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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.

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.

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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
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[54] - Title of Invention
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[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'indentification 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), sise 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

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 méga-octets qui excède 7 méga-octets, 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.

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. 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).

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. 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

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

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

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).

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.

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 57.2*a*)) **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).

(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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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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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.

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. 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

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 retournés à l'expéditeur.

Le formulaire de paiements des frais devrait toujours être

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

except statutory holiday

- 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

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

- Innovation, Science and Economic Development Canada
  Library Square
  300 West Georgia Street, Suite 2000
  Vancouver BC V6B 6E1
  Tel.: 604-666-5000

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

l'exception des jours fériés

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

- Innovation, Sciences et Développement économique Canada
  Library Square
  300, rue Georgia Ouest, pièce 2000
  Vancouver (C.-B.) V6B 6E1
  Tél. : 604-666-5000

  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

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.

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. 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

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,

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).

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 ou l'OPIC l'a reçue (Heure de l'Est).

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.

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 inconvénients 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.

Patents

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

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 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.

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.

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.

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.

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.

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.

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

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

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;

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.

:

- 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

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.

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

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.

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.

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 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 discrétion 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.

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.

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.

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.

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. 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 "Stellent 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

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 « Stellent 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.

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.

4. Renseignements généraux

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

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

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

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;

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 (1er 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 (1er juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;

- 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 considéré avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou règlementaires 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 règlementaires 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

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.

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.

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.

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.

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

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

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

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

- 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 June 29, 2021 contains applications open to public inspection from June 13, 2021 to June 19, 2021.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 29 juin 2021 contient les demandes disponibles au public pour consultation pour la période du 13 juin 2021 au 19 juin 2021.

