPIE ANTI-CANCEREUSE AVEC DES BACTERIES ATTENUEES VIVANTES
- [72] DEBAN, LIVIJA, GB
- [72] GLANVILLE, NICHOLAS, GB
- [71] PROKARIUM LIMITED, GB
- [85] 2024-01-16
- [86] 2022-07-28 (PCT/EP2022/071198)
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- [25] EN
- [54] GENERATION OF CHIMERIC ANTIGEN RECEPTOR mRNA MOLECULES FOR EXPRESSION IN PRIMARY NK CELLS
- [54] GENERATION DE MOLECULES D'ARNm DE RECEPTEUR ANTIGENIQUE CHIMERIQUE POUR L'EXPRESsION DANS DES CELLULES NK PRIMAIRES
- [72] PARVIZ, FERESHTEH, US
- [71] IMMUNITYBIO, INC., US
- [85] 2024-01-17
- [86] 2022-07-14 (PCT/US2022/073727)
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- [54] DOSE REGIMEN FOR LONG-ACTING GLP1/GLUCAGON RECEPTOR AGONISTS
- [54] SCHEMA POSOLOGIQUE POUR AGONISTES DU RECEPTEUR GLP1/GLUCAGON A ACTION PROLONGEE
- [72] DESCH, MICHAEL, DE
- [72] HENNIGE, ANITA MAGDALENA, DE
- [72] SCHOELCH, CORINNA ISABEL, DE
- [72] THAMER, CLAUS, DE
- [72] BERGSTRAND, JAN PER MARTIN, SE
- [71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
- [85] 2024-01-16
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- [25] EN
- [54] PEPTIDES FOR ANTI FIBROTIC THERAPY
- [54] PEPTIDES POUR UNE THERAPIE ANTI-FIBROSE
- [72] KREPINSKY, JOAN, CA
- [72] TRINK, JACKIE, CA
- [71] MCMASTER UNIVERSITY, CA
- [85] 2024-01-18
- [86] 2022-07-22 (PCT/CA2022/051139)
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- [25] EN
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- [54] COMPOSITIONS EDULCORANTES ET LEURS PROCEDES DE PRODUCTION
- [72] O'HARA, STEPHEN, GB
- [72] KOLIDA, SOFIA, GB
- [71] OPTIBIOTIX LIMITED, GB
- [85] 2024-01-16
- [86] 2022-09-02 (PCT/GB2022/052252)
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- [25] EN
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- [54] SEL D'ULODESINE
- [72] HAN, YAO, CH
- [72] CHAI, XIANFENG, CH
- [72] LIU, JUAN, CH
- [72] LUO, QIUHONG, CH
- [72] MEHRLING, THOMAS, CH
- [71] LAEVOROC IMMUNOLOGY AG, CH
- [85] 2024-01-18
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- [51] Int.Cl. C12M 1/00 (2006.01)
- [25] EN
- [54] BIOREACTOR INTERFACE PLATE
- [54] PLAQUE D'INTERFACE DE BIOREACTEUR
- [72] VERAITCH, FARLAN, GB
- [72] RAIMES, WILLIAM, GB
- [72] HOOLE, MARTIN, GB
- [72] PALMER, JASON, GB
- [72] HARDING, NICHOLAS, GB
- [72] FRASER, HECTOR, GB
- [71] ORIBIOTECH LTD, GB
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- [86] 2022-07-27 (PCT/GB2022/051967)
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- [25] EN
- [54] BATTERY MODULE FOR AN ELECTRICALLY-DRIVEN AIRCRAFT, METHOD FOR MANUFACTURING A BATTERY MODULE AND ELECTRICALLY-DRIVEN AIRCRAFT POWERED BY A BATTERY MODULE

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- [54] MODULE DE BATTERIE POUR AERONEF A PROPULSION ELECTRIQUE, PROCEDE DE FABRICATION DE MODULE DE BATTERIE ET AERONEF A PROPULSION ELECTRIQUE ALIMENTE PAR UN MODULE DE BATTERIE
- [72] DEMONT, SEBASTIEN, CH
- [72] SUMMERMATTER, FRANCO, CH
- [72] LUISIER, SEBASTIEN, CH
- [72] GUZMAN ROCA, EDUARDO, CH
- [72] DIAZ, DANIEL, CH
- [72] BERTINI, GIANMICHELE, IT
- [71] H55 SA, CH
- [85] 2024-01-16
- [86] 2022-03-17 (PCT/IB2022/052444)
- [87] (WO2023/285882)
- [30] US (17/377,995) 2021-07-16
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[13] A1

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- [25] EN
- [54] A MICROFLUIDIC IMPEDANCE CYTOMETRY APPARATUS
- [54] APPAREIL DE CYTOMETRIE D'IMPEDANCE MICROFLUIDIQUE
- [72] ABBASI, USAMA AHMED, IN
- [72] M, NITIN C, IN
- [72] KUMAR, SUSHANT, IN
- [72] JAIN, PRAKHAR, IN
- [71] PRATIMESH LABS PVT. LTD., IN
- [85] 2024-01-18
- [86] 2023-05-07 (PCT/IN2023/050440)
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- [25] EN
- [54] MILKING DEVICE
- [54] DISPOSITIF DE TRAITE
- [72] VAN EEDEN, BART, NL
- [72] FRANCK, MALOUK MARIA, NL
- [72] MOSTERT, GERARD, NL
- [71] LELY PATENT N.V., NL
- [85] 2024-01-16
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 - [25] EN
 - [54] A PROCESS FOR PREPARATION OF PYROXASULFONE
 - [54] PROCEDE DE PREPARATION DE PYROXASULFONE
 - [72] KINI, PRASHANT VASANT, IN
 - [72] GANDHALE, SOPAN NAGNATH, IN
 - [72] SENGUPTA, DEBASISH, IN
 - [72] GULVE, SANDIP SAHEBRAO, IN
 - [72] ANPAT, SHRIKANT MUQUTRAO, IN
 - [72] BORSE, MANISH MADHUKAR, IN
 - [71] UPL LIMITED, IN
 - [85] 2024-01-16
 - [86] 2022-08-12 (PCT/IN2022/050724)
 - [87] (WO2023/017542)
 - [30] IN (202121036558) 2021-08-12
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- [25] EN
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- [54] DISPOSITIF DE STOCKAGE D'ENERGIE ET PROCEDE DE CHAUFFAGE D'UN FLUIDE CALOPORTEUR
- [72] KRUIJER, ALFRED ARNOLD, NL
- [72] VERBIST, GUY LODE MAGDA MARIA, NL
- [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
- [85] 2024-01-16
- [86] 2022-08-04 (PCT/EP2022/071888)
- [87] (WO2023/012250)
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 - [25] EN
 - [54] METHOD FOR PRODUCING A COMPOSITE RESISTANT MATERIAL AND RESISTANT MATERIAL THUS OBTAINED
 - [54] PROCEDE DE FABRICATION D'UN MATERIAU COMPOSITE RESISTANT ET MATERIAU RESISTANT AINSI OBTENU
 - [72] CIOFFI, COSIMO, IT
 - [71] B-MAX S.R.L., IT
 - [85] 2024-01-18
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 - [87] (WO2023/012603)
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[13] A1

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- [25] EN
- [54] INSTRUMENT BOURNE POSITION SENSING SYSTEM FOR PRECISION 3D GUIDANCE AND METHODS OF SURGERY
- [54] SYSTEME DE DETECTION DE POSITION TRANSPORTE PAR INSTRUMENT POUR GUIDAGE 3D DE PRECISION ET METHODES CHIRURGICALES
- [72] KAY, IAN, US
- [72] NGUYEN, QUANG-VIET, US
- [72] FRANK, RICK, US
- [72] KAY, DAVID, US
- [72] DEN HARTOG, BRYAN, US
- [72] ONEILL, PETER, US
- [71] SURGICAL TARGETED SOLUTIONS INC., US
- [85] 2024-01-18
- [86] 2022-07-14 (PCT/US2022/037128)
- [87] (WO2023/003745)
- [30] US (63/223,370) 2021-07-19

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 - [25] EN
 - [54] A NATURAL, PLANT BASE CONFECTIONARY AND METHOD FOR THE PRODUCTION THEREOF
 - [54] CONFISERIE NATURELLE A BASE DE PLANTES ET SON PROCEDE DE PRODUCTION
 - [72] GRUDA, LIRAN, IL
 - [72] COHEN, ASAFA, IL
 - [71] YOFFI MUTZARIM AGSACH LTD., IL
 - [85] 2024-01-18
 - [86] 2022-07-25 (PCT/IL2022/050800)
 - [87] (WO2023/007486)
 - [30] US (63/225,641) 2021-07-26
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[13] A1

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- [25] EN
- [54] REAL TIME PEAK INTEGRATION FOR POOL COLLECTION CRITERIA VIA CHROMATOGRAPHIC AREA UNDER THE CURVE
- [54] INTEGRATION DE PIC EN TEMPS REEL POUR DES CRITERES DE COLLECTE DE GROUPE PAR LE BIAIS D'UNE ZONE CHROMATOGRAPHIQUE SOUS LA COURBE
- [72] ZINN, ERIK E., US
- [72] WOEHLE, DIANA, US
- [72] MALY, CASSIDY, US
- [72] HAN, XUEJUN, US
- [72] QUITAYEN, KYLEE CELINE, US
- [71] AMGEN INC., US
- [85] 2024-01-18
- [86] 2022-07-15 (PCT/US2022/037239)
- [87] (WO2023/009328)
- [30] US (63/226,149) 2021-07-27

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[25] EN
[54] **SUBSTITUTED PYRIDINE DERIVATIVES AS SARM1 INHIBITORS**
[54] **DERIVES DE PYRIDINE SUBSTITUES EN TANT QU'INHIBITEURS DE SARM1**
[72] KOLLURI, RAO, US
[72] TEGLEY, CHRISTOPHER MICHAEL, US
[72] ZHU, LIUSHENG, US
[72] BROWN, SEAN POMEROY, US
[72] TASKER, ANDREW STEWART, US
[72] GRICE, CHERYL A., US
[72] REYNOLDS, CHARLES HOWARD, US
[71] NURA BIO, INC., US
[85] 2024-01-24
[86] 2022-07-27 (PCT/US2022/038577)
[87] (WO2023/009663)
[30] US (63/226,557) 2021-07-28
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[13] A1

[51] Int.Cl. G06Q 50/02 (2012.01)
[25] EN
[54] **VEGETATION MANAGEMENT SYSTEM AND VEGETATION MANAGEMENT METHOD**
[54] **SYSTEME DE GESTION DE VEGETATION ET PROCEDE DE GESTION DE VEGETATION**
[72] ZHAO, YU, JP
[71] HITACHI ENERGY LTD, CH
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[86] 2022-03-18 (PCT/JP2022/012910)
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[30] JP (2021-134011) 2021-08-19

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[25] EN
[54] **METHOD FOR AUTHENTICATING A HIGH-VALUE ITEM**
[54] **PROCEDE D'AUTHENTIFICATION D'UN ARTICLE DE GRANDE VALEUR**
[72] SEIB, WOLFGANG, DE
[71] SEIB, WOLFGANG, DE
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[30] DE (20 2021 002 500.6) 2021-07-27

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[25] EN
[54] **MOLDING DEVICE**
[54] **DISPOSITIF DE MOULAGE**
[72] ISHIZUKA, MASAYUKI, JP
[72] SAKAMAKI, KOZABURO, JP
[72] KUMENO, HIROYUKI, JP
[72] UENO, NORIEDA, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
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[30] JP (2021-146105) 2021-09-08

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[54] **ROLLER CAGE ASSEMBLY FOR AN OVERRUNNING CLUTCH**
[54] **ENSEMBLE CAGE A ROULEAUX POUR UN EMBRAYAGE A ROUE LIBRE**
[72] MURPHY, JORDAN, US
[72] HAMRIN, JOHN EDWARD, US
[71] TEAM INDUSTRIES, INC., US
[85] 2024-01-24
[86] 2022-08-11 (PCT/US2022/040069)
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[72] LANCASTER, NICHOLAUS RAY, US
[72] PATEL, DIPUL, US
[71] SOLUNA COMPUTING, INC., US
[85] 2024-01-18
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[54] **FLEXIBLE EXOSKELETON FRAMES AND ARM SUPPORT SYSTEMS AND METHODS FOR USING THEM**
[54] **ARMATURES FLEXIBLES D'EXOSQUELETTE ET SYSTEMES REPOSE-BRAS ET LEURS PROCEDES D'UTILISATION**
[72] DOYLE, MARK C., US
[71] LEVITATE TECHNOLOGIES, INC., US
[85] 2024-01-18
[86] 2022-07-19 (PCT/US2022/037579)
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FOR APPLICATION TO
SPECTACLES OR OTHER
OPHTHALMIC LENSES
[54] FILMS AYANT DES ELEMENTS
GRIN DESTINES A ETRE
APPLIQUES SUR DES LUNETTES
OU D'AUTRES LENTILLES
OPHTALMIQUES
[72] SAHA, SOURAV, US
[72] CHAMBERLAIN, PAUL, US
[72] BRADLEY, ARTHUR, US
[72] ARUMUGAM, BASKAR, US
[71] COOPERVISION INTERNATIONAL
LIMITED, GB
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COMPOSITIONS AND METHODS
OF USE THEREOF
[54] COMPOSITIONS D'ARNI DE
BETA-CATENINE (CTNNB1) ET
LEURS METHODES
D'UTILISATION
[72] AKINC, AKIN, US
[72] ZUBER, JEFFREY, US
[71] ALNYLAM PHARMACEUTICALS,
INC., US
[85] 2024-01-18
[86] 2022-07-21 (PCT/US2022/037794)
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[54] OUTIL DE REPARATION
[72] MCATARSNEY, BARRY, GB
[72] VANDENFONTYNE, JONATHAN,
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[71] VANDENFONTYNE, JONATHAN,
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[25] FR
[54] DEVICE FOR DECOMPRESSION
OF A GAS CONTAINER
[54] DISPOSITIF DE
DECOMPRESSION D'UN
CONTENANT DE GAZ
[72] VANBALEGHEM, MARC, FR
[72] SESMAT, ALBAN, FR
[72] DA COSTA, MARC, FR
[72] TESTARD, MAUD, FR
[71] GRTGAZ, FR
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[25] EN
[54] DRUG DELIVERY PLATFORM
FOR DELIVERY OF
THERAPEUTICS AND METHODS
OF USE AND MANUFACTURE
THEREOF
[54] PLATEFORME
D'ADMINISTRATION DE
MEDICAMENT PERMETTANT
L'ADMINISTRATION D'AGENTS
THERAPEUTIQUES ET
PROCEDES D'UTILISATION ET
DE FABRICATION DE CETTE
DERNIERE
[72] AHMED, SUZANNE, US
[71] AHMED, SUZANNE, US
[85] 2024-01-24
[86] 2022-07-25 (PCT/US2022/038226)
[87] (WO2023/009457)
[30] US (63/225,923) 2021-07-26
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[25] EN
[54] YOGURT COMPOSITION
[54] COMPOSITION DE YAOURT
[72] BECHTOLD, ROY, US
[72] EATON, RACHEL, US
[72] HAZLETT, LUKE, CA
[72] VEYNBERGER, ANNA, CA
[71] GENERAL MILLS, INC., US
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[86] 2022-07-25 (PCT/US2022/038128)
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<p>[21] 3,226,886 [13] A1</p> <p>[51] Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR THE TREATMENT OF HEMOGLOBINOPATHIES</p> <p>[54] SYSTEMES ET METHODES POUR LE TRAITEMENT D'HEMOGLOBINOPATHIES</p> <p>[72] CHANG, KAIHSIN, US</p> <p>[71] EDITAS MEDICINE, INC., US</p> <p>[85] 2024-01-18</p> <p>[86] 2022-08-02 (PCT/US2022/039192)</p> <p>[87] (WO2023/014727)</p> <p>[30] US (63/228,509) 2021-08-02</p> <p>[30] US (63/278,899) 2021-11-12</p>
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[51] Int.Cl. C09K 8/52 (2006.01) E21B
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[25] EN

[54] SCALE INHIBITORS AND
RELATED CONTROLLED
RELEASE PARTICLES

[54] INHIBITEURS DE TARTRE ET
PARTICULES A LIBERATION
CONTROLEE ASSOCIEES

[72] LALGUDI, RAMANATHAN S., US
[71] LFS CHEMISTRY INCORPORATED,
US

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[86] 2022-07-20 (PCT/US2022/037694)

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[25] EN

[54] SYSTEMS AND METHODS FOR
GENERATING DEPTH
UNCERTAINTY VALUES AS A
FUNCTION OF POSITION IN A
SUBSURFACE VOLUME OF
INTEREST

[54] SYSTEMES ET PROCEDES DE
GENERATION DE VALEURS
D'INCERTITUDE DE
PROFONDEUR EN FONCTION DE
LA POSITION DANS UN VOLUME
SOUTERRAIN D'INTERET

[72] FEI, WEIHONG, US

[72] HU, CHAOSHUN, US

[72] GIVEN, PAIGE RENE, US

[72] HENNENFENT, GILLES, US

[72] HOELTING, CORY, US

[71] CHEVRON U.S.A. INC., US

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[86] 2022-08-03 (PCT/US2022/039262)

[87] (WO2023/014779)

[30] US (17/394,808) 2021-08-05

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[25] EN

[54] BRAKING MECHANISMS FOR
STEERABLE MEDICAL DEVICES
AND RELATED METHODS

[54] MECANISMES DE FREINAGE
POUR DISPOSITIFS MEDICAUX
ORIENTABLES ET PROCEDES
ASSOCIES

[72] GOLDEN, JOHN B., US

[72] WILDER, EVAN, US

[72] HARRIS, COLBY, US

[72] MCBRIEN, MICHAEL, US

[71] BOSTON SCIENTIFIC SCIMED,
INC., US

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[87] (WO2023/014812)

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BI-DIRECTIONAL ACTUATION

[54] VCSEL ACCORDABLE LIE A
ACTIONNEMENT
BIDIRECTIONNEL

[72] GETZ, JAMES W., US

[72] WHITNEY, PETER S., US

[71] EXCELITAS TECHNOLOGIES
CORP., US

[85] 2024-01-18

[86] 2022-08-10 (PCT/US2022/039911)

[87] (WO2023/022910)

[30] US (17/402,837) 2021-08-16

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(2006.01) C07D 498/14 (2006.01)
A61P 35/00 (2006.01)

[25] EN

[54] TUMOR-ASSOCIATED CALCIUM
SIGNAL TRANSDUCER 2
(TACSTD2) ANTIBODY-
MAYTANSINE CONJUGATES
AND METHODS OF USE
THEREOF

[54] CONJUGUES ANTICORPS-
MAYTANSINE DE
TRANSDUCTEUR 2 DE SIGNAL
CALCIQUE ASSOCIES A UNE
TUMEUR (TACSTD2) ET LEURS
METHODES D'UTILISATION

[72] BARFIELD, ROBYN M., US

[72] DRAKE, PENELOPE M., US

[72] BAUZON, MAXINE, US

[72] OGUNKOYA, AYODELE O., US

[72] CHUPRAKOV, STEPAN, US

[71] R.P. SCHERER TECHNOLOGIES,
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[87] (WO2023/028165)

[30] US (63/236,988) 2021-08-25

[30] US (63/272,450) 2021-10-27

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[51] Int.Cl. C07K 16/46 (2006.01) A61K
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(2006.01) C07K 16/30 (2006.01) A61P
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[54] METHODS OF USING ANTIBODY-
DRUG-CONJUGATES

[54] METHODES D'UTILISATION DE
CONJUGUES ANTICORPS-
MEDICAMENT

[72] DRAKE, PENELOPE M., US

[71] R.P. SCHERER TECHNOLOGIES,
LLC, US

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[25] EN
[54] TREATMENT OF NON-CYSTIC FIBROSIS BRONCHIECTASIS
[54] TRAITEMENT DE LA BRONCHECTASIE A FIBROSE NON KYSTIQUE
[72] CASTELLANI, PAOLA, IT
[71] ZAMBON S.P.A., IT
[85] 2024-01-17
[86] 2022-08-04 (PCT/EP2022/071960)
[87] (WO2023/012280)
[30] EP (21189819.2) 2021-08-05

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[25] EN
[54] ORAL CARE COMPOSITIONS AND METHODS
[54] COMPOSITIONS ET METHODES DE SOINS BUCCO-DENTAIRES
[72] MYERS, CARL, US
[72] GOVINDARAJU, GOKUL, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2024-01-24
[86] 2022-08-23 (PCT/US2022/041267)
[87] (WO2023/028081)
[30] US (63/235,918) 2021-08-23

[21] 3,226,929
[13] A1

[51] Int.Cl. A62D 1/02 (2006.01)
[25] EN
[54] GLYCOL-FREE FIRE-FIGHTING COMPOSITION
[54] COMPOSITION ANTI-INCENDIE EXEMpte DE GLYCOL
[72] MONFILS, JOANNA M., US
[72] LIBAL, JOHN P., US
[71] TYCO FIRE PRODUCTS LP, US
[85] 2024-01-24
[86] 2022-10-18 (PCT/IB2022/060015)
[87] (WO2023/073506)
[30] US (63/272,247) 2021-10-27

[21] 3,226,930
[13] A1

[51] Int.Cl. A61K 8/02 (2006.01) A61K 8/19 (2006.01) A61K 8/24 (2006.01) A61K 8/25 (2006.01) A61K 8/27 (2006.01) A61K 8/73 (2006.01) A61K 8/86 (2006.01) A61Q 11/00 (2006.01)
[25] EN
[54] ORAL CARE COMPOSITIONS
[54] COMPOSITIONS DE SOINS BUCCODENTAIRES
[72] EVANS, LAUREN, US
[72] BOZCZON, KATARZYNA, CH
[72] KOCINSKA, AGNIESZKA, CH
[72] JOSIAS, WILBENS, US
[72] MALONEY, VENDA PORTER, US
[72] AMOAFIO, MICHAEL, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2024-01-24
[86] 2022-08-09 (PCT/US2022/039865)
[87] (WO2023/018735)
[30] US (63/231,553) 2021-08-10

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[13] A1

[51] Int.Cl. C25B 1/04 (2021.01) C01C 1/04 (2006.01) C25B 15/08 (2006.01)
[25] EN
[54] A METHOD OF CONFIGURING A PLANT FOR THE PRODUCTION OF GREEN AMMONIA
[54] PROCEDE DE CONFIGURATION D'UNE INSTALLATION POUR LA PRODUCTION D'AMMONIAC VERT
[72] BAGGA, KARAN, AU
[72] MIELKE, BERND, DE
[71] THYSSENKRUPP UHDE GMBH, DE
[71] THYSSENKRUPP AG, DE
[85] 2024-01-24
[86] 2022-10-27 (PCT/EP2022/080143)
[87] (WO2023/073139)
[30] EP (21205617.0) 2021-10-29

[21] 3,226,932
[13] A1

[51] Int.Cl. B65D 19/00 (2006.01) B65D 19/44 (2006.01)
[25] EN
[54] HYGIENIC PALLET AND METHODS OF USE AND MANUFACTURE
[54] PALETTE HYGIENIQUE ET PROCEDES D'UTILISATION ET DE FABRICATION
[72] WEIS, STEVEN A., US
[71] THE HERSHEY COMPANY, US
[85] 2024-01-24
[86] 2022-08-09 (PCT/US2022/039839)
[87] (WO2023/059399)
[30] US (17/497,179) 2021-10-08