Canadian Patents Issued

June 29, 2021

Brevets canadiens délivrés

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[54] **DIFFERENCIATION DE CELLULES SOUCHES PLURIPOTENTES DE PRIMATE EN CELLULES DE LIGNAGE HEMATOPOIETIQUE**
[72] TSENG, SUYI, US
[72] MAJUMDAR, ANISH SEN, IN
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[54] **METHOD TO IMPROVE VIRUS REMOVAL IN PROTEIN PURIFICATION**
[54] **PROCEDE PERMETTANT D'AMELIORER L'ELIMINATION D'UN VIRUS LORS DE LA PURIFICATION DES PROTEINES**
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[54] **PROCEDE DE PREPARATION D'UN PRODUIT DE FERMENTATION A PARTIR DE MATERIAU RENFERMANT DE LA LIGNOCELLULOSE**
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[54] **METHOD OF REMOVING POLYMERASE CHAIN REACTION (PCR) INHIBITORS FROM A SAMPLE USING .BETA.-CYCLODEXTRIN AND ACTIVATED CHARCOAL COATED WITH BENTONITE**
[54] **PROCEDE D'ELIMINATION D'INHIBITEURS DE REACTION EN CHAINE DE LA POLYMERASE (PCR) A PARTIR D'UN ECHANTILLON AU MOYEN DE BETA-CYCLODEXTRINE ET DE CHARBON ACTIF REVETU DE BENTONITE**
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[72] DINCER, IBRAHIM, CA
[72] ZAMFIRESCU, CALIN, CA
[73] UNIVERSITY OF ONTARIO, CA
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[54] **SELS OU CO-CRISTAUX DE 3-(3-DIMETHYLAMINO-1-ETHYL-2-METHYL-PROPYL)-PHENOL**
[72] GRUSS, MICHAEL, DE
[72] KRASZEWSKI, MAGDA, DE
[73] GRUNENTHAL GMBH, DE
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[54] **COMPOSITIONS DE CERAMIQUE A BASE DE SILICATES SANS CHROME**
[72] BELOV, IRINA, US
[72] COPELAND, DARYL G., US
[73] PRAXAIR S.T. TECHNOLOGY, INC., US
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[54] **PEPTIDES DESTINES A LA SUPPRESSION DE L'INFLAMMATION**
[72] LASKOWITZ, DANIEL T., US
[72] DAWSON, HANA, US
[72] KOLLS, BRAD, US
[73] DUKE UNIVERSITY, US
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[54] **A METHOD OF ANALYSING A BLOOD SAMPLE OF A SUBJECT FOR THE PRESENCE OF A DISEASE MARKER**
[54] **METHODE D'ANALYSE D'ECHANTILLON SANGUIN D'UN SUJET POUR DETECTER LA PRESENCE D'UN MARQUEUR DE MALADIE**
[72] WURDINGER, THOMAS, NL
[72] NILSSON, ROLF JONAS, NL
[73] STICHTING VUMC, NL
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[54] **METHOD AND SYSTEM FOR CURRENT DIFFERENTIAL PROTECTION**
[54] **METHODE ET SYSTEME POUR PROTECTION DE DIFFERENTIEL DE COURANT**
[72] PAN, YAN, US
[72] PREMERLANI, WILLIAM JAMES, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2836003)
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[54] **BREATHING DISORDER IDENTIFICATION, CHARACTERIZATION AND DIAGNOSIS METHODS, DEVICES AND SYSTEMS**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES D'IDENTIFICATION, DE CARACTERISATION ET DE DIAGNOSTIC D'UN TROUBLE RESPIRATOIRE**
[72] ALSHAER, HISHAM, CA
[72] FERNIE, GEOFFREY ROY, CA
[72] BRADLEY, T. DOUGLAS, CA
[72] AKL, AHMAD ZIAD, CA
[73] UNIVERSITY HEALTH NETWORK, CA
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[54] **CONTROLLED RELEASE PEPTIDE FORMULATIONS**
[54] **FORMULATIONS PEPTIDIQUES A LIBERATION CONTROLEE**
[72] TIBERG, FREDRIK, SE
[72] NISTOR, CATALIN, SE
[72] JOHNSSON, MARKUS, SE
[73] CAMURUS AB, SE
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[54] **BIOLOGICAL METHODS FOR PREPARING A FATTY DICARBOXYLIC ACID**
[54] **PROCEDES BIOLOGIQUES POUR LA PREPARATION D'ACIDE GRAS DICARBOXYLIQUE**
[72] BEARDSLEE, TOM, US
[72] PICATAGGIO, STEPHEN, US
[72] HUTAGALUNG, ALEX, US
[72] FAHLAND, TOM, US
[73] RADICI CHIMICA S.P.A., IT
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[54] **SEAL DEVICES FOR FILTERS**
[54] **DISPOSITIFS DE JOINT D'ETANCHEITE POUR FILTRES**
[72] BURNS, DAVID J., US
[72] CLOUD, DANIEL M., US
[72] JONES, ARTIMUS CHARLES, US
[72] BOSWELL, TYLER GLENN, US
[73] PAKER-HANNIFIN CORPORATION, US
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[54] **ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD**
[54] **ESSAI POUR CAPTURER ET DETECTER DES CELLULES DE MYELOME MULTIPLE CIRCULANTES A PARTIR DE SANG**
[72] GROSS, STEVEN, US
[72] CONNELLY, MARK CARLE, US
[72] RAO, GALLA CHANDRA, US
[72] MATA, MARIELENA, US
[72] MORANO, CARRIE, US
[73] JANSSEN DIAGNOSTICS, LLC, US
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[54] **FUEL INJECTION PUMP**
[54] **POMPE D'INJECTION DE CARBURANT**
[72] VAN ALLSBURG, MIKE, US
[72] DEVRIES, PHILIP J., US
[72] SPOOLSTRA, GREGG R., US
[72] HARKEMA, RANDALL C., US
[73] EXERGY ENGINEERING LLC, US
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[54] **PRESSE VIBRANTE A VIDE POUR LA FORMATION DE DALLES DE PIERRE COMPOSITE**
[72] BANUS, CHRISTOPHER T., US
[85] 2014-02-19
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[54] **DROPPED CEILING FAN**
[54] **VENTILATEUR POUR FAUX-PLAFOND**
[72] GARDNER, KIRT T., US
[72] NOONAN, THOMAS F., US
[73] NOONAN, THOMAS F., US
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[54] **AIRCRAFT OXYGEN EMERGENCY APPARATUS WITH QUICK RELEASE BOX**
[54] **DISPOSITIF D'APPROVISIONNEMENT D'URGENCE EN L'OXYGENE DANS UN AVION, DOTE D'UNE BOITE DE DECLENCHEMENT RAPIDE**
[72] HOLLM, MARCO, DE
[72] WEINMANN, HASSO, DE
[72] WESTPHAL, ANDREAS, DE
[72] RITTNER, WOLFGANG, DE
[72] MECKES, RUDIGER, DE
[72] HOFFMANN, FREDERIK, DE
[72] DUCOS, ROMAIN, DE
[72] BOOMGAARDEN, GUNTER, DE
[72] FLECZOK, BENJAMIN, DE
[73] SAFRAN AEROTECHNICS SAS, FR
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[54] **REACTIF DE LIBERATION POUR DES COMPOSES DE VITAMINE D**
[72] ANTONI, SASCHA, DE
[72] VOGL, CHRISTIAN, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO**
[54] **COMPOSITIONS PESTICIDES ET PROCEDES ASSOCIES**
[72] NIYAZ, NOORMOHAMED M., US
[72] GARIZI, NEGAR, US
[72] ZHANG, YU, US
[72] TRULLINGER, TONY K., US
[72] HUNTER, RICKY, US
[72] BUYSSE, ANN M., US
[72] KUBOTA, ASAKO, US
[72] LEPLAE, PAUL RENEE, US
[72] KNUEPPEL, DANIEL, US
[72] LOWE, CHRISTIAN T., US
[72] PERNICH, DAN, US
[72] DEMETER, DAVID A., US
[72] JOHNSON, TIMOTHY C., US
[73] DOW AGROSCIENCES LLC, US
[85] 2014-04-16
[86] 2012-10-24 (PCT/US2012/061508)
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[25] EN
[54] **COMPOSITIONS FOR TREATING BONE DISEASES AND BROKEN BONES**
[54] **COMPOSITIONS POUR TRAITER LES MALADIES OSSEUSES ET LES FRACTURES OSSEUSES**
[72] GENBERG, CARL, US
[72] SAVAGE, PAUL B., US
[73] BRIGHAM YOUNG UNIVERSITY, US
[85] 2014-03-12
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[54] **AUTOMATED SYSTEM FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS OR DIFFERENTIATED CELLS**
[54] **SYSTEME AUTOMATISE POUR LA PRODUCTION DE CELLULES SOUCHES PLURIPOTENTES INDUITES OU DE CELLULES DIFFERENCIEES**
[72] NOGGLE, SCOTT, US
[72] EGGAN, KEVIN, US
[72] CHANG, STEPHEN, US
[72] SOLOMON, SUSAN L., US
[73] NEW YORK STEM CELL FOUNDATION, US
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[54] **AUXILIARY BEARING OF THE BALL BEARING TYPE FOR A MAGNETICALLY SUSPENDED ROTOR SYSTEM**
[54] **SUPPORT AUXILIAIRE DE TYPE A ROULEMENT A BILLES POUR UN SYSTEME DE ROTOR SUSPENDU DE FACON MAGNETIQUE**
[72] PONSON, FREDERIC, FR
[72] BENDAOUD, MOHAMED, FR
[72] OLIVA, MATTHIEU, FR
[72] DA SILVA, JOAQUIM, FR
[72] ANDERS, JENS, FR
[73] SKF MAGNETIC MECHATRONICS, FR
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[25] EN
[54] **A PROCESS FOR PREPARING TRANSPARENT/SEMI-TRANSPARENT COLOR DISPERSIONS AND THE COLOR DISPERSIONS MADE THEREOF**
[54] **PROCEDE DE PREPARATION DE DISPERSIONS DE COULEUR TRANSPARENTES OU SEMI-TRANSPARENTES ET DISPERSIONS DE COULEUR AINSI PREPAREES**
[72] YUN, DONG, CN
[72] WANG, CAIFENG, CN
[72] WANG, YUJIANG, CN
[72] JIANG, SIYUAN, CN
[72] LIU, HUI, CN
[73] ROHM AND HAAS COMPANY, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **CHITOSAN-DERIVED COMPOSITIONS**
[54] **COMPOSITIONS DERIVEES DU CHITOSANE**
[72] NORDQUIST, ROBERT E., US
[72] CHEN, WEI R., US
[72] CARUBELLI, RAOUL, US
[72] ALLERUZZO, LUCIANO, US
[72] JENKINS, PETER, US
[72] WAYNANT, KRISTOPHER, US
[72] RAKER, JOSEPH, US
[72] HODE, TOMAS, US
[73] IMMUNOPHOTONICS, INC., US
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[54] **REACTIVE MULTI-FUNCTIONAL ADDITIVES FOR COATINGS COMPOSITIONS**
[54] **ADDITIFS MULTIFONCTIONNELS REACTIFS POUR COMPOSITIONS DE REVETEMENTS**
[72] BALIJEPALLI, SUDHAKAR, US
[72] MAURICE, ALVIN MICHAEL, US
[72] DOLL, PAUL, US