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[13] A1

[51] Int.Cl. A24F 40/10 (2020.01) A24F 40/00 (2020.01) A61M 15/06 (2006.01)
[25] EN
[54] VAPORIZER SYSTEM
[54] SYSTEME DE VAPORISATEUR
[72] BESHEARS, NEAL A., US
[72] KEISER, HAYDEN B., US
[71] RITE LLC, US
[85] 2024-01-18
[86] 2022-07-20 (PCT/US2022/073946)
[87] (WO2023/004352)
[30] US (63/225,032) 2021-07-23

[21] 3,226,939
[13] A1

[51] Int.Cl. A61L 24/00 (2006.01) A61L 24/04 (2006.01) A61L 26/00 (2006.01) A61L 31/06 (2006.01) A61L 31/14 (2006.01)
[25] EN
[54] GEL COMPOSITIONS, SYSTEMS, AND METHODS
[54] COMPOSITIONS DE GEL, SYSTEMES ET METHODES
[72] LYDECKER, LAUREN S., US
[72] FREDRICKSON, GERALD, US
[72] BERRY, SAMANTHA, US
[72] COOK, KATHERINE A., US
[72] GRINSTAFF, MARK, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[71] THE TRUSTEES OF BOSTON UNIVERSITY, US
[85] 2024-01-18
[86] 2022-07-19 (PCT/US2022/073894)
[87] (WO2023/004318)
[30] US (63/223,808) 2021-07-20
[30] US (63/260,113) 2021-08-10

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 3,226,957 [13] A1</p> <p>[25] EN [54] METHODS FOR DEVELOPING CD3+CD8+ CELLS AGAINST MULTIPLE VIRAL EPITOPE FOR TREATMENT OF VIRAL INFECTIONS INCLUDING VARIANTS EVOLVING TO ESCAPE PREVIOUS IMMUNITY [54] PROCEDES DE DEVELOPPEMENT DE CELLULES CD3+ CD8+ CONTRE DE MULTIPLES EPITOPE VIRaux POUR LE TRAITEMENT D'INFECTIONS VIRALES NOTAMMENT DE VARIANTS EVOLUANT POUR ECHAPPER A L'IMMUNITE PRECEDENT [72] SAADI, RYAN, US [71] TEVOGEN BIO INC., US [85] 2024-01-24 [86] 2022-07-29 (PCT/US2022/038749) [87] (WO2023/009770) [30] US (63/227,690) 2021-07-30</p>	<p style="text-align: right;">[21] 3,226,960 [13] A1</p> <p>[51] Int.Cl. H04N 19/85 (2014.01) H04N 19/70 (2014.01) [25] EN [54] ENCODING DEVICE, DECODING DEVICE, ENCODING METHOD, AND DECODING METHOD [54] DISPOSITIF DE CODAGE, DISPOSITIF DE DECODAGE, PROCEDE DE CODAGE ET PROCEDE DE DECODAGE [72] NISHI, TAKAHIRO, JP [72] TOMA, TADAMASA, JP [72] ABE, KIYOFUMI, JP [71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US [85] 2024-01-24 [86] 2022-08-04 (PCT/JP2022/030000) [87] (WO2023/013736) [30] US (63/230,345) 2021-08-06</p>	<p style="text-align: right;">[21] 3,226,963 [13] A1</p> <p>[51] Int.Cl. B65B 5/08 (2006.01) B65B 25/04 (2006.01) B65B 35/58 (2006.01) B65B 57/14 (2006.01) [25] EN [54] A PACKAGING DEVICE AND SORTING SYSTEM FOR DIRECTIONAL PACKAGING OF PRODUCTS, SUCH AS VEGETABLES AND FRUIT, AND A METHOD THEREFORE [54] DISPOSITIF D'EMBALLAGE POUR L'EMBALLAGE DIRECTIONNEL DE PRODUITS TELS QUE DES LEGUMES ET DES FRUITS, SYSTEME DE TRI OU CHAINE D'EMBALLAGE COMPRENANT CELUI-CI ET PROCEDE ASSOCIE [72] NIJLAND, WILHELM JAN, NL [71] DE GREEF'S WAGEN-, CARROSSERIE- EN MACHINEBOUW B.V., NL [85] 2024-01-24 [86] 2022-07-26 (PCT/NL2022/050442) [87] (WO2023/008998) [30] NL (2028839) 2021-07-26</p>
<p style="text-align: right;">[21] 3,226,959 [13] A1</p> <p>[51] Int.Cl. A63H 33/08 (2006.01) A63H 33/10 (2006.01) A63H 33/14 (2006.01) [25] EN [54] BUILDING BLOCK BASEPLATE WITH CONNECTOR CLIP [54] PLAQUE DE BASE DE BLOC DE CONSTRUCTION AVEC PINCE DE RACCORDEMENT [72] THOMPSON, ROBERT LYLE, US [71] SLAB DREAM LAB, LLC, US [85] 2024-01-24 [86] 2022-07-28 (PCT/US2022/074275) [87] (WO2023/010092) [30] US (63/227,068) 2021-07-29</p>	<p style="text-align: right;">[21] 3,226,962 [13] A1</p> <p>[25] EN [54] MULTI-HOST TOUCH DISPLAY [54] AFFICHAGE TACTILE MULTI-HOTE [72] OGLE, HOWARD, US [71] MACRO-BLUE INC., US [85] 2024-01-24 [86] 2022-07-27 (PCT/US2022/038452) [87] (WO2023/009582) [30] US (63/226,074) 2021-07-27</p>	<p style="text-align: right;">[21] 3,226,964 [13] A1</p> <p>[51] Int.Cl. A61M 11/04 (2006.01) [25] EN [54] SYSTEM AND METHOD TO PRODUCE ATMOSPHERIC NUTRITIONAL AND DISINFECTANT IODINE [54] SYSTEME ET PROCEDE POUR PRODUIRE DE L'IODE NUTRITIONNEL ET DESINFECTANT ATMOSPHERIQUE [72] MULLINS, TERENCE FRANCIS, CA [71] NOVO INTEGRATED SCIENCES INC., US [85] 2024-01-24 [86] 2022-07-25 (PCT/IB2022/056855) [87] (WO2023/007357) [30] US (63/226,644) 2021-07-28</p>

Demandes PCT entrant en phase nationale

<p>[21] 3,226,966 [13] A1</p> <p>[51] Int.Cl. A61F 5/34 (2006.01) B29D 22/02 (2006.01)</p> <p>[25] EN</p> <p>[54] PRESSURE-MITIGATION SYSTEMS FOR MANAGING THE HEALTH OF USERS IN VARIOUS SETTINGS AND APPROACHES TO DESIGNING, PRODUCING, AND DEPLOYING THE SAME</p> <p>[54] SYSTEMES D'ATTENUATION DE PRESSION POUR GESTION DE LA SANTE DES UTILISATEURS DANS DIVERS CONTEXTES ET APPROCHES DE CONCEPTION, DE PRODUCTION ET DE DEPLOIEMENT DE CEUX-CI</p> <p>[72] SQUITIERI, RAFAEL PAOLO, US</p> <p>[71] TURNCARE, INC., US</p> <p>[85] 2024-01-24</p> <p>[86] 2022-08-01 (PCT/US2022/074398)</p> <p>[87] (WO2023/010142)</p> <p>[30] US (63/227,779) 2021-07-30</p>
<p>[21] 3,226,967 [13] A1</p> <p>[51] Int.Cl. A61K 36/886 (2006.01) A61P 13/10 (2006.01) C07H 15/244 (2006.01)</p> <p>[25] EN</p> <p>[54] NOVEL METHOD FOR THE PRODUCTION OF CONCENTRATED ALOE VERA COMPOSITIONS AND THERAPEUTIC USES FOR THE SAME</p> <p>[54] NOUVEAU PROCEDE DE PRODUCTION DE COMPOSITIONS CONCENTREES D'ALOE VERA ET LEURS UTILISATIONS THERAPEUTIQUES</p> <p>[72] FLORIO, HEATHER, US</p> <p>[71] DESERT HARVEST, INC., US</p> <p>[85] 2024-01-24</p> <p>[86] 2022-08-01 (PCT/US2022/039055)</p> <p>[87] (WO2023/018570)</p> <p>[30] US (63/233,130) 2021-08-13</p>

<p>[21] 3,226,968 [13] A1</p> <p>[51] Int.Cl. H04W 12/50 (2021.01) H04W 4/70 (2018.01) H04W 12/041 (2021.01) H04W 12/043 (2021.01) H04W 12/069 (2021.01) H04W 12/61 (2021.01)</p> <p>[25] EN</p> <p>[54] WAKING UP A DEVICE</p> <p>[54] REVEIL DE DISPOSITIF</p> <p>[72] BOURNE, SOPHIE NICOLE, GB</p> <p>[72] SNAPE, TIMOTHY, GB</p> <p>[72] TRICKEY, DANIEL GEORGE, GB</p> <p>[71] VODAFONE GLOBAL ENTERPRISE LIMITED, GB</p> <p>[71] DABCO LIMITED, GB</p> <p>[85] 2024-01-24</p> <p>[86] 2022-07-25 (PCT/GB2022/051940)</p> <p>[87] (WO2023/007135)</p> <p>[30] GB (2110715.6) 2021-07-26</p>
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<p>[21] 3,226,972 [13] A1</p> <p>[51] Int.Cl. F17C 5/06 (2006.01)</p> <p>[25] EN</p> <p>[54] HYDROGEN FUELING STATION PRIORITY PANEL WITH COOLING</p> <p>[54] PANNEAU DE PRIORITE D'UNE STATION DE RAVITAILLEMENT EN HYDROGENE A REFROIDISSEMENT</p> <p>[72] SLEIMAN, GHASSAN, US</p> <p>[72] YOULIO, ANDREW, US</p> <p>[72] EMAN, MAX, US</p> <p>[71] FIRSTELEMENT FUEL, INC., US</p> <p>[85] 2024-01-18</p> <p>[86] 2022-07-19 (PCT/US2022/073890)</p> <p>[87] (WO2023/004314)</p> <p>[30] US (63/223,512) 2021-07-19</p> <p>[30] US (17/660,388) 2022-04-22</p> <p>[30] US (17/660,391) 2022-04-22</p>
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<p>[21] 3,226,974 [13] A1</p> <p>[51] Int.Cl. C07K 14/395 (2006.01) A01N 63/30 (2020.01) C07K 14/37 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPOSITIONS FOR FUNGAL CONTROL AND RELATED METHODS</p> <p>[54] COMPOSITIONS DE LUTTE CONTRE LES CHAMPIGNONS ET METHODES ASSOCIEES</p> <p>[72] DANISON, HOPE HSIAO-WANG, US</p> <p>[72] KOLESKY, DAVID BARRY, US</p> <p>[72] KRISHNANKUTTY, SINDHU MANUBHAI, US</p> <p>[72] MARTINEZ, ANTONIO DIEGO, US</p> <p>[72] NIU, YAJIE, US</p> <p>[72] SHARPE, MICHKA GABRIELLE, US</p> <p>[71] FLAGSHIP PIONEERING INNOVATIONS VII, LLC, US</p> <p>[85] 2024-01-18</p> <p>[86] 2022-07-22 (PCT/US2022/074082)</p> <p>[87] (WO2023/004435)</p> <p>[30] US (63/225,356) 2021-07-23</p>

<p>[21] 3,226,975 [13] A1</p> <p>[51] Int.Cl. C25B 13/08 (2006.01) H01M 50/411 (2021.01) B01D 67/00 (2006.01) C08J 5/00 (2006.01) C25B 1/04 (2021.01) H01M 8/00 (2016.01)</p> <p>[25] EN</p> <p>[54] IMPROVED DURABILITY OF DIAPHRAGM FOR HIGHER TEMPERATURE ELECTROLYSIS</p> <p>[54] DURABILITE AMELIOREE DE DIAPHRAGME POUR ELECTROLYSE A HAUTE TEMPERATURE</p> <p>[72] HANSEN, MARTIN KALMAR, DK</p> <p>[72] THERKILDSEN, KASPER TIPSMARK, DK</p> <p>[71] GREEN HYDROGEN SYSTEMS A/S, DK</p> <p>[85] 2024-01-19</p> <p>[86] 2022-07-19 (PCT/EP2022/070136)</p> <p>[87] (WO2023/001793)</p> <p>[30] EP (21186621.5) 2021-07-20</p>

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[21] 3,226,976
[13] A1

- [51] Int.Cl. A61K 31/7084 (2006.01) A61K 38/00 (2006.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)
 - [25] EN
 - [54] STING AGONIST COMBINATION TREATMENTS WITH CYTOKINES
 - [54] POLYOTHERAPIES A BASE D'AGONISTES DE STING COMPRENANT DES CYTOKINES
 - [72] CHEN, ZHIJIAN, US
 - [72] SUN, LIJUN, US
 - [72] WU, YOUTONG, US
 - [72] TAN, HUILING, US
 - [71] IMMUNESENSOR THERAPEUTICS, INC., US
 - [71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
 - [85] 2024-01-18
 - [86] 2022-07-25 (PCT/US2022/074120)
 - [87] (WO2023/004440)
 - [30] US (63/203,481) 2021-07-23
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[21] 3,226,977
[13] A1

- [51] Int.Cl. C07K 16/30 (2006.01) A61K 47/68 (2017.01)
- [25] EN
- [54] ANTIBODIES HAVING HUMANIZED FRAMEWORK REGIONS
- [54] ANTICORPS AYANT DES REGIONS CHARPENTES HUMANISEES
- [72] CHUPRAKOV, STEPAN, US
- [72] OGUNKOYA, AYODELE O., US
- [72] DRAKE, PENELOPE M., US
- [72] KIM, YUN, US
- [72] BAUZON, MAXINE, US
- [72] HICKLE, COLIN, US
- [72] BARFIELD, ROBYN M., US
- [71] R.P. SCHERER TECHNOLOGIES, LLC, US
- [85] 2024-01-18
- [86] 2022-08-24 (PCT/US2022/075424)
- [87] (WO2023/028537)
- [30] US (63/236,928) 2021-08-25

[21] 3,226,978
[13] A1

- [51] Int.Cl. C07K 14/35 (2006.01) A61K 39/04 (2006.01) A61K 48/00 (2006.01) C12N 9/10 (2006.01) C12N 9/52 (2006.01) C12N 15/62 (2006.01) C12N 15/869 (2006.01)
 - [25] EN
 - [54] TUBERCULOSIS VACCINES
 - [54] VACCINS CONTRE LA TUBERCULOSE
 - [72] ARVIN, ANN M., US
 - [72] DI IULIO, JULIA, US
 - [72] DOUGLAS, JANET L., US
 - [72] MARSHALL, EMILY, US
 - [72] SORIAGA, LEAH B., US
 - [72] VIRGIN, HERBERT W., US
 - [71] VIR BIOTECHNOLOGY, INC., US
 - [85] 2024-01-18
 - [86] 2022-08-30 (PCT/US2022/075645)
 - [87] (WO2023/034783)
 - [30] US (63/239,278) 2021-08-31
 - [30] US (63/392,778) 2022-07-27
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[21] 3,226,980
[13] A1

- [51] Int.Cl. C07D 209/16 (2006.01) A61K 31/4045 (2006.01) A61P 25/26 (2006.01)
- [25] EN
- [54] METHOD FOR PREPARING A TRYPTAMINE DERIVATIVE.
- [54] PROCEDE DE PREPARATION D'UN DERIVE DE TRYPTAMINE
- [72] CHUBB, RICHARD, GB
- [72] MATTERS, REBECCA, GB
- [71] GH RESEARCH IRELAND LIMITED, IE
- [85] 2024-01-19
- [86] 2022-07-22 (PCT/EP2022/070590)
- [87] (WO2023/002005)
- [30] EP (21187217.1) 2021-07-22
- [30] EP (22000082.2) 2022-03-27

[21] 3,226,981
[13] A1

- [51] Int.Cl. B64D 33/08 (2006.01) B64B 1/28 (2006.01) B64D 45/00 (2006.01)
 - [25] FR
 - [54] SYSTEM FOR THE THERMAL MANAGEMENT OF AN EXTERNAL ELECTRIC-POWER-GENERATING NACELLE EQUIPPING AN ELECTRICALLY POWERED AIRSHIP, NACELLE AND AIRSHIP EQUIPPED WITH SAID SYSTEM
 - [54] SYSTEME POUR GERER THERMIQUEMENT UNE NACELLE EXTERNE DE PRODUCTION D'ENERGIE ELECTRIQUE EQUIPANT UN DIRIGEABLE A PROPULSION ELECTRIQUE, NACELLE ET DIRIGEABLE EQUIPES DE CE SYSTEME
 - [72] GUILLOU, PIERROT, FR
 - [72] GREGOIRE, GILLES, FR
 - [72] DESGEORGES, OLIVIER, FR
 - [71] FLYING WHALES, FR
 - [85] 2024-01-19
 - [86] 2022-07-21 (PCT/FR2022/051452)
 - [87] (WO2023/002131)
 - [30] FR (FR2107860) 2021-07-21
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[21] 3,226,982
[13] A1

- [51] Int.Cl. B64B 1/06 (2006.01) B64B 1/24 (2006.01) B64D 27/02 (2006.01)
- [25] FR
- [54] ELECTRICALLY PROPELLED AIRSHIP HAVING A RIGID STRUCTURE AND POWER-GENERATING NACELLE WITH WHICH SAID AIRSHIP IS PROVIDED
- [54] DIRIGEABLE DE STRUCTURE RIGIDE A PROPULSION ELECTRIQUE ET NACELLE DE PRODUCTION D'ENERGIE ELECTRIQUE EQUIPANT CE DIRIGEABLE
- [72] GUILLOU, PIERROT, FR
- [72] TAILLARDAT, CLEMENCE, FR
- [71] FLYING WHALES, FR
- [85] 2024-01-19
- [86] 2022-07-21 (PCT/FR2022/051454)
- [87] (WO2023/002133)
- [30] FR (FR2107881) 2021-07-21

Demandes PCT entrant en phase nationale

[21] 3,226,983
[13] A1

[51] Int.Cl. G01W 1/00 (2006.01) G08G 5/00 (2006.01)
[25] FR
[54] METHOD AND SYSTEM FOR CHARACTERIZING, IN REAL TIME, ATMOSPHERIC CONDITIONS IN AN ENVIRONMENT OF AN AIRCRAFT, DRONES IMPLEMENTED IN THIS SYSTEM, AND AIRCRAFT IMPLEMENTING SUCH A SYSTEM
[54] PROCEDE ET SYSTEME POUR CARACTERISER EN TEMPS REEL DES CONDITIONS ATMOSPHERIQUES DANS UN ENVIRONNEMENT D'UN AERONEF, DRONES MIS EN ~UVRE DANS CE SYSTEME ET AERONEF METTANT EN OEUVRE UN TEL SYSTEME
[72] SCELO, DAMIEN, FR
[72] ROTACH, PAULINE, FR
[72] SETTIER, KEWIN, FR
[72] HAUILLER, FREDERIC, FR
[71] FLYING WHALES, FR
[85] 2024-01-19
[86] 2022-07-21 (PCT/FR2022/051456)
[87] (WO2023/002135)
[30] FR (FR2107885) 2021-07-21

[21] 3,226,984
[13] A1

[51] Int.Cl. H04L 9/40 (2022.01) H04L 45/586 (2022.01) H04L 12/46 (2006.01) H04L 45/02 (2022.01)
[25] EN
[54] SECURE COMMUNICATION SYSTEM
[54] SYSTEME DE COMMUNICATION SECURISE
[72] SULLIVAN, DAVID JAMES, GB
[72] MICKLEWRIGHT, NEVILLE JAMES, GB
[71] BAE SYSTEMS PLC, GB
[85] 2024-01-19
[86] 2022-07-13 (PCT/GB2022/051815)
[87] (WO2023/002160)
[30] GB (2110450.0) 2021-07-21
[30] EP (21275097.0) 2021-07-21

[21] 3,226,985
[13] A1

[51] Int.Cl. C08L 83/07 (2006.01) H01L 33/56 (2010.01) C08L 83/05 (2006.01) C09J 183/05 (2006.01) C09J 183/07 (2006.01) C09K 3/10 (2006.01)
[25] EN
[54] ULTRAVIOLET RAY-ACTIVATED LIQUID SILICONE COMPOSITION FOR OPTICAL APPLICATION
[54] COMPOSITION DE SILICONE LIQUIDE ACTIVEE PAR RAYONS ULTRAVIOLETS POUR APPLICATION OPTIQUE
[72] OTAKE, TATSUYA, JP
[71] MOMENTIVE PERFORMANCE MATERIALS INC., US
[85] 2024-01-19
[86] 2022-07-19 (PCT/JP2022/027972)
[87] (WO2023/002966)
[30] JP (2021-118634) 2021-07-19

[21] 3,226,986
[13] A1

[51] Int.Cl. C08F 8/50 (2006.01)
[25] EN
[54] CATALYTIC HYDROGENOLYSIS OF A POLYMER
[54] HYDROGENOLYSE CATALYTIQUE D'UN POLYMER
[72] MARKS, TOBIN JAY, US
[72] KRATISH, YOSI, US
[72] MASON, ALEXANDER HEATH, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2024-01-19
[86] 2022-07-20 (PCT/US2022/037670)
[87] (WO2023/003930)
[30] US (63/223,583) 2021-07-20

[21] 3,226,987
[13] A1

[25] EN
[54] METHOD FOR ANIMAL HEALTH MONITORING
[54] PROCEDE DE SURVEILLANCE DE LA SANTE D'UN ANIMAL
[72] DONAVON, MARK ALAN, US
[72] LANGENFELD-MCCOY, NATALIE, US
[72] MCGOWAN, RAGEN TRUDELLE-SCHWARZ, US
[72] DUSSAN, HELBER, US
[72] KAMARAJ, MANI BHARATH, IN
[72] VIJAYARAJAN, VIGNESH, IN
[72] GOVINDARAJAN, VENKATAKRISHNAN, IN
[72] SINGH, AJAY, IN
[72] MALIPEDDI, SARATH, IN
[72] NASANURU, ABHISHEK SAI, IN
[72] KRISHNAN, AYUSHI, IN
[72] RAVI, DWARAKANATH RAGHAVENDRA, IN
[72] SHERWOOD, DANIEL JAMES, GB
[72] MAGUIRE, RUSSELL STEWART, GB
[72] STONE, JACK WILLIAM JAMES, GB
[72] LOGAN, GEORGINA ELIZABETH MARY, GB
[72] HATORI, TOMOKO, GB
[72] HAUBRICK, PETER MICHAEL, GB
[72] SCHIM VAN DER LOEFF, WENDELA SOPHIE, GB
[71] SOCIETE DES PRODUITS NESTLE SA, CH
[85] 2024-01-25
[86] 2022-08-26 (PCT/IB2022/058017)
[87] (WO2023/026250)
[30] US (63/237,664) 2021-08-27

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[21] 3,226,989
[13] A1

- [51] Int.Cl. A61H 23/02 (2006.01) A61H 7/00 (2006.01) A61H 9/00 (2006.01) A61H 11/00 (2006.01) A61H 23/00 (2006.01)
- [25] EN
- [54] DEVICES AND SYSTEMS FOR PROVIDING COMPRESSION AND/OR VIBRATORY FORCES TO TISSUES
- [54] DISPOSITIFS ET SYSTEMES POUR FOURNIR DES FORCES DE COMPRESSION ET/OU VIBRATOIRES A DES TISSUS
- [72] NEWBERRY, TARA A., US
- [72] THOMAS, LEAH, US
- [72] WENGER, LAURA, US
- [72] JARVIS, SETH, US
- [72] ARENA, CHRISTOPHER B., US
- [72] MUELENAER, ANDRE, US
- [71] CARILION CLINIC, US
- [71] VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY, US
- [85] 2024-01-19
- [86] 2022-07-19 (PCT/US2022/037612)
- [87] (WO2023/003891)
- [30] US (63/223,492) 2021-07-19
- [30] US (63/342,377) 2022-05-16