[72] WERNESS, JENNY B., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[73] ROHM AND HAAS COMPANY, US
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[25] EN
[54] **HEAT INTEGRATED REFORMER WITH CATALYTIC COMBUSTION FOR HYDROGEN PRODUCTION**
[54] **REFORMEUR INTEGRE A LA CHALEUR A COMBUSTION CATALYTIQUE POUR PRODUCTION D'HYDROGENE**
[72] VERYKIOS, XENOPHON, GR
[72] HALKIDES, THOMAS, GR
[72] STAVRAKAS, ANDREAS, GR
[72] BASAGIANNIS, ARIS, GR
[73] HELBIO SOCIETE ANONYME HYDROGEN AND ENERGY PRODUCTION SYSTEMS, GR
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[54] **COMPUTATIONALLY OPTIMIZED BROADLY REACTIVE ANTIGENS FOR HUMAN AND AVIAN H5N1 INFLUENZA**
[54] **ANTIGENES LARGEMENT REACTIFS OPTIMISES PAR ORDINATEUR POUR LA GRIPPE H5N1 HUMAINE ET AVIAIRE**
[72] ROSS, TED M., US
[72] CREVAR, COREY J., US
[72] GILES, BRENDAN M., US
[73] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[54] **DETECTION AND TREATMENT OF CD30+ CANCERS**
[54] **DETECTION ET TRAITEMENT DES LYMPHOMES T A GRANDES CELLULES CD30+**
[72] ALBERTSON, TINA, US
[72] SMITH, MARIA L., US
[73] SEATTLE GENETICS, INC., US
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[54] **AGRICULTURAL COMBINE WITH WINDROW CONTROL CIRCUIT**
[54] **MOISSONNEUSE-BATTEUSE AGRICOLE POURVUE D'UN CIRCUIT DE COMMANDE D'ANDAIN**
[72] PETERS, JOHN L., US
[72] ADAMSON, JAMES K., US
[72] PATTON, STEPHEN M., US
[73] DEERE & COMPANY, US
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[25] EN
[54] **DOUBLE FORTIFIED SALT COMPOSITION CONTAINING IRON AND IODINE AND PROCESS FOR THE PREPARATION THEREOF**
[54] **COMPOSITION DE SEL DOUBLEMENT FORTIFIEE CONTENANT DU FER ET DE L'IODE ET SON PROCEDE DE PREPARATION**
[72] CHUNAWALA, JATIN RAMESHCHANDRA, IN
[72] GHOSH, PUSHPITO KUMAR, IN
[72] GANDHI, MAHESHKUMAR RAMNIKLAL, IN
[72] MEHTA, SATISH HARIRAY, IN
[72] SHETH, MRUNALBEN VINODRAY, IN
[72] MONDAL, DIBYENDU, IN
[73] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
[85] 2014-08-27
[86] 2013-03-04 (PCT/IN2013/000124)
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[51] **Int.Cl. C08L 1/02 (2006.01) C08H 8/00 (2010.01) C09D 7/43 (2018.01)**
[25] EN
[54] **CELLULOSE PLATELET COMPOSITIONS, METHODS OF PREPARING CELLULOSE PLATELET COMPOSITIONS AND PRODUCTS COMPRISING SAME**
[54] **COMPOSITIONS DE PLAQUETTES DE CELLULOSE, PROCEDES DE PREPARATION DE COMPOSITIONS DE PLAQUETTES DE CELLULOSE ET LEURS PRODUITS**
[72] HEPWORTH, DAVID, GB
[72] WHALE, ERIC, GB
[73] CELLUCOMP LIMITED, GB
[73] COSUN BIOBASED PRODUCTS B.V., NL
[85] 2014-08-28
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[25] EN
[54] **REGENERABLE SOLVENT MIXTURES FOR ACID-GAS SEPARATION**
[54] **MELANGES DE SOLVANTS REGENERABLES POUR LA SEPARATION DES GAZ ACIDES**
[72] LAIL, MARTY, US
[72] COLEMAN, LUKE, US
[73] RESEARCH TRIANGLE INSTITUTE, US
[85] 2014-08-29
[86] 2013-03-01 (PCT/US2013/028660)
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[54] **LOW PRESSURE ARC PLASMA IMMERSION COATING VAPOR DEPOSITION AND ION TREATMENT**
[54] **DEPOT EN PHASE VAPEUR D'UN REVETEMENT PAR IMMERSION DANS UN PLASMA PAR ARC ELECTRIQUE A FAIBLE PRESSION ET TRAITEMENT AUX IONS**
[72] GOROKHOVSKY, VLADIMIR, US
[72] GRANT, WILLIAM, US
[72] TAYLOR, EDWARD, US
[72] HUMENIK, DAVID, US
[73] VAPOR TECHNOLOGIES, INC., US
[86] (2867451)
[87] (2867451)
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[54] **LYSIN-GLUTAMIC ACID DIPEPTIDE DERIVATIVES**
[54] **DERIVES DIPEPTIDIQUES LYSINE/ACIDE GLUTAMIQUE**
[72] PUENTENER, KURT, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **AQUEOUS HERBICIDE CONCENTRATES CONTAINING FATTY ACID ALKYL ESTERS, FATTY ACID AMIDES, OR TRIGLYCERIDE FATTY ACID ESTERS AND METHODS OF USE**
[54] **CONCENTRES HERBICIDES AQUEUX CONTENANT DES ESTERS ALKYLIQUES D'ACIDES GRAS, DES AMIDES D'ACIDES GRAS, OU DES ESTERS D'ACIDE GRAS DE TRIGLYCERIDE ET PROCEDES D'UTILISATION**
[72] SHAO, HUI, US
[72] ZHANG, HONG, US
[72] TANK, HOLGER, US
[72] LI, MEI, US
[72] QIN, KUIDE, US
[72] LIU, LEI, US
[72] WILSON, STEPHEN L., US
[73] DOW AGROSCIENCES LLC, US
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[25] EN
[54] **LOWER END FITTING LOCKNUT FOR NUCLEAR FUEL ASSEMBLY**
[54] **ECROU DE BLOCAGE DE RACCORD D'EXTREMITE INFERIEURE POUR ENSEMBLE DE COMBUSTIBLE NUCLEAIRE**
[72] ULLMANN, JULIUS M., US
[72] WALTON, LEWIS A., US
[72] JOHNSON, MARY W., US
[73] BWXT MPOWER, INC., US
[85] 2014-10-09
[86] 2013-02-06 (PCT/US2013/024814)
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[25] EN
[54] **SECURE ZONE FOR SECURE PURCHASES**
[54] **ZONE SECURISEE POUR DES ACHATS SECURISES**
[72] IGNATCHENKO, SERGEY, AT
[72] IVANCHYKHIN, DMYTRO, UA
[73] OLOGN TECHNOLOGIES AG, LI
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[25] EN
[54] **SOUND-BASED SPIROMETRIC DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES SPIROMETRIQUES BASES SUR UN SON**
[72] PATEL, SHWETAK N., US
[72] GOEL, MAYANK, US
[72] LARSON, ERIC C., US
[73] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[85] 2014-11-05
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[54] **ROTOR SENSOR TARGET FOR MAGNETIC BEARINGS**
[54] **CAPTEUR CIBLE DE ROTOR POUR PALIERS MAGNETIQUES**
[72] CARRASCO, EDUARDO, FR
[73] SKF MAGNETIC MECHATRONICS, FR
[86] (2874305)
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[54] **METHOD FOR DIAGNOSING AND DIFFERENTIATING HIV-2 INFECTIONS**
[54] **PROCEDE POUR DIAGNOSTIQUER ET DIFFERENCIER DES INFECTIONS PAR LE VIH-2**
[72] CHAUMAT, PIERRE, FR
[73] BIO-RAD EUROPE GMBH, CH
[85] 2014-11-25
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[25] FR
[54] **USE OF CO2 FOR DEACTIVATING A CELLULOLYTIC MICROORGANISM USED IN THE BIOCHEMICAL CONVERSION OF LIGNOCELLULOSIC MATERIALS**
[54] **UTILISATION DU CO2 POUR LA DESACTIVATION D'UN MICROORGANISME CELLULOLYTIQUE UTILISE DANS LA CONVERSION BIOCHIMIQUE DE MATERIAUX LIGNO-CELLULOSIQUES**
[72] BEN CHAABANE, FADHEL, FR
[72] LOURET, SYLVAIN, FR
[73] IFP ENERGIES NOUVELLES, FR
[85] 2014-12-01
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[25] EN
[54] **MOLECULAR MALIGNANCY IN MELANOCYTIC LESIONS**
[54] **MALIGNITE MOLECULAIRE DANS DES LESIONS MELANOCYTIQUES**
[72] WANG, HUI, US
[72] ROBERTS, CHRISTOPHER, US
[72] MADDULA, KRISHNA, US
[72] LU, ZHENQUIANG, US
[72] BROWN, JUSTIN, US
[72] VASICEK, TOM, US
[72] KERNS, B.J., US
[72] SELIGMANN, BRUCE, US
[72] HOON, DAVE S.B., US
[73] JOHN WAYNE CANCER INSTITUTE, US
[73] HTG MOLECULAR DIAGNOSTICS, INC., US
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[54] **ATRAUMATIC IOL INSERTION CARTRIDGE OPENING**
[54] **OUVERTURE DE CARTOUCHE D'INSERTION DE LIO SANS TRAUMATISME**
[72] SAFABASH, JASON H., US
[72] GAYLORD, DAVID W., US
[72] SPRINGER, KEVIN R., US
[73] JOHNSON & JOHNSON SURGICAL VISION, INC., US
[85] 2014-12-04
[86] 2014-03-03 (PCT/US2014/019987)
[87] (WO2014/137925)
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[54] **GROWTH ENHANCEMENT OF PLANT**
[54] **AMELIORATION DE LA CROISSANCE D'UNE PLANTE**
[72] JI, PENGFEI, CN
[72] CRISTOBAL, GALDER, SG
[73] RHODIA OPERATIONS, FR
[85] 2014-12-31
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[25] EN
[54] **PROCESS FOR THE PROTECTION AGAINST CORROSION OF AN ARTICLE IN A WET ENVIRONMENT AND COMPOSITION THEREFORE**
[54] **PROCEDE DE PROTECTION D'UN ARTICLE CONTRE LA CORROSION DANS UN ENVIRONNEMENT HUMIDE ET COMPOSITION CORRESPONDANTE**
[72] NOOREN, FRANCISCUS PETRUS MARIE, NL
[72] DODDEMA, JAN FREDERIK, NL
[72] BROESDER, HINDRIK HARM, NL
[73] SEAL FOR LIFE GLOBAL DUTCH HOLDING B.V., NL
[85] 2015-01-08
[86] 2013-07-12 (PCT/NL2013/050532)
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[25] EN
[54] **A BURNER BOOM WITH A DELUGE SYSTEM**
[54] **SYSTEME D'EXTINCTEUR AUTOMATIQUE DELUGE POUR UNE FLECHE DE TORCHE**
[72] GARDEN, IAN, GB
[73] RIGDELUGE GLOBAL LIMITED, GB
[85] 2015-01-08
[86] 2013-07-09 (PCT/GB2013/051810)
[87] (WO2014/009712)
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[25] EN
[54] **ATX MODULATING AGENTS**
[54] **AGENTS DE MODULATION D'ATX**
[72] GUCKIAN, KEVIN, US
[72] KUMARAVEL, GNANASAMBANDAM, US
[72] MA, BIN, US
[72] MI, SHA, US
[72] PENG, HAIRUO, US
[72] SHAO, ZHAOHUI, US
[72] SUN, LIHONG, US
[72] TAVERAS, ARTHUR, US
[72] WANG, DEPING, US
[72] XIN, ZHILI, US
[72] ZHANG, LEI, US
[73] BIOGEN MA INC., US
[85] 2015-01-15
[86] 2013-07-26 (PCT/US2013/052316)
[87] (WO2014/018881)
[30] US (61/676,705) 2012-07-27

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[51] **Int.Cl. H04N 17/04 (2006.01) H04B 17/20 (2015.01) H04B 1/18 (2006.01)**
[25] EN
[54] **VIDEO SIGNAL TERMINATION DETECTION CIRCUIT**
[54] **CIRCUIT DE DETECTION DE LA FIN D'UN SIGNAL VIDEO**
[72] BARTHOLOMEW, JOHN C., US
[72] EVANS, NATHAN D., US
[72] SWENSON, JAMES W., US
[73] ROSEMOUNT AEROSPACE, INC., US
[86] (2880057)
[87] (2880057)
[22] 2015-01-23
[30] US (61/934,197) 2014-01-31
[30] US (14/172,001) 2014-02-04

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[51] **Int.Cl. H03F 3/08 (2006.01) H03F 3/45 (2006.01) H03F 3/50 (2006.01)**
[25] FR
[54] **ANALOGUE AMPLIFICATION DEVICE INTENDED IN PARTICULAR FOR A LASER ANEMOMETER**
[54] **DISPOSITIF D'AMPLIFICATION ANALOGIQUE DESTINE NOTAMMENT A UN ANEMOMETRE LASER**
[72] BONY, FRANCIS, FR
[72] TEYSSEYRE, RAPHAEL, FR
[73] EPSILINE, FR
[73] INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE, FR
[85] 2015-02-10
[86] 2013-08-14 (PCT/FR2013/051944)
[87] (WO2014/029942)
[30] FR (12 57945) 2012-08-23

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[51] **Int.Cl. G16B 15/00 (2019.01) G16B 15/20 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SAMPLING AND ANALYSIS OF POLYMER CONFORMATIONAL DYNAMICS**
[54] **SYSTEMES ET PROCEDES POUR L'ECHANTILLONNAGE ET L'ANALYSE DE LA DYNAMIQUE CONFORMATIONNELLE D'UN POLYMERE**
[72] DIXIT, SURJIT B., CA
[73] ZYMEWORKS INC., CA
[85] 2015-02-12
[86] 2013-08-16 (PCT/CA2013/050637)
[87] (WO2014/026296)
[30] US (61/684,236) 2012-08-17

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[51] **Int.Cl. A23L 33/105 (2016.01) C13B 20/00 (2011.01) A23L 5/00 (2016.01) A23L 19/00 (2016.01) A23L 29/30 (2016.01) A23L 33/125 (2016.01) A23L 33/21 (2016.01) A23L 2/04 (2006.01) A23N 1/00 (2006.01) A23N 15/00 (2006.01) A61K 36/73 (2006.01) B01D 11/04 (2006.01) C13K 11/00 (2006.01) C13K 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND PROCESS FOR EXTRACTION OF PRODUCTS FROM APPLE PEEL**
[54] **SYSTEME ET PROCEDE POUR L'EXTRACTION DE PRODUITS DE LA PELURE DE POMME**
[72] DOUCET, JOCELYN, CA
[73] LEAHY ORCHARDS INC., CA
[85] 2015-02-20
[86] 2013-08-16 (PCT/CA2013/000726)
[87] (WO2014/029006)
[30] US (61/691,049) 2012-08-20

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[13] C
[51] **Int.Cl. A61B 17/72 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **INTRAMEDULLARY FIXATION ASSEMBLY**
[54] **ENSEMBLE DE FIXATION INTRAMEDULLAIRE**
[72] APPENZELLER, ANDREAS, CH
[72] NAGY, LADISLAV, CH
[72] FLURI, DANIEL, CH
[72] DUTOIT, CHRISTOF, CH
[72] GALM, ANDRE, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2015-02-25
[86] 2013-08-23 (PCT/US2013/056356)
[87] (WO2014/035811)
[30] US (61/695,254) 2012-08-30
[30] US (61/723,016) 2012-11-06
[30] US (13/793,044) 2013-03-11

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[25] EN
[54] **LENSES WITH ELECTRICALLY-TUNABLE POWER AND ALIGNMENT**
[54] **LENTILLES A ALIGNEMENT ET PUISSANCE ACCORDABLES ELECTRIQUEMENT**
[72] YADIN, YOAV, IL
[72] ALON, ALEX, IL
[72] HADDAD, YARIV, IL
[73] OPTICA AMUKA (A.A.) LTD., IL
[85] 2015-03-05
[86] 2013-09-30 (PCT/IB2013/058989)
[87] (WO2014/049577)
[30] US (61/707,962) 2012-09-30

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[51] **Int.Cl. H04N 13/207 (2018.01) H04N 13/122 (2018.01) H04N 13/128 (2018.01) H04N 13/15 (2018.01) H04N 5/262 (2006.01)**
[25] EN
[54] **MULTI-DIMENSIONAL DATA CAPTURE OF AN ENVIRONMENT USING PLURAL DEVICES**
[54] **CAPTURE DE DONNEES MULTI-DIMENSIONNELLES D'UN ENVIRONNEMENT AU MOYEN DE PLUSIEURS DISPOSITIFS**
[72] MILLETT, MARSHALL REED, US
[73] AEMASS, INC., US
[85] 2015-03-09
[86] 2013-09-10 (PCT/US2013/059089)
[87] (WO2014/040081)
[30] US (61/699,223) 2012-09-10

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[13] C
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/4166 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-ANDROGENS FOR THE TREATMENT OF NON-METASTATIC CASTRATE-RESISTANT PROSTATE CANCER**
[54] **ANTI-ANDROGENES POUR LE TRAITEMENT DU CANCER DE LA PROSTATE NON METASTATIQUE, RESISTANT A LA CASTRATION**
[72] CHEN, ISAN, US
[73] ARAGON PHARMACEUTICALS, INC., US
[85] 2015-03-19
[86] 2013-09-23 (PCT/US2013/061197)
[87] (WO2014/052237)
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[51] **Int.Cl. C09D 151/08 (2006.01)**
[25] EN
[54] **SUNLIGHT CURABLE COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT DURCISSABLES AU SOLEIL**
[72] CAYER, CHRISTOPHER ALAN, US
[72] AERYKSSEN, JAMES, US
[72] NEBIOGLU, AHMET, US
[73] DYMAX CORPORATION, US
[86] (2885809)
[87] (2885809)
[22] 2015-03-20
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[25] EN
[54] **SEPARATION APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE SEPARATION**
[72] GRAHAM, NEIL DERYCK BRAY, AU
[72] GRAHAM, ARTHUR DERRICK BRAY, AU
[72] COLE, BRADLEY JAMES, AU
[72] KERKHOFF, JAMIE, AU
[73] Z-FILTER PTY LTD, AU
[85] 2015-03-26
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[25] EN
[54] **METHODS AND PRODUCT FOR OPTIMISING LOCALISED OR SPATIAL DETECTION OF GENE EXPRESSION IN A TISSUE SAMPLE**
[54] **PROCEDES ET PRODUIT D'OPTIMISATION DE LA DETECTION LOCALISEE OU SPATIALE DE L'EXPRESSION GENIQUE DANS UN ECHANTILLON DE TISSU**
[72] FRISEN, JONAS, SE
[72] STAHL, PATRIK, SE
[72] LUNDEBERG, JOAKIM, SE
[72] SALMEN, FREDRIK, SE
[73] SPATIAL TRANSCRIPTOMICS AB, SE
[85] 2015-04-01
[86] 2013-10-16 (PCT/EP2013/071645)
[87] (WO2014/060483)
[30] GB (1218654.0) 2012-10-17
[30] GB (1304585.1) 2013-03-14

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[25] EN
[54] **THERMOMECHANICAL PROCESSING OF HIGH STRENGTH NON-MAGNETIC CORROSION RESISTANT MATERIAL**
[54] **TRAITEMENT THERMOMECANIQUE DE MATERIAU RESISTANT A LA CORROSION NON MAGNETIQUE A RESISTANCE ELEVEE**
[72] FORBES JONES, ROBIN M., US
[72] SMITH, GEORGE J., JR., US
[72] FLODER, JASON P., US
[72] THOMAS, JEAN-PHILIPPE A., US
[72] MINISANDRAM, RAMESH S., US
[73] ATI PROPERTIES LLC, US
[85] 2015-04-02
[86] 2014-02-17 (PCT/US2014/016665)
[87] (WO2014/163798)
[30] US (13/792,285) 2013-03-11