[21] 3,226,990
[13] A1

- [51] Int.Cl. H05B 6/68 (2006.01) F24C 7/02 (2006.01) H05B 6/64 (2006.01)
- [25] EN
- [54] INTELLIGENT MICROWAVE COOKING SYSTEM
- [54] SYSTEME DE CUISSON A MICRO-ONDES INTELLIGENT
- [72] CHASE, ARNOLD, US
- [72] CHASE, WILLIAM, US
- [71] CHASE, ARNOLD, US
- [71] CHASE, WILLIAM, US
- [85] 2024-01-19
- [86] 2022-07-19 (PCT/US2022/037598)
- [87] (WO2023/003880)
- [30] US (63/223,683) 2021-07-20

[21] 3,226,992
[13] A1

- [51] Int.Cl. C12N 5/0797 (2010.01)
- [25] EN
- [54] METHODS AND COMPOSITIONS FOR GENERATING HUMAN MIDBRAIN NEURAL PROGENITOR CELLS
- [54] PROCEDES ET COMPOSITIONS POUR GENERER DES CELLULES PROGENITRICES NEURALES DU CERVEAU HUMAIN
- [72] AMINI, NOOSHIN, US
- [71] TRAILHEAD BIOSYSTEMS INC., US
- [85] 2024-01-19
- [86] 2022-05-19 (PCT/US2022/029979)
- [87] (WO2023/003621)
- [30] US (63/223,139) 2021-07-19

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- [51] Int.Cl. C07D 237/32 (2006.01) A61K 31/502 (2006.01) A61K 31/504 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 37/02 (2006.01) C07D 237/26 (2006.01) C07D 237/34 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 409/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 491/044 (2006.01) C07D 491/052 (2006.01) C07D 491/107 (2006.01) C07D 495/04 (2006.01)
- [25] EN
- [54] ANNULATED PYRIDAZINE COMPOUND
- [54] COMPOSE DE PYRIDAZINE ANNELE
- [72] INAGAKI, YUSUKE, JP
- [72] WASHIO, TAKUYA, JP
- [72] KOIZUMI, YUKA, JP
- [72] TOYA, HIROKI, JP
- [72] YAMASHITA, YUMI, JP
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- [72] MAEDA, JUNKO, JP
- [72] KOIKE, TAKANORI, JP
- [72] KAMIKUBO, TAKASHI, JP
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- [72] KURAMOTO, KAZUYUKI, JP
- [72] SABA, KENGO, JP
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[72] AMIT, IDO, IL
[72] BORNSTEIN-OVITS, CHAMUTAL, IL
[72] YALIN, ADAM, IL
[72] MOSHE, ADI, IL
[72] BARBOY, OREN, IL
[72] WEINER, ASSAF, IL
[72] KATZENELENBOGEN, YONATAN, IL
[72] JAITIN, DIEGO, IL
[72] SHEBAN, FADI, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
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[54] AJOUT D'UNE REALITE AUGMENTEE A UNE SOUS-VUE D'UN FLUX VIDEO CENTRAL A HAUTE RESOLUTION
[72] SCHWARTZ, ERIK, US
[72] NAQUIN, MICHAEL, US
[72] BROWN, CHRISTOPHER, US
[72] XING, STEVE, US
[72] CZARNECKI, PAWEŁ, US
[72] EBERSOL, CHARLES D., US
[72] GERHART, ANNE, US
[71] INFINITE ATHLETE, INC., US
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[54] COMPOSITIONS COMPRENANT DE L'OTESECONAZOLE
[72] SMITH, ALEXANDER, US
[72] COFFIN, MARK, US
[71] MYCOVIA PHARMACEUTICALS, INC., US
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[54] DISPOSITIF ET SYSTEME DE CHARGE RAPIDE
[72] ITO, MASAHIRO, JP
[71] POWERX, INC., JP
[85] 2024-01-19
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[54] SYSTEME D'ANALYSE ASSEMBLE, PROCEDE ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR
[72] YOON, SU MI, KR
[72] KIM, JAE YOUNG, KR
[72] PARK, SANG JONG, KR
[71] SEEGENE, INC., KR
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[86] 2022-07-21 (PCT/KR2022/010724)
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[54] AUGMENTED ARTIFICIAL INTELLIGENCE SYSTEM AND METHODS FOR PHYSIOLOGICAL DATA PROCESSING
[54] SYSTEME D'INTELLIGENCE ARTIFICIELLE AUGMENTEE ET PROCEDES DE TRAITEMENT DE DONNEES PHYSIOLOGIQUES
[72] AU, YU KAN, US
[72] POWERS, RICHARD MICHAEL, US
[72] KROH, JASON MARK, US
[72] DELMONICO, NICHOLAS SHANE, US
[72] MUQEEM, TANZIYAH, US
[71] STRADOS LABS, INC., US
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[54] PROCEDE DE PREPARATION DE MATIERE ACTIVE D'ELECTRODE NEGATIVE, ELECTRODE NEGATIVE, ET BATTERIE SECONDAIRE
[72] LEE, CHANG JU, KR
[72] CHOI, SEUNG YOUN, KR
[72] LIM, GA HYUN, KR
[72] WOO, SANG WOOK, KR
[71] LG ENERGY SOLUTION, LTD., KR
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[54] EMPILEMENT DE LENTILLES AMOVIBLES A FAIBLE REFLECTANCE
[72] WILSON, STEPHEN S., US
[72] WILSON, BART E., US
[71] LAMINATED FILM LLC, US
[85] 2024-01-25
[86] 2022-04-22 (PCT/US2022/025996)
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[54] COMPOSITIONS D'ALLIAGE
[72] SCHADE, CHRISTOPHER, US
[72] HORVAY, KERRI, US
[72] BAUMGARTNER, JON, US
[71] HOEGANANES CORPORATION, US
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[54] METHODES DE TRAITEMENT DE LA DERMATITE ATOPIQUE PAR ADMINISTRATION D'UN ANTAGONISTE D'IL-4R
[72] BANSAL, ASHISH, US
[72] GRAHAM, NEIL, US
[72] KAMAL, MOHAMED, US
[72] KOSLOSKI, MATTHEW P., US
[72] RUDDY, MARCELLA, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] DISPOSITIF D'EMBALLAGE ET PROCEDE D'EMBALLAGE DE MEDICAMENTS DISCRETS DANS DES POCHE
[72] JOCHEMSEN, CORNELIS JAN, NL
[72] WIJNIA, AALF, NL
[72] ONDERDELINDEN, ROBERT ERNST, NL
[72] SMIT, RENE, NL
[71] VMI HOLLAND B.V., NL
[85] 2024-01-25
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[25] EN
[54] COMPOSITIONS, METHODS AND SYSTEMS FOR ELECTROLYTIC TREATMENT OF MYCOTOXIN, GLYPHOSATE, AND MICROBIAL CONTAMINATION
[54] COMPOSITIONS, PROCEDES ET SYSTEMES POUR LE TRAITEMENT ELECTROLYTIQUE DE LA MYCOTOXINE, DU GLYPHOSATE ET DE LA CONTAMINATION MICROBIENNE

[72] PETERS, MICHAEL J., US
[72] BREEDLOVE, JOHN D., US
[72] JENSEN, DARIN, US
[72] PETERS, CHRISTOPHER M., US
[72] MAYER, S. ROBERT, US
[72] DAVIS, DONALD H., US
[72] PETERS, KYLE, US
[71] GUARDIAN PARTNERS, LLC, US
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[54] DISPENSER AND CONTAINER FOR DISPENSING SHEET-TYPE MATERIAL
[54] DISTRIBUTEUR ET CONTENANT POUR DISTRIBUER UNE MATIERE EN FORME DE FEUILLE
[72] HAGLEITNER, HANS GEORG, AT
[71] HAGLEITNER, HANS GEORG, AT
[85] 2024-01-19
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[54] PROCEDE ET APPAREIL DE COMMUNICATION
[72] YU, JIAN, CN
[72] EPSTEIN, AVNER, CN
[72] TSODIK, GENADIY, CN
[72] SHILO, SHIMON, CN
[72] KLEIN, ARIK, CN
[72] REDLICH, ODED, CN
[72] HU, MENGSHI, CN
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[13] A1

[51] Int.Cl. E21B 37/06 (2006.01) E21B
41/02 (2006.01) F16L 58/04 (2006.01)

[25] EN

[54] METHODS FOR IN-SITU

APPLICATION OF A COATING
AGENT TO PRODUCTION
TUBING USING A PLUNGER LIFT
SYSTEM

[54] PROCEDES D'APPLICATION IN
SITU D'UN AGENT DE
REVETEMENT SUR UN TUBE DE
PRODUCTION A L'AIDE D'UN
SYSTEME DE LEVAGE A
PLONGEUR

[72] ROMER, MICHAEL C., US

[72] GRASSO, GIOVANNI A., US

[71] EXXONMOBIL TECHNOLOGY AND
ENGINEERING COMPANY, US

[85] 2024-01-25

[86] 2022-07-07 (PCT/US2022/073489)

[87] (WO2023/019047)

[30] US (63/260,084) 2021-08-09

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Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] 3,225,845	[13] A1
[25] EN	
[54] COMPOSITIONS, METHODS AND KITS TO DETECT ADENOVIRUS, METAPNEUMOVIRUS AND/OR RHINOVIRUS NUCLEIC ACIDS	
[54]	
[72] MALESSI, MEHRDAD R., US	
[72] SHAH, ANKUR H., US	
[72] HILLIUS, AMBER, US	
[72] DOUGLASS, PAMELA, US	
[72] KOLK, DANIEL, US	
[71] GEN-PROBE INCORPORATED, US	
[22] 2018-03-23	
[41] 2018-10-04	
[62] 3,056,135	
[30] US (62/476,753) 2017-03-25	

[21] 3,226,051	[13] A1
[51] Int.Cl. A61M 5/14 (2006.01) A61M 5/142 (2006.01)	
[25] EN	
[54] DRUG DELIVERY INSERTION APPARATUSES AND SYSTEM	
[54] APPAREIL ET SYSTEME D'INSERTION POUR L'ADMINISTRATION DE MEDICAMENT	
[72] O'CONNOR, JASON, US	
[72] MCLAUGHLIN, IAN, US	
[72] ALLIS, DANIEL, US	
[72] NAZZARO, DAVID, US	
[71] INSULET CORPORATION, US	
[22] 2019-07-18	
[41] 2020-01-23	
[62] 3,105,177	
[30] US (62/699,805) 2018-07-18	

[21] 3,226,075	[13] A1
[51] Int.Cl. B01L 9/06 (2006.01)	
[25] EN	
[54] REAGENT STORAGE DEVICES AND METHODS FOR SAME	
[54] DISPOSITIFS DE STOCKAGE DE REACTIFS ET LEURS PROCEDES ASSOCIES	
[72] PEARCY, TIMOTHY E., US	
[72] ROSE, STEVE, US	
[71] BIOLYPH, LLC, US	
[22] 2019-07-10	
[41] 2020-01-16	
[62] 3,106,165	
[30] US (62/696,287) 2018-07-10	

[21] 3,226,079	[13] A1
[25] EN	
[54] METHOD AND SYSTEM FOR DETECTION OF CALL SIGNAL MANIPULATION	
[54] PROCEDE ET SYSTEME DE DETECTION DE MANIPULATION DE SIGNAL D'APPEL	
[72] OKHRIMENKO, SERGEI, RU	
[71] AB HANDSHAKE CORPORATION, US	
[22] 2021-08-18	
[41] 2022-03-10	
[62] 3,191,409	
[30] US (17/011,336) 2020-09-03	