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[51] **Int.Cl. A61K 8/55 (2006.01) A61K 8/92 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS COMPRISING A PHOSPHOLIPID SURFACTANT**
[54] **COMPOSITIONS POUR SOINS BUCCO-DENTAIRES COMPRENANT UN AGENT TENSIOACTIF PHOSPHOLIPIDIQUE**
[72] GOLAS, PATRICIA L., US
[72] MORDAS, CAROLYN J., US
[73] MCNEIL-PPC, INC., US
[85] 2015-04-21
[86] 2013-11-08 (PCT/US2013/069219)
[87] (WO2014/078198)
[30] US (13/675,436) 2012-11-13

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[13] C
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[25] EN
[54] **4-CARBOXAMIDO-ISOINDOLINONE DERIVATIVES AS SELECTIVE PARP-1 INHIBITORS**
[54] **DERIVES DE 4-CARBOXAMIDO-ISOINDOLINONE EN TANT QU'INHIBITEURS SELECTIFS DE PARP-1**
[72] PAPEO, GIANLUCA MARIANO ENRICO, IT
[72] KRASAVIN, MIKHAIL YURIEVITCH, AU
[72] ORSINI, PAOLO, IT
[72] SCOLARO, ALESSANDRA, IT
[73] NERVIANO MEDICAL SCIENCES S.R.L., IT
[85] 2015-04-24
[86] 2013-10-23 (PCT/EP2013/072165)
[87] (WO2014/064149)
[30] EP (12190130.0) 2012-10-26

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[51] **Int.Cl. B62D 35/00 (2006.01) B62D 25/08 (2006.01) B62D 25/18 (2006.01) B62D 35/02 (2006.01)**
[25] EN
[54] **AERODYNAMIC SYSTEM AND ADJUSTABLE FAIRINGS**
[54] **SYSTEME AERODYNAMIQUE ET CARENAGES REGLABLES**
[72] BUTLER, JOSHUA, US
[72] WALKER, KYLE, US
[72] SHAH, REDZA, US
[72] UYS, TIMOTHY, US
[73] FLOWBELOW AERO, INC., US
[85] 2015-04-30
[86] 2013-11-01 (PCT/US2013/068119)
[87] (WO2014/071220)
[30] US (61/721,314) 2012-11-01
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[51] **Int.Cl. C07C 2/86 (2006.01) C01G 55/00 (2006.01) C07C 13/465 (2006.01) C07C 15/48 (2006.01) C07C 23/18 (2006.01)**
[25] EN
[54] **CROSS-COUPLING OF 2-BROMO-1-PHENYLINDENES WITH PHENYLACETYLENES AND OTHER SUBSTITUTED ACETYLENES IN WATER.**
[54] **COUPLAGE CROISE DE 2-BROMO-1-PHENYL-INDENES AVEC DES PHENYL-ACETYLENES ET AUTRES ACETYLENES SUBSTITUES DANS L'EAU.**
[72] ROSOCHA, YAROSLAV GREGORY, CA
[72] BATEY, ROBERT A., CA
[73] ROSOCHA, YAROSLAV GREGORY, CA
[85] 2015-04-20
[86] 2012-10-24 (PCT/IB2012/002075)
[87] (WO2014/064478)

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[51] **Int.Cl. C12N 1/16 (2006.01) C12N 1/18 (2006.01) C40B 40/02 (2006.01) C40B 50/06 (2006.01)**
[25] FR
[54] **YEAST STRAIN IMPROVEMENT METHOD**
[54] **PROCEDE D'AMELIORATION DE SOUCHES DE LEVURE**
[72] NICOLAS, ALAIN, FR
[72] LITI, GIANNI, FR
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] INSTITUT CURIE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[73] UNIVERSITE NICE SOPHIA ANTIPOLIS, FR
[85] 2015-05-12
[86] 2013-11-29 (PCT/EP2013/075045)
[87] (WO2014/083142)
[30] FR (1261456) 2012-11-30

[11] **2,891,575**
[13] C
[51] **Int.Cl. F04B 47/00 (2006.01) E21B 47/00 (2012.01) F04B 49/06 (2006.01)**
[25] EN
[54] **REAL-TIME PUMP DIAGNOSTIC ALGORITHMS AND APPLICATION THEREOF**
[54] **ALGORITHMES DE DIAGNOSTIC DE POMPE EN TEMPS REEL ET LEUR APPLICATION**
[72] CHEN, ZENGSHI, US
[72] DORADO, DONEIL, US
[72] OESTREICH, ERIC, US
[72] HUGHES, GARY, US
[72] CORDOVA, ANDY, US
[73] RAVDOS HOLDINGS INC., US
[85] 2015-05-14
[86] 2013-11-19 (PCT/US2013/070780)
[87] (WO2014/078851)
[30] US (61/727,894) 2012-11-19

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[51] **Int.Cl. A01N 43/56 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **SUCCINATE DEHYDROGENASE INHIBITOR CONTAINING COMPOSITIONS**
[54] **COMPOSITIONS CONTENANT UN INHIBITEUR DE SUCCINATE DESHYDROGENASE**
[72] POLSON, GEORGE, US
[72] VALCKE, ALEX, BE
[72] HUGHES, ANDREW, GB
[72] JOURDEN, JODY, US
[72] PRIOLI, MARIA REGINA, US
[72] ZHENG, QI, US
[73] ARCH WOOD PROTECTION, INC., US
[85] 2015-05-15
[86] 2013-11-19 (PCT/US2013/070777)
[87] (WO2014/078849)
[30] US (61/728,062) 2012-11-19

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[13] C
[51] **Int.Cl. G21G 1/06 (2006.01) H05H 6/00 (2006.01)**
[25] EN
[54] **COMBINED MODERATOR/TARGET FOR NEUTRON ACTIVATION PROCESS**
[54] **COMBINAISON DE MODERATEUR/CIBLE POUR PROCESSUS D'ACTIVATION NEUTRONIQUE**
[72] TELEKI, PETER, HU
[73] TELEKI, PETER, HU
[85] 2015-05-22
[86] 2013-11-25 (PCT/HU2013/000112)
[87] (WO2014/080238)
[30] HU (PCT/HU2012/000127) 2012-11-23

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[13] C
[51] **Int.Cl. C25D 13/12 (2006.01) C09D 5/44 (2006.01) C25D 13/18 (2006.01)**
[25] EN
[54] **METHOD FOR COATING THE SURFACE OF AN ORGANIC OR METALLIC MATERIAL WITH PARTICULAR ORGANIC COMPOUNDS BY MEANS OF A PULSED-CURRENT ELECTROCHEMICAL REDUCTION OF THE DIAZONIUM IONS OF SAID ORGANIC COMPOUNDS**
[54] **PROCEDE DE REVETEMENT DE LA SURFACE D'UN MATERIAU ORGANIQUE OU METALLIQUE PAR DES COMPOSES ORGANIQUES PARTICULIERS PAR REDUCTION ELECTROCHIMIQUE DES IONS DIAZONIUM DESDITS COMPOSE S ORGANIQUES, EN COURANT PULSE**
[72] FLONER, DIDIER, FR
[72] GENESTE, FLORENCE, FR
[73] UNIVERSITE DE RENNES I, FR
[73] CNRS - CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2015-05-21
[86] 2013-11-22 (PCT/EP2013/074517)
[87] (WO2014/079989)
[30] FR (1261240) 2012-11-26

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[13] C
[51] **Int.Cl. B22F 3/105 (2006.01) B29C 64/153 (2017.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A PART BY MELTING POWDER, THE POWDER PARTICLES REACHING THE BATH IN A COLD STATE**
[54] **PROCEDE DE FABRICATION D'UNE PIECE PAR FUSION DE POUDRE, LES PARTICULES DE POUDRE ARRIVANT FROIDES DANS LE BAIN**
[72] COLIN, CHRISTOPHE, FR
[72] MAISONNEUVE, JULIE, FR
[72] SAUSSEREAU, GERARD, FR
[73] SNECMA, FR
[73] MBDA FRANCE, FR
[85] 2015-05-25
[86] 2013-11-29 (PCT/FR2013/052905)
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[25] EN
[54] **DIAZOLE LACTAMS**
[54] **LACTAMES DE DIAZOLE**
[72] CHEN, XI, US
[72] FAN, PINGCHEN, US
[72] LI, YANDONG, US
[72] POWERS, JAY P., US
[72] MALATHONG, VIENGKHAM, US
[72] PUNNA, SREENIVAS, US
[72] TANAKA, HIROKO, US
[72] ZHANG, PENGLIE, US
[72] DRAGOLI, DEAN, US
[73] CHEMOCENTRYX, INC., US
[85] 2015-06-02
[86] 2013-12-06 (PCT/US2013/073692)
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[30] US (61/734,705) 2012-12-07
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[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/073 (2010.01)**
[25] EN
[54] **NUTRIENT ENRICHED MEDIA FOR HUTC GROWTH**
[54] **MILIEUX ENRICHIS EN NUTRIMENTS POUR LA CULTURE DE HUTC**
[72] BHATIA, RAVINDER, US
[72] HONG, L.S. KLAUDYNE, US
[72] OZTURK, SADETTIN S., US
[72] KAMARAJU, VENKAT H., US
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2015-06-12
[86] 2013-12-12 (PCT/US2013/074615)
[87] (WO2014/093598)
[30] US (13/715,532) 2012-12-14

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[13] C
[51] **Int.Cl. H01M 10/44 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL CELL OR BATTERY WITH REDUCED IMPEDANCE AND METHOD FOR PRODUCING SAME**
[54] **CELLULE ELECTROCHIMIQUE OU BATTERIE AYANT UNE IMPEDANCE REDUITE ET PROCEDE DE PRODUCTION DE CELLE-CI**
[72] LEBLANC, PATRICK, CA
[72] COTTON, FREDERICK, CA
[72] GUENA, THIERRY, CA
[72] REBOUL-SALZE, CEDRIC, CA
[72] DESCHAMPS, MARC, FR
[72] CALVEZ, THOMAS, FR
[72] BODENEZ, VINCENT, FR
[72] BERNARDO, PHILIPPE, FR
[72] DRU, MATHIEU, FR
[73] BLUE SOLUTIONS CANADA INC., CA
[85] 2015-06-17
[86] 2014-01-16 (PCT/CA2014/050025)
[87] (WO2014/110676)
[30] US (61/753,282) 2013-01-16

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[13] C
[51] **Int.Cl. G06F 16/58 (2019.01) G06Q 10/10 (2012.01) G06F 16/33 (2019.01) G06F 16/53 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PATENT-RELATED DOCUMENT ANALYSIS AND SEARCHING**
[54] **SYSTEMES ET PROCEDES D'ANALYSE ET DE RECHERCHE DE DOCUMENT ASSOCIE A UN BREVET**
[72] ELIAS, BRIAN, US
[72] MORRISE, MATTHEW, US
[72] DALEY, RAY, US
[73] RELX INC., US
[85] 2015-06-17
[86] 2013-12-18 (PCT/US2013/076160)
[87] (WO2014/100202)
[30] US (61/738,703) 2012-12-18
[30] US (61/880,449) 2013-09-20

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[13] C
[51] **Int.Cl. A01N 43/40 (2006.01) A01N 25/32 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **SAFENING OF HALAUXIFEN AND DERIVATIVES THEREOF ON CEREAL PLANTS BY FLORSULAM**
[54] **PHYTOPROTECTEUR DES EFFETS DE L'HALAUXIFENE ET DE SES DERIVES SUR DES CEREALES AU MOYEN DU FLORASULAM**
[72] DEGENHARDT, RORY, CA
[72] SATCHIVI, NORBERT M., US
[72] MCGREGOR, BILL, CA
[72] WEIMER, MONTE R., US
[73] DOW AGROSCIENCES LLC, US
[85] 2015-06-25
[86] 2014-01-09 (PCT/US2014/010847)
[87] (WO2014/110241)
[30] US (61/751,017) 2013-01-10

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[13] C
[51] **Int.Cl. B05C 3/109 (2006.01)**
[25] EN
[54] **VACUUM DIP COATING APPARATUS**
[54] **APPAREIL DE REVETEMENT PAR IMMERSION**
[72] YANG, HAI, CN
[72] WANG, CHEN, CN
[72] LIU, ZHIXUN, CN
[72] BARBER, JOHN H., CA
[73] BL TECHNOLOGIES, INC., US
[85] 2015-06-29
[86] 2013-12-19 (PCT/US2013/076443)
[87] (WO2014/107320)
[30] CN (201310005454.3) 2013-01-07

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[13] C
[51] **Int.Cl. A61L 27/34 (2006.01) A61L 29/08 (2006.01) A61L 31/10 (2006.01)**
[25] EN
[54] **COATING FOR SUBSTRATE**
[54] **REVETEMENT POUR SUBSTRAT**
[72] ANTONI, PER, SE
[72] NYSTROM, DANIEL, SE
[72] PIETRZAK, KRZYSZTOF, US
[72] VINCENT, LARS, SE
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-07-03
[86] 2014-02-04 (PCT/EP2014/052089)
[87] (WO2014/118382)
[30] US (61/760,258) 2013-02-04
[30] EP (13156858.6) 2013-02-26

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[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 31/00 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01)**
[25] EN
[54] **AQUEOUS SUSPENSION PHARMACEUTICAL COMPOSITIONS FOR PARENTERAL ADMINISTRATION**
[54] **COMPOSITIONS PHARMACEUTIQUES EN SUSPENSION AQUEUSE POUR UNE ADMINISTRATION PARENTERALE**
[72] COOK, GARY PAUL, US
[72] GWOZDZ, GARRY THOMAS, US
[72] LASLO, THEODORE PATRICK, US
[73] KALVISTA PHARMACEUTICALS LIMITED, GB
[85] 2015-07-06
[86] 2014-01-09 (PCT/GB2014/050052)
[87] (WO2014/108685)
[30] US (61/750,568) 2013-01-09
[30] GB (1301895.7) 2013-02-04

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[13] C
[51] **Int.Cl. G16B 20/00 (2019.01) C12Q 1/6809 (2018.01) G16B 20/10 (2019.01) G16B 20/20 (2019.01) G16B 25/10 (2019.01) G16B 30/00 (2019.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MATERNAL PLASMA TRANSCRIPTOME ANALYSIS BY MASSIVELY PARALLEL RNA SEQUENCING**
[54] **ANALYSE DE TRANSCRIPTOME DE PLASMA MATERNEL PAR SEQUENCAGE D'ARN MASSIVEMENT PARALLELE**
[72] LO, YUK MING DENNIS, CN
[72] CHIU, ROSSA WAI KWUN, CN
[72] CHAN, KWAN CHEE, CN
[72] JIANG, PEIYONG, CN
[72] TSUI, BO YIN, CN
[73] THE CHINESE UNIVERSITY OF HONG KONG, CN
[85] 2015-07-09
[86] 2014-02-28 (PCT/IB2014/059351)
[87] (WO2014/132244)
[30] US (61/770,985) 2013-02-28

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[13] C
[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR POWER GENERATION**
[54] **APPAREIL POUR LA PRODUCTION D'ENERGIE ELECTRIQUE**
[72] GREEN, ANNABEL, GB
[72] NALDRETT, GARTH, GB
[72] CRAWFORD, CALUM, GB
[72] HUNTER, JOHN, GB
[72] MCWHINNIE, IAN DAVID, GB
[72] COLLYER, TIM, GB
[73] TENDEKA B.V., GB
[85] 2015-07-13
[86] 2014-01-16 (PCT/GB2014/050117)
[87] (WO2014/118503)
[30] GB (1300861.0) 2013-01-17

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[13] C
[51] **Int.Cl. G06F 21/64 (2013.01) H04N 21/835 (2011.01) G06Q 50/18 (2012.01) G06F 21/36 (2013.01) H04L 12/16 (2006.01)**
[25] EN
[54] **VIDEO SIGNATURE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SIGNATURE VIDEO**
[72] DEJENE, KEBRON, US
[73] DEJENE, KEBRON, US
[85] 2015-07-22
[86] 2014-01-30 (PCT/US2014/013881)
[87] (WO2014/120940)
[30] US (61/758,513) 2013-01-30