[21] 3,226,098	[13] A1
[25] EN	
[54] BONE CLEANER THAT REMOVES SOFT TISSUE BY PRESSING BONE STOCK AGAINST A CLEANING ELEMENT AND CLEARING THE BONE STOCK FROM THE CLEANING ELEMENT	
[54] DISPOSITIF DE NETTOYAGE D'OS QUI ELIMINE LE TISSU MOU EN PRESSANT LE STOCK D'OS CONTRE UN ELEMENT NETTOYANT ET EN DEBARRASSANT LE STOCK D'OS DE L'ELEMENT NETTOYANT	
[72] HORTON, JOHN COLEMAN IV, US	
[72] BERNERO, JOHN, US	
[72] BROWN, STEVEN, US	
[72] DIEHL, ERIC, US	
[72] ROY, SHAMMODIP, US	
[72] BABARIS, ROBIN, US	
[72] LYNCH, ROBERT, US	
[72] THELEN, ADAM, US	
[71] STRYKER CORPORATION, US	
[22] 2016-07-28	
[41] 2017-02-02	
[62] 2,993,952	
[30] US (62/197,780) 2015-07-28	

[21] 3,226,196	[13] A1
[25] EN	
[54] TREATMENT OF CLOSTRIDIUM DIFFICILE INFECTION	
[54] TRAITEMENT D'UNE INFECTION PAR CLOSTRIDIUM DIFFICILE	
[72] SCHNEIDER, JESSICA, US	
[72] KIM, YUN-GI, US	
[72] OLLE, BERNAT, US	
[72] REDDY, SHILPA, US	
[72] NORMAN, JASON, US	
[72] PATARROYO, JUAN, US	
[71] VEDANTA BIOSCIENCES, INC., US	
[22] 2017-06-14	
[41] 2017-12-21	
[62] 3,027,917	
[30] US (62/349,914) 2016-06-14	

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

<p style="text-align: right;">[21] 3,226,325 [13] A1</p> <p>[25] EN [54] TRACE ELEMENT SOLUTION [54] SOLUTION A BASE D'OLIGO-ELEMENTS [72] SMITH, WILLIAM ALFRED, IE [71] WARBURTON TECHNOLOGY LIMITED, IE [22] 2015-10-09 [41] 2017-04-13 [62] 3,167,484</p>	<p style="text-align: right;">[21] 3,226,385 [13] A1</p> <p>[25] EN [54] CO-CRYSTAL FORMS OF A NOVOBIOCIN ANALOG AND PROLINE [54] FORMES CO-CRISTALLINES D'UN ANALOGUE DE NOVOBIOCINE ET DE PROLINE [72] JIANG, XIN, US [72] WALLING, JOHN ALLEN, US [72] BEVILL, MELANIE J., US [72] SEADEEK, CHRISTOPHER S., US [72] SMIT, JARED P., US [71] REATA PHARMACEUTICALS, INC., US [22] 2019-02-01 [41] 2019-08-15 [62] 3,090,646 [30] US (62/627,570) 2018-02-07</p>	<p style="text-align: right;">[21] 3,226,410 [13] A1</p> <p>[25] EN [54] SYSTEM AND METHOD FOR CONTROLLING INDOOR FARMS REMOTELY AND USER INTERFACE FOR SAME [54] SYSTEME ET PROCEDE DE COMMANDE DE FERMES INTERIEURES A DISTANCE ET INTERFACE UTILISATEUR ASSOCIEE [72] PORTELLO, JOSEPH MICHAEL, US [72] ZELKIND, MICHAEL, US [72] LIVINGSTON, PATRICIA, US [71] 80 ACRES URBAN AGRICULTURE, INC., US [22] 2020-05-13 [41] 2020-11-19 [62] 3,139,684 [30] US (62/847,195) 2019-05-13</p>
<p style="text-align: right;">[21] 3,226,329 [13] A1</p> <p>[25] EN [54] COMPOSITIONS AND METHODS FOR MODIFYING A PREDETERMINED TARGET NUCLEIC ACID SEQUENCE [54] COMPOSITIONS ET PROCEDES POUR LA MODIFICATION D'UNE SEQUENCE D'ACIDE NUCLEIQUE CIBLE PREDETERMINEE [72] SHIBOLETH, YOEL MOSHE, IL [72] WEINTHAL, DAN MICHAEL, IL [71] TARGETGENE BIOTECHNOLOGIES LTD, IL [22] 2012-12-16 [41] 2013-06-20 [62] 2,858,801 [30] US (61/576, 423) 2011-12-16</p>	<p style="text-align: right;">[21] 3,226,400 [13] A1</p> <p>[25] EN [54] REVERSE WATER GAS SHIFT CATALYTIC REACTOR SYSTEMS [54] SYSTEMES DE REACTEUR CATALYTIQUE A REACTION DU GAZ A L'EAU INVERSE [72] SCHUETZLE, ROBERT, US [72] SCHUETZLE, DENNIS, US [72] WRIGHT , HAROLD, US [72] HANBURY, ORION, US [72] CALDWELL, MATTHEW, US [72] RODRIGUEZ, RAMER, US [71] INFINIUM TECHNOLOGY, LLC, US [22] 2021-05-03 [41] 2021-11-11 [62] 3,180,676 [30] US (63/101,555) 2020-05-04</p>	<p style="text-align: right;">[21] 3,226,433 [13] A1</p> <p>[25] EN [54] DEVELOPER SUPPLY CONTAINER AND DEVELOPER SUPPLYING SYSTEM [54] RECIPIENT D'ALIMENTATION EN REVELATEUR ET SYSTEME D'ALIMENTATION EN REVELATEUR [72] GAMO, YOHEI, JP [72] KATO, DAIJIRO, JP [72] OIZUMI, YUSUKE, JP [72] OKINO, AYATOMO, JP [71] CANON KABUSHIKI KAISHA, JP [22] 2018-09-21 [41] 2019-03-28 [62] 3,076,608 [30] JP (2017-181798) 2017-09-21</p>
<p style="text-align: right;">[21] 3,226,334 [13] A1</p> <p>[51] Int.Cl. A61C 17/22 (2006.01) A46B 3/00 (2006.01) A46B 3/04 (2006.01) A46B 9/04 (2006.01) A46B 11/00 (2006.01) A46B 15/00 (2006.01) A61C 9/00 (2006.01) A61C 17/34 (2006.01)</p> <p>[25] EN [54] SYSTEMS, DEVICES, AND METHODS FOR CUSTOMIZED DENTAL CARE [54] SYSTEMES, DISPOSITIFS ET PROCEDES POUR SOINS DENTAIRES PERSONNALISES [72] PAI, NIDHI, US [72] PAI, AKASH, US [72] THIELMAN, SCOTT C., US [72] SADDER, JUAN F., US [72] TAYLOR, RICHARD K., US [71] ZEROBRUSH, INC., US [22] 2018-03-02 [41] 2018-09-07 [62] 3,055,198 [30] US (62/466,014) 2017-03-02 [30] US (62/466,010) 2017-03-02 [30] US (62/486,698) 2017-04-18</p>		

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<p>[21] 3,226,488 [13] A1</p> <p>[51] Int.Cl. H02J 7/10 (2006.01) H02K 1/16 (2006.01) H02K 3/28 (2006.01) H02K 3/48 (2006.01) H02M 3/24 (2006.01) H02M 7/219 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR CHARGING BATTERIES IN ELECTRIC APPARATUSES</p> <p>[54] SYSTEME ET METHODE DE RECHARGE DE BATTERIES DANS LES APPAREILS ELECTRIQUES</p> <p>[72] ZHU, ZHENGMAO, CA</p> <p>[71] ZHEJIANG HANMINGBO NEW ENERGY CO., LTD., CN</p> <p>[22] 2021-03-08</p> <p>[41] 2021-09-10</p> <p>[62] 3,136,176</p> <p>[30] US (62/986,232) 2020-03-06</p>
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<p>[21] 3,226,491 [13] A1</p> <p>[51] Int.Cl. C07C 17/395 (2006.01) C07C 17/25 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR MAKING 1,1,3,3-TETRACHLOROPROPENE</p> <p>[54] PROCEDE DE FABRICATION DE 1,1,3,3-TETRACHLOROPROPENE</p> <p>[72] KLAUSMEYER, RODNEY, US</p> <p>[72] HOLLIS, DARRELL G., US</p> <p>[72] KRAMER, KEITH S., US</p> <p>[72] DAWKINS, JOHN L., US</p> <p>[72] BURROWS, DERREK RAE, US</p> <p>[71] OCCIDENTAL CHEMICAL CORPORATION, US</p> <p>[22] 2015-05-14</p> <p>[41] 2015-11-19</p> <p>[62] 2,948,504</p> <p>[30] US (61/994,323) 2014-05-16</p>
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<p>[21] 3,226,507 [13] A1</p> <p>[25] EN</p> <p>[54] PARAMETER MONITORING AND CONTROL FOR AN ELECTRIC DRIVEN HYDRAULIC FRACKING SYSTEM</p> <p>[54] SURVEILLANCE ET CONTROLE DES PARAMETRES D'UN SYSTEME DE FRACTURATION HYDRAULIQUE A ENTRAINEMENT ELECTRIQUE</p> <p>[72] FISCHER, JOHN, US</p> <p>[72] CROSETTO, JOHN J., US</p> <p>[72] KUBRICHT, DAVID, US</p> <p>[72] CHEATHAM, RICHARD, US</p> <p>[72] POLLACK, JEFFREY, US</p> <p>[72] LAWMAN, CHAD, US</p> <p>[72] TODD, DAVID, US</p> <p>[72] NOLEN, TYLER, US</p> <p>[71] HALLIBURTON ENERGY SERVICES, INC., US</p> <p>[22] 2020-02-14</p> <p>[41] 2020-05-26</p> <p>[62] 3,072,788</p> <p>[30] US (62/805,521) 2019-02-14</p>

<p>[21] 3,226,609 [13] A1</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR ACTIVATING ACCOUNT CARD FUNCTIONS BASED ON PHYSICAL DEVICE INTERACTIONS</p> <p>[54] SYSTEMES ET PROCEDES D'ACTIVATION DES FONCTIONS D'UNE CARTE DE COMPTE EN SE BASANT SUR DES INTERACTION AVEC UN DISPOSITIF PHYSIQUE</p> <p>[72] STERN, MATTHEW, US</p> <p>[72] TANIGUCHI, MAKIKO, US</p> <p>[72] MAKOSKI, DAN, US</p> <p>[72] YANG, LIN, US</p> <p>[72] CEPRESS, CARL, US</p> <p>[72] ANDERSON, AUSTIN, US</p> <p>[72] DEPERRO, JASON, US</p> <p>[71] CAPITAL ONE SERVICES, LLC, US</p> <p>[22] 2016-08-10</p> <p>[41] 2017-02-16</p> <p>[62] 2,995,199</p> <p>[30] US (62/203,042) 2015-08-10</p>
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<p>[21] 3,226,610 [13] A1</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR A ROPE, FLAT-STRAP, AND BUNGEE SECURING DEVICE</p> <p>[54] SYSTEMES ET PROCEDES POUR UN DISPOSITIF DE FIXATION A CORDE, SANGLE PLATE ET EXTENSEUR</p> <p>[72] SEADER, REX, US</p> <p>[71] NITE IZE, INC., US</p> <p>[22] 2020-06-23</p> <p>[41] 2020-12-30</p> <p>[62] 3,142,509</p> <p>[30] US (16/453,822) 2019-06-26</p> <p>[30] US (16/583,071) 2019-09-25</p>

<p>[21] 3,226,735 [13] A1</p> <p>[25] EN</p> <p>[54] SURFACE CODE COMPUTATIONS USING AUTO-CCZ QUANTUM STATES</p> <p>[54] CALCULS DE CODE DE SURFACE A L'AIDE D'ETATS QUANTIQUES AUTO-CCZ</p> <p>[72] GIDNEY, CRAIG, US</p> <p>[72] FOWLER, AUSTIN GREIG, US</p> <p>[71] GOOGLE LLC, US</p> <p>[22] 2020-03-27</p> <p>[41] 2020-10-08</p> <p>[62] 3,135,494</p> <p>[30] US (62/826,142) 2019-03-29</p>