[11] **2,899,474**
[13] C
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **FASTENER CARTRIDGE COMPRISING A RELEASABLY ATTACHED TISSUE THICKNESS COMPENSATOR**
[54] **CARTOUCHE D'ELEMENTS DE FIXATION COMPRENANT UN COMPENSATEUR D'EPAISSEUR DE TISSU FIXE DE FACON AMOVIBLE**
[72] ARONHALT, TAYLOR W., US
[72] VENDELY, MICHAEL J., US
[72] LLOYD, BRANDON J., US
[72] MILLER, MICHAEL J., US
[72] SETSER, MICHAEL E., US
[72] SHELTON, FREDERICK E., IV, US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2015-07-27
[86] 2014-02-05 (PCT/US2014/014874)
[87] (WO2014/124008)
[30] US (13/763,065) 2013-02-08

[11] **2,899,486**
[13] C
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **ANVIL LAYER ATTACHED TO A PROXIMAL END OF AN END EFFECTOR**
[54] **COUCHE D'ENCLUME FIXEE A UNE EXTREMITE PROXIMALE D'UN EFFECTEUR TERMINAL**
[72] ARONHALT, TAYLOR W., US
[72] SMITH, BRET W., US
[72] SCHMID, KATHERINE J., US
[72] SWAYZE, JEFFREY S., US
[72] HENDERSON, CORTNEY E., US
[72] SCHEIB, CHARLES J., US
[72] SHELTON, FREDERICK E., IV, US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2015-07-27
[86] 2014-02-07 (PCT/US2014/015299)
[87] (WO2014/124255)
[30] US (13/763,078) 2013-02-08

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[13] C
[51] **Int.Cl. E02D 27/52 (2006.01)**
[25] EN
[54] **FRAME FOR AN UNDERWATER GENERATOR COMPRISING A BALLAST ASSEMBLY AND BALLAST ASSEMBLY FOR SUCH A FRAME**
[54] **CHASSIS D'HYDROLIENNE COMPRENANT UN ENSEMBLE DE LESTAGE ET ENSEMBLE DE LESTAGE POUR UN TEL CHASSIS**
[72] THUET, GERARD, FR
[73] FONDERIE ET MECANIQUE GENERALE CASTELBRIANTAISE (FMGC), FR
[85] 2015-07-29
[86] 2014-02-03 (PCT/EP2014/052026)
[87] (WO2014/118365)
[30] FR (1350923) 2013-02-04

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[13] C
[51] **Int.Cl. E21B 43/38 (2006.01) B01D 19/00 (2006.01)**
[25] EN
[54] **ABRASION RESISTANT GAS SEPARATOR**
[54] **SEPARATEUR DE GAZ RESISTANT A L'ABRASION**
[72] WANG, CHENGBAO, US
[72] PIDSADOWSKI, KELLY, CA
[73] GE OIL & GAS ESP, INC., US
[85] 2015-07-30
[86] 2014-01-14 (PCT/US2014/011403)
[87] (WO2014/120427)
[30] US (13/757,309) 2013-02-01

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[13] C
[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61K 8/86 (2006.01) A61K 8/90 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS**
[54] **COMPOSITIONS ORALES DE SOIN**
[72] QUEIROZ, DANIEL, US
[72] SUN, FRANK, US
[73] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2015-08-05
[86] 2014-02-11 (PCT/US2014/015723)
[87] (WO2014/133744)
[30] US (13/777,379) 2013-02-26

[11] **2,900,381**
[13] C
[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61K 8/86 (2006.01) A61K 8/90 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS**
[54] **COMPOSITIONS POUR SOINS D'HYGIENE BUCCALE**
[72] SUN, FRANK, US
[72] QUEIROZ, DANIEL, US
[73] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2015-08-05
[86] 2014-02-11 (PCT/US2014/015727)
[87] (WO2014/133746)
[30] US (13/777,451) 2013-02-26

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[13] C
[51] **Int.Cl. A01K 41/06 (2006.01)**
[25] EN
[54] **TRAY FOR INCUBATING EGGS**
[54] **PLATEAU D'INCUBATION D'□UFS**
[72] METER, TJITZE, NL
[73] HATCHTECH GROUP B.V., NL
[85] 2015-08-06
[86] 2014-02-13 (PCT/NL2014/050089)
[87] (WO2014/126466)
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[51] **Int.Cl. E04F 13/21 (2006.01) E04F 13/09 (2006.01)**
[25] EN
[54] **POLYMER-BASED BRACKET SYSTEM FOR EXTERIOR CLADDING**
[54] **SYSTEME DE SUPPORT A BASE DE POLYMERE POUR HABILLAGE EXTERIEUR**
[72] KRAUSE, MATT, G., US
[73] ADVANCED ARCHITECTURAL PRODUCTS, LLC, US
[85] 2015-08-11
[86] 2014-02-11 (PCT/US2014/015891)
[87] (WO2014/124469)
[30] US (13/763,915) 2013-02-11

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[51] **Int.Cl. C07D 231/12 (2006.01) C07B 37/10 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **HYDRAZINYLIDENE COMPOUNDS INTERMEDIATES AND A PRODUCTION METHOD FOR PYRIDAZINONE COMPOUNDS**
[54] **COMPOSES D'HYDRAZINYLIDENE, INTERMEDIAIRES ET PROCEDE DE PRODUCTION DE COMPOSES DE PYRIDAZINONE**
[72] FUKUDA, NAOHIRO, JP
[72] IKEMOTO, TOMOMI, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2015-08-12
[86] 2014-02-20 (PCT/JP2014/054780)
[87] (WO2014/129668)
[30] JP (2013-032326) 2013-02-21

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[13] C
[51] **Int.Cl. E05B 47/00 (2006.01) E05B 15/02 (2006.01)**
[25] EN
[54] **REINFORCED STRIKE ASSEMBLY**
[54] **MECANISME DE COURSE RENFORCE**
[72] PEABODY, JOSHUA T., US
[72] FIGUEROA-DEL POZO, FRANCISCO, US
[72] SIMS, RYAN MATTHEW, US
[72] SCHEFFLER, DOMINIK, US
[73] HANCHETT ENTRY SYSTEMS, INC., US
[86] (2901255)
[87] (2901255)
[22] 2015-08-20
[30] US (62/039,700) 2014-08-20

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[13] C
[51] **Int.Cl. G03B 35/20 (2021.01) G03B 35/26 (2021.01)**
[25] EN
[54] **DUAL PROJECTION IN SHORT SCREEN DISTANCE**
[54] **PROJECTION DOUBLE DANS UNE COURTE DISTANCE D'ECRAN**
[72] READ, STEVEN CHARLES, CA
[72] BOWRON, JOHN WILLIAM, CA
[73] IMAX CORPORATION, CA
[85] 2015-08-19
[86] 2014-04-16 (PCT/IB2014/060774)
[87] (WO2014/170845)
[30] US (61/812,330) 2013-04-16

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[25] EN
[54] **INDUCTION HEATING COOKER**
[54] **CUISINIERE A INDUCTION**
[72] TERAMOTO, TAKAHIRO, JP
[72] NIIYAMA, KOHJI, JP
[72] SAKAKIBARA, KUNIAKI, JP
[72] MINATODANI, JUNICHI, JP
[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2015-08-19
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[25] EN
[54] **PROMOTERS FOR PEROXIDES IN AQUEOUS TREATMENT FLUIDS**
[54] **PROMOTEURS DE PEROXYDES DANS DES FLUIDES DE TRAITEMENT AQUEUX**
[72] BRENNAN, JOSEPH M., US
[72] LYONS, JASON M., US
[72] PALYS, LEONARD H., US
[73] ARKEMA INC., US
[85] 2015-08-20
[86] 2014-02-20 (PCT/US2014/017276)
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[51] **Int.Cl. A61K 35/14 (2015.01) C12N 5/0783 (2010.01)**
[25] EN
[54] **METHODS OF PRODUCING ENRICHED POPULATIONS OF TUMOR-REACTIVE T CELLS FROM TUMOR**
[54] **PROCEDES DE PRODUCTION DE POPULATIONS ENRICHIES DE LYMPHOCYTES T REACTIFS A UNE TUMEUR A PARTIR D'UNE TUMEUR**
[72] GROS, ALENA, US
[72] ROSENBERG, STEVEN A., US
[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2015-08-25
[86] 2013-04-30 (PCT/US2013/038799)
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[30] US (61/771,247) 2013-03-01