<p>[21] 3,226,775 [13] A1</p> <p>[25] EN</p> <p>[54] PLANNING AND CONTROL FOR MAGNETIC RESONANCE GUIDED RADIATION THERAPY</p> <p>[54] PLANIFICATION ET COMMANDE POUR RADIOTHERAPIE GUIDEES PAR RESONNANCE MAGNETIQUE</p> <p>[72] DEMPSEY, JAMES F., US</p> <p>[72] KAWRYKOW, IWAN, US</p> <p>[71] VIEWRAY TECHNOLOGIES, INC., US</p> <p>[22] 2016-02-11</p> <p>[41] 2016-08-18</p> <p>[62] 2,976,331</p> <p>[30] US (62/115,105) 2015-02-11</p>

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

<p style="text-align: right;">[21] 3,226,784</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] COMPOSITIONS AND METHODS FOR DETECTING A BIOLOGICAL CONTAMINANT</p> <p>[54] COMPOSITIONS ET METHODES DE DETECTION D'UN CONTAMINANT BIOLOGIQUE</p> <p>[72] MONPOEHO, SERGE, US</p> <p>[72] MINK, SHELDON, US</p> <p>[72] VESCIOS, PAUL, US</p> <p>[71] REGENERON PHARMACEUTICALS, INC., US</p> <p>[22] 2016-03-25</p> <p>[41] 2016-10-06</p> <p>[62] 2,980,915</p> <p>[30] US (62/139,321) 2015-03-27</p>	<p style="text-align: right;">[21] 3,226,819</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR SCANNING OF COHERENT LIDAR WITH FAN OF COLLIMATED BEAMS</p> <p>[54] PROCEDE ET SYSTEME DE BALAYAGE D'UN LIDAR COHERENT AVEC UN EVENTAIL DE FAISCEAUX COLLIMATES</p> <p>[72] CROUCH, STEPHEN C., US</p> <p>[72] ANGUS, EDWARD JOSEPH, US</p> <p>[72] MILVICH, MICHELLE, US</p> <p>[71] AURORA OPERATIONS, INC., US</p> <p>[22] 2019-07-25</p> <p>[41] 2020-02-13</p> <p>[62] 3,109,480</p> <p>[30] US (62/717,200) 2018-08-10</p>	<p style="text-align: right;">[21] 3,226,825</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61K 31/352 (2006.01) A61K 31/404 (2006.01) A61K 31/704 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR TREATING CANCER WITH A COMBINATION OF QUERCETIN AND A CHEMOTHERAPY AGENT</p> <p>[54] METHODE DE TRAITEMENT DU CANCER AVEC UNE COMBINAISON DE QUERCETINE ET D'UN AGENT CHIMIOTHÉRAPEUTIQUE</p> <p>[72] LINES, THOMAS CHRISTIAN, CH</p> <p>[71] QUERCIS PHARMA AG, CH</p> <p>[22] 2015-06-19</p> <p>[41] 2015-12-23</p> <p>[62] 2,952,953</p> <p>[30] US (62/014,488) 2014-06-19</p>
<p style="text-align: right;">[21] 3,226,788</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] METHODS OF INCREASING CROP YIELD UNDER ABIOTIC STRESS</p> <p>[54] PROCEDES POUR AUGMENTER LE RENDEMENT DE CULTURES SOUS STRESS ABIOTIQUE</p> <p>[72] PENNELL, ROGER I., US</p> <p>[72] WANG, WUYI, US</p> <p>[72] WU, CHUAN-YIN, US</p> <p>[72] PARIHAR, DWARKESH, IN</p> <p>[72] VERMA, PARESH, IN</p> <p>[72] KUMAR, VIJAY R., IN</p> <p>[72] RAO, SHRIDHAR J., IN</p> <p>[71] CERES, INC., US</p> <p>[22] 2015-07-15</p> <p>[41] 2016-01-21</p> <p>[62] 2,955,191</p> <p>[30] US (62/024,791) 2014-07-15</p>	<p style="text-align: right;">[21] 3,226,824</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C07D 401/06 (2006.01) A61K 31/4709 (2006.01) A61P 31/06 (2006.01) C07D 405/06 (2006.01)</p> <p>[25] EN</p> <p>[54] ANTIBACTERIAL COMPOUNDS AND USES THEREOF</p> <p>[54] COMPOSES ANTIBACTERIENS ET UTILISATIONS DE CEUX-CI</p> <p>[72] UPTON, ANNA MARIE, US</p> <p>[72] COOPER, CHRISTOPHER BLAIR, US</p> <p>[72] ANDRIES, KOENRAAD JOZEF LODEWIJK MARCEL, BE</p> <p>[72] GUILLEMONT, JEROME EMILE GEORGES, FR</p> <p>[72] VAN DEN BROECK, WALTER MARCEL MATHILDE, BE</p> <p>[72] PALMER, BRIAN DESMOND, NZ</p> <p>[72] MA, ZHENKUN, US</p> <p>[71] THE GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT, INC., US</p> <p>[71] JANSSEN PHARMACEUTICA NV, BE</p> <p>[22] 2017-03-07</p> <p>[41] 2017-09-14</p> <p>[62] 3,016,068</p> <p>[30] US (62/304,661) 2016-03-07</p>	<p style="text-align: right;">[21] 3,226,832</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H02J 13/00 (2006.01) H02H 7/26 (2006.01) H02J 3/46 (2006.01)</p> <p>[25] EN</p> <p>[54] CLOSED LOOP RESTORATION</p> <p>[54]</p> <p>[72] QUINLAN, MICHAEL, US</p> <p>[72] DESMOND, DANIEL, US</p> <p>[72] SHARON, YOAV, US</p> <p>[71] S&C ELECTRIC COMPANY, US</p> <p>[22] 2021-09-30</p> <p>[41] 2022-04-07</p> <p>[62] 3,197,307</p> <p>[30] US (63/086,219) 2020-10-01</p>

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<p style="text-align: right; margin-bottom: 0;">[21] 3,226,839</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[25] EN</p> <p>[54] ON-BOARD CHARGING STATION FOR A REMOTE CONTROL DEVICE</p> <p>[54] STATION DE CHARGE EMBARQUEE POUR UN DISPOSITIF DE COMMANDE A DISTANCE</p> <p>[72] WOODRUFF, VERN I., US [72] LUTHMAN, TRISHA M., US [72] SCHLOEMER, JAMES F., US [72] PULSKAMP, STEVEN R., US [72] MEIRING, DONALD T., US [72] SHINEW, MATTHEW T., US [72] PILCHER, KENT D., US [72] DUCKWORTH, PAUL C., US [72] HENDON, AUDREY, US [71] CROWN EQUIPMENT CORPORATION, US [22] 2019-12-18 [41] 2020-08-06 [62] 3,126,603 [30] US (62/800,032) 2019-02-01</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,226,863</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. H02J 13/00 (2006.01) H02H 7/26 (2006.01) H02J 3/46 (2006.01)</p> <p>[25] EN</p> <p>[54] RESTORATION MANAGEMENT</p> <p>[54] [72] QUINLAN, MICHAEL, US [72] MARENDRIC, BORIS, US [72] SHARON, YOAV, US [71] S&C ELECTRIC COMPANY, US [22] 2021-09-30 [41] 2022-04-07 [62] 3,197,307 [30] US (63/086,219) 2020-10-01</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,226,912</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[25] EN</p> <p>[54] PERSON SUPPORT APPARATUSES WITH MOTION MONITORING</p> <p>[54] APPAREILS DE SUPPORT DE PERSONNE A SURVEILLANCE DE MOUVEMENT</p> <p>[72] KOSTIC, MARKO N., US [72] GREENBANK, JONATHAN MARK, US [71] STRYKER CORPORATION, US [22] 2015-10-02 [41] 2016-04-21 [62] 2,960,740 [30] US (62/065,242) 2014-10-17</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,226,858</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. C08J 11/12 (2006.01) C08F 10/02 (2006.01)</p> <p>[25] EN</p> <p>[54] CIRCULAR ECONOMY FOR PLASTIC WASTE TO POLYTHYLENE VIA REFINERY CRUDE UNIT</p> <p>[54] ECONOMIE CIRCULAIRE DE DECHETS PLASTIQUES EN POLYETHYLENE PAR L'INTERMEDIAIRE D'UNE UNITE DE BRUT DE RAFFINERIE</p> <p>[72] TIMKEN, HYE-KYUNG, US [71] CHEVRON U.S.A. INC., US [22] 2020-12-23 [41] 2021-07-01 [62] 3,164,238 [30] US (62/952,636) 2019-12-23</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,226,873</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[25] EN</p> <p>[54] HEART VALVE PROSTHESIS AND DELIVERY</p> <p>[54] PROTHESE DE VALVULE CARDIAQUE ET POSE</p> <p>[72] WALSH, BRANDON G., US [72] ZHANG, JI, CA [72] YANG, CHENGYONG, US [72] ZHU, JINHUA, US [72] MCMAHON, DENNIS MICHAEL, US [71] JC MEDICAL, INC., US [22] 2019-01-04 [41] 2019-07-11 [62] 3,083,605 [30] US (62/614,489) 2018-01-07 [30] US (62/756,556) 2018-11-06 [30] US (62/781,537) 2018-12-18</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,226,914</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[25] EN</p> <p>[54] HIGH POWER DENSITY AND EFFICIENCY EPITROCHOIDAL ROTARY ENGINE</p> <p>[54] MOTEUR ROTATIF EPITROCHOIDE A RENDEMENT ET DENSITE DE PUISSANCE ELEVES</p> <p>[72] SHKOLNIK, ALEXANDER, US [72] SHKOLNIK, NIKOLAY, US [72] NICKERSON, MARK, US [72] LITTERA, DANIELE, US [72] KOPACHE, ALEXANDER, US [72] BECKER, KYLE, US [71] LIQUIDPISTON, INC., US [22] 2016-03-10 [41] 2016-09-15 [62] 2,977,569 [30] US (62/130,956) 2015-03-10 [30] US (62/137,584) 2015-03-24</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,226,890</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[25] EN</p> <p>[54] ACOUSTICALLY INSULATED MACHINE</p> <p>[54] MACHINE ISOLEE ACOUSTIQUEMENT</p> <p>[72] ROCKWELL, ANTHONY LEE, US [72] JOHNSON, PHILLIP J., US [72] TILTON, JEFFREY A., US [72] HILL, DONALD, US [71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US [22] 2016-11-04 [41] 2017-05-11 [62] 3,004,434 [30] US (62/251,914) 2015-11-06</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,226,948</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[25] EN</p> <p>[54] MEASUREMENT AND CONTROL OF BITUMEN-CONTAINING PROCESS STREAMS</p> <p>[54] MESURE ET CONTROLE DE FLUX DE TRAITEMENT CONTENANT DU BITUME</p> <p>[72] KADALI, RAMESH, CA [72] FENG, ENBO, CA [71] SUNCOR ENERGY INC., CA [22] 2013-11-29 [41] 2014-05-30 [62] 3,111,215 [30] US (61/732,143) 2012-11-30</p>	

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[21] **3,226,993**

[13] A1

[51] **Int.Cl. B62B 7/06 (2006.01) B62B 7/04**
(2006.01) B62B 7/14 (2006.01) B62B
9/28 (2006.01)

[25] EN

[54] **MULTI CHILD STROLLER**

[54] **POUSSETTE POUR PLUSIEURS
ENFANTS**

[72] TAYLOR, ANDREW J., US

[72] HAUT, ROBERT E., US

[71] WONDERLAND SWITZERLAND
AG, CH

[22] 2020-05-07

[41] 2020-11-07

[62] 3,080,379

[30] US (62/844333) 2019-05-07

[30] US (62/884375) 2019-08-08

[21] **3,227,015**

[13] A1

[25] EN

[54] **PATINATED OR PATINA-READY
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[54] **CARTES DE TRANSACTION
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OU PRETES POUR LA PATINE ET
PROCEDES DE FABRICATION**