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[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **TONGUE DEFORMATION IMPLANT**
[54] **IMPLANT DE DEFORMATION DE LANGUE**
[72] FUGLISTER, FABIAN HERMANN URBAN, CH
[73] FUGLISTER, FABIAN HERMANN URBAN, CH
[85] 2015-08-25
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[30] US (61/787,006) 2013-03-15
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[25] EN
[54] **MESOPOROUS ACTIVATED CARBON**
[54] **CHARBON ACTIF MESOPOREUX**
[72] REDDING, ADAM M., US
[73] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2015-08-27
[86] 2014-03-13 (PCT/US2014/026195)
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[51] **Int.Cl. C09D 5/16 (2006.01)**
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[54] **WATER-BASED COMPOSITIONS THAT RESIST DIRT PICK-UP**
[54] **COMPOSITIONS A BASE D'EAU PERMETTANT D'EVITER SENSIBLEMENT UN DEPOT DE SALISSURES**
[72] HIBBEN, MARY JANE, US
[72] WILDMAN, MICHAEL C., US
[72] KILLILEA, T. HOWARD, US
[72] HARVEY, IAIN, US
[73] SWIMC LLC, US
[85] 2015-09-02
[86] 2014-03-05 (PCT/US2014/020719)
[87] (WO2014/149756)
[30] US (61/799,995) 2013-03-15
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[51] **Int.Cl. B64C 1/06 (2006.01) B64F 5/10 (2017.01) B64C 1/12 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **SPLICE ASSEMBLY FOR JOINING STRUCTURAL COMPONENTS**
[54] **DISPOSITIF DE JONCTION SERVANT A JOINDRE DES COMPOSANTES STRUCTURELLES**
[72] REEVES, ANDREW C., US
[73] THE BOEING COMPANY, US
[86] (2904562)
[87] (2904562)
[22] 2015-09-16
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/26 (2012.01)**
[25] EN
[54] **WORKFLOW SOFTWARE STRUCTURED AROUND TAXONOMIC THEMES OF REGULATORY ACTIVITY**
[54] **LOGICIEL DE FLUX DE TRAVAUX STRUCTURE AUTOUR DE THEMES TAXONOMIQUES D'ACTIVITE REGLEMENTAIRE**
[72] JEFFRIES, GILBERT, US
[72] CLAUSSEN, JOANNE, US
[73] FINANCIAL & RISK ORGANISATION LIMITED, GB
[85] 2015-09-08
[86] 2014-03-12 (PCT/US2014/024671)
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[30] US (61/777,412) 2013-03-12
[30] US (14/206,648) 2014-03-12

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[25] EN
[54] **HERB GRINDER SYSTEM**
[54] **MECANISME BROYEUR DE FINES HERBES**
[72] STAIANO, MARK, US
[72] TALBOT, DAN, CA
[73] VOLO TRADE, INC., US
[86] (2904961)
[87] (2904961)
[22] 2015-09-17
[30] US (62/051,404) 2014-09-17

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[25] EN
[54] **SUBSTITUTED AROMATIC COMPOUNDS AND RELATED METHODS FOR THE TREATMENT OF FIBROSIS**
[54] **COMPOSES AROMATIQUES SUBSTITUES ET PROCEDE ASSOCIE POUR LE TRAITEMENT DE LA FIBROSE**
[72] ZACHARIE, BOULOS, CA
[72] ABBOTT, SHAUN, CA
[72] GAGNON, LYNE, CA
[72] LAURIN, PIERRE, CA
[72] GROUIX, BRIGITTE, CA
[73] LIMINAL R&D BIOSCIENCES INC., CA
[85] 2015-09-11
[86] 2014-03-14 (PCT/CA2014/000236)
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[30] US (61/798,269) 2013-03-15

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[13] C
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[25] EN
[54] **CONTACT LENS PACKAGE WITH REDUCED HEAD SPACE**
[54] **EMBALLAGE POUR LENTILLE DE CONTACT PRESENTANT UN ESPACE LIBRE REDUIT**
[72] BARRE, VINCENT, US
[72] KERNICK, EDWARD, US
[72] GOURD, DOMINIC, US
[72] LILAC, DOUGLAS, US
[72] MEDOVICH, CHARLES, US
[72] ADAMS, JONATHAN, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2015-09-14
[86] 2014-03-12 (PCT/US2014/024501)
[87] (WO2014/150906)
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[51] **Int.Cl. B01D 17/04 (2006.01) C10G 33/00 (2006.01)**
[25] EN
[54] **DEWATERING COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET PROCEDES DE DESHYDRATATION**
[72] WEISNER, ANTHONY, US
[73] DOBER CHEMICAL CORP., US
[85] 2015-09-15
[86] 2014-03-14 (PCT/US2014/028257)
[87] (WO2014/144025)
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[54] **POLYMERIZATION COUPLED COMPOUNDING PROCESS**
[54] **PROCEDE DE MELANGE COUPLE A UNE POLYMERISATION**
[72] FOGLE, RAYMOND E., US
[72] CALVERT, TROY D., US
[72] CARBEN, ZACHARY J., US
[72] MANNING, STEVEN C., US
[72] WANG, CHIE H., US
[72] WHEELER, PAUL A., US
[72] ZABCIK, MARTY J., US
[73] ASCEND PERFORMANCE MATERIALS OPERATIONS LLC, US
[85] 2015-09-15
[86] 2014-03-13 (PCT/US2014/026353)
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[25] EN
[54] **ELECTRONIC DELIVERY OF INFORMATION IN PERSONALIZED MEDICINE**
[54] **DISTRIBUTION ELECTRONIQUE D'INFORMATIONS EN MEDECINE PERSONNALISEE**
[72] REDEI, JANOS, US
[73] I2DX, INC., US
[85] 2015-09-15
[86] 2014-03-14 (PCT/US2014/028800)
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[25] EN
[54] **METHODS AND SYSTEMS FOR ALIGNING REPETITIVE DNA ELEMENTS**
[54] **PROCEDES ET SYSTEMES POUR ALIGNER DES ELEMENTS D'ADN REPETITIFS**
[72] BRUAND, JOCELYNE, US
[72] RICHARDSON, TOM, US
[72] MANN, TOBIAS, US
[73] ILLUMINA, INC., US
[85] 2015-07-16
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[25] EN
[54] **SUGAR CHAIN-POLYPEPTIDE COMPLEX**
[54] **COMPLEXE CHAINE DE SUCRE-POLYPEPTIDE**
[72] SAIJO, HAYATO, JP
[72] OCHIAI, HIROFUMI, JP
[72] TAZURU, KEISUKE, JP
[72] SHIMODA, TAIJI, JP
[73] GLYTECH, INC., JP
[85] 2015-09-25
[86] 2014-03-21 (PCT/JP2014/057927)
[87] (WO2014/162906)
[30] JP (2013-075493) 2013-03-30

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[54] **NEGATIVE PRESSURE VAPOR RECOVERY SYSTEM**
[54] **SYSTEME DE RECUPERATION DE VAPEUR PAR PRESSION NEGATIVE**
[72] JORDAN, MARK A., US
[72] DAUB, ALEXANDER K., US
[72] BOROFF, ARTHUR L., US
[73] JORDAN TECHNOLOGIES, LLC, US
[85] 2015-10-05
[86] 2014-02-04 (PCT/US2014/014525)
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[51] **Int.Cl. C07K 16/10 (2006.01) A61K 39/155 (2006.01) C07K 14/115 (2006.01)**
[25] EN
[54] **HUMAN ANTIBODIES BINDING TO RSV G PROTEIN**
[54] **ANTICORPS HUMAINS SE LIANT A LA PROTEINE G DU VIRUS RESPIRATOIRE SYNCYTIAL (RSV)**
[72] WADIA, JEHANGIR, US
[72] WILLIAMSON, ROBERT ANTHONY, NL
[72] LANGEDIJK, JOHANNES PETRUS MARIA, NL
[72] PASCUAL, GABRIEL, US