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[71] COMPOSECURE, LLC, US

[22] 2018-01-23

[41] 2018-08-02

[62] 3,050,116

[30] US (62/450,792) 2017-01-26

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FLEISSNER, JULIANE	3,011,767	GREENFIELD, GILES	2,907,431	HOBAEK, THOR CHRISTIAN	2,989,775
FLOWSERVE PTE. LTD.	3,116,867	GREINER, DAN	2,961,690	HOERNICKE, MARIO	3,198,539
FLYNN, KYLE P.	2,981,498	GRIFOLS, S.A.	2,937,089	HOFF, EGON	3,155,741
FM MARKETING GMBH	3,004,516	GRINSVEN VAN, BART		HOFFMANN, KARIN	3,108,844
FOGELMAN, ALAN M.	2,868,982	ROBERT NICOLAAS	3,004,786	HOLMES, WESLEY SCOTT	3,000,511
FORD, MARK JAMES	2,984,696	GRUBSTEIN, KATHERINE		HOLTSBERG, FREDERICK WAYNE	2,916,231
FOSTER, JOSEPH	3,108,212	YERRE	2,936,774	HONG, STANLEY S.	3,138,752
FOSTER, TOM	3,158,616	GRUSCHOW, ROBERT	3,000,511	HOPP-KRAEMER, SARAH	2,950,988
FRAMATOME GMBH	3,136,561	GUILMET, ALAIN	2,987,840	HORIUCHI, YASUHIDE	3,057,820
FRAME, LESLEY D.	3,008,659	GURER, CAGAN	2,980,771	HOTEMA, MARTHA R.	2,998,681
FRANCAVIGLIA, NATALE	2,954,399	GUTIERREZ, CARLOS		HOTTA, JOANN	2,937,089
FRANJIC, KRESIMIR	3,057,162	ALBERTO HERNANDEZ	3,197,227	HUANG, HONGZHOU	3,059,120
FRANK, HANS GUNNAR	3,134,738	HABERMAN, SETH	2,880,925	HUANG, JIANXING	3,123,897
FRANK, R. KEITH	3,052,973	HACKLEY, JUSTIN C.	3,121,783	HUGHES NETWORK SYSTEMS, LLC	3,048,100
FRASER, GARTH JOHN	3,113,704	HADAL, INC.	3,108,934	HULLENKREMER, FELIX	3,155,741
FRATI, SANDRO	3,118,179	HAGE, MATTHEW	3,138,752	HUNT, KRISTAL K.	3,165,285
FREEWHEEL MEDIA, INC.	2,879,522	HAGEN-EGGERT, MARTIN	3,067,883	HUNTER, WILLIAM L.	2,990,821
FREEWHEEL MEDIA, INC.	2,880,925	HALDENBY, PERRY AARON		HUNTINGTON, MICHAEL DANA	3,054,176
FRIEDRICH BEN NUN, INBAR	2,985,714	JONES	2,943,756	HWANG, SUNG-HEE	2,923,467
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FULL, ANDREW P.	3,155,448	HAMPAPURAM, HARI	3,195,399	IL DONG PHARMACEUTICAL CO., LTD.	2,996,937
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GANNON, STEPHEN J.	3,057,108	HANNIG, HANS-JURGEN	2,950,821		
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METTLER-TOLEDO RAININ, LLC	3,011,767	NEFF, MICHAEL	2,962,313	DIAGNOSTICS, INC.	3,143,569
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MEYER, FLORIAN	3,152,063	NERZ, BERND	2,961,690	OSHIDA, KEIYU	2,980,259
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MILLET, YVES ALAIN	2,913,134	NESTLER, MONTIA	3,004,481	OSTBY, JOAR MARTIN	3,002,891
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MONGRENIER, JEAN-CLAUDE	3,012,870	NIPPON ZOKI	3,191,995	PANI, DIANA	3,069,382
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EQUIPMENT CO., LTD.	3,219,902	GORSUCH, ALEXANDER	3,226,663	HALLIBURTON ENERGY
GEARING, ANDREW	3,226,259	GOSWAMI, GORA	3,226,667	SERVICES, INC.
GECKO ROBOTICS, INC.	3,173,120	GOTTESMAN, YANECK	3,226,115	HALLIBURTON ENERGY
GEERDES, HENDRIK		GOUSSET, CEDRIC	3,226,092	SERVICES, INC.
ADRIAAN MARIUS	3,161,923	GOVERO, JENNIFER L.	3,226,688	HAMRIN, JOHN EDWARD
GEFFEN, YONA	3,226,076	GOVINDARAJAN,		HAN, DAMI
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GENERAL MILLS, INC.	3,226,882	GRAHAM PACKAGING		HAN, XUEJUN
GENERATION BIO CO.	3,186,033	COMPANY, L.P.	3,226,260	HAN, YAO
GENETHON	3,226,119	GRAHAM, NEIL	3,227,014	HANEJKO, FRANCIS GARY
GENG, YANAN	3,226,306	GRASSO, GIOVANNI A.	3,227,082	HANGZHOU UNOGEN
GENTSCH, GEORGE	3,226,089	GRATE, STEVEN D.	3,166,451	BIOTECH, LTD
GEORGETOWN UNIVERSITY	3,226,436	GREEN HYDROGEN SYSTEMS		HANSEN, MARTIN KALMAR
GEORGIA TECH RESEARCH		A/S	3,226,975	HAQUE, AHSANUL
CORPORATION	3,190,198	GREEN, DENNIS E.	3,225,936	HARADA, TOSHIYA
GERGES, NERMIN AWAD		GREENLIGHT BIOSCIENCES,		HARB, REDA
SAMIR	3,226,111	INC.	3,226,800	HARDING, NICHOLAS
GERHART, ANNE	3,226,997	GREENSTEIN, STEVEN	3,226,395	HARISH GOPALA PILLAI,
GERKE, BIRGIT	3,226,567	GREENWOOD, ROLAND	3,226,103	RAMAN NAIR
GERNERT, DOUGLAS LINN	3,221,317	GREER, BENJAMIN JOSEPH	3,226,286	HARKIN, JIM
GET TOGETHER AI, INC.	3,226,439	GREGOIRE, GILLES	3,226,981	HARLOW, KENNETH
GETZ, JAMES W.	3,226,894	GREGOIRE, THOMAS	3,226,229	HARMS, WILKO
GGB LLC	3,155,411	GRICE, CHERYL A.	3,226,869	HARRIS, COLBY
GH RESEARCH IRELAND		GRIFONI, FULVIO	3,226,653	HARRY, BRIAN L.
LIMITED	3,226,980	GRINNELL, TODD	3,226,053	HART, DANIEL O.
GHERARDI, ALESSANDRO	3,226,601	GRINSTAFF, MARK	3,226,939	HARTENSTINE, CURTIS M.
GHORBANI, ARASH	3,226,482	GROFF, JOHN	3,174,225	HARTMANN, WLADICK
GIBERT, BENJAMIN	3,226,530	GROFF, JOHN	3,174,230	HARTOONIAN-PARIZEK,
GIESBERS, ADRIANUS		GROSHEVA, DARIA	3,226,468	GRAHAM R.
JOHANNES MARIA	3,190,800	GRTGAZ	3,226,880	HARTWIG, ZACHARY
GILEAD SCIENCES, INC.	3,226,118	GRUDA, LIRAN	3,226,867	HASELAGER, MARCO
GILES, CLINTON RANDY	3,221,063	GRZYBEK, MICHAL		VINCENT
GIRODET, LAURENT	3,226,043	GU, QINGWEN	3,226,102	HASELSTEINER, THOMAS
GISH, MICHAEL E.	3,174,230	GUARDANT HEALTH, INC.	3,200,628	3,191,152
GITLAB INC.	3,226,228	GUARDIAN PARTNERS, LLC	3,226,643	HASENZAHL, THOMAS
GIVEN, PAIGE RENE	3,226,891	GUERNAH, ILHEM	3,227,020	3,226,392
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GLANTZ, SPENCER	3,189,200	GUERRERO, JOSE	3,226,741	3,226,055
GLANVILLE, NICHOLAS	3,226,844	GUIDUCCI, CRISTIANA	3,226,815	HASS CO., LTD.
GLENCORE TECHNOLOGY		GUILLAUMONT, CHLOE	3,226,590	3,226,623
PTY LIMITED	3,226,841	GUILLEMIN, FABRICE	3,226,590	HASSAN, ALEXANDER
GLICKSMAN, MARCIE	3,226,884	GUILLOU, PIERROT	3,226,094	TAREK
GLINKA, MICHAEL	3,180,570	GUILLOU, PIERROT	3,226,598	3,226,286
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HENRY	3,226,524	GULVE, SANDIP SAHEBRAO	3,226,982	3,226,803
GODFREY, MATTHEW MARK	3,226,105	GUNDA, SIDDHARTHA	3,226,982	3,226,987
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HERNANDEZ RODRIGUEZ, ROBERTO	3,180,597	HSU, SHUN TSUNG	3,178,355	TRANSFER SERVICES	
HERNANDEZ, THIBAULT	3,167,311	HSU, TIEN SHU	3,178,355	USA, LLC	3,169,937
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HICKLE, COLIN	3,226,977	HU, CHAOSHUN	3,226,891	TRANSFER SERVICES	
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HINTERSTEINER-WENZEL, MARTIN	3,226,503	HUANG, GUOGANG	3,226,178	TECHNOLOGIES LLC	3,226,389
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HIRSON, DESMOND	3,226,504	HUANG, SU	3,226,178	CO OG	3,226,191
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		HUME, JOSHUA	3,226,319	INSTITUT NATIONAL DE LA	
		HUNT, SEAN	3,226,379	SANTE ET DE LA	
		HUROWITZ, STEFANIE	3,226,446	RECHERCHE MEDICALE	
		ALYSE	3,226,465	(INSERM)	3,226,530
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KJELLSTRAND, RASMUS	3,226,513	KRYZA, DAVID	3,227,038	LANGLEY, EMMA	3,226,987
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NASANURU, ABHISHEK SAI	3,226,987	LIMITED	3,226,554	NOVO INTEGRATED
NASEER, MUHAMMAD MOHSIN		NICOVENTURES TRADING	3,226,558	SCIENCES INC.
NAU, STEFAN	3,226,459	LIMITED	3,226,558	NUPULSECV, INC.
NAUDI, FREDERIC	3,226,092	NICOVENTURES TRADING	3,226,565	NURIX THERAPEUTICS, INC.
NAWTER TECH, S.L.U.	3,226,050	LIMITED	3,226,565	NURIX THERAPEUTICS, INC.
NAYAK, GAUTAM	3,226,643	NICOVENTURES TRADING	3,226,606	NUSZ, TIMOTHY F.
NEARME ENTERTAINMENT, INC.	3,226,589	LIMITED	3,226,639	NUZZO, DANIELE
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NELSON, NORM	3,226,451	NICOVENTURES TRADING	3,226,652	O'HARA, STEPHEN
NEMANI, ARUN	3,226,624	LIMITED	3,226,652	O'NEAL, DENNIS PATRICK
NEMCHINOV, SERGEY GEORGIEVICH	3,225,726	NICOVENTURES TRADING	3,226,656	O'NEILL, STEPHEN J.
NEMETH, HUBA	3,226,509	LIMITED	3,226,656	O'SHAUGHNESSY, SEAMUS
NEMETH, HUBA	3,226,698	NICOYA LIFESCIENCES INC.	3,225,938	FINBARR
NEMTYSHKIN, OLEG	3,174,225	NIGLON LIMITED	3,226,503	O'SULLIVAN, MATHEW
		NIJLAND, WILHELM JAN	3,226,963	OBA, ITTETSU
				OBEROI, PANKAJ
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				3,226,814
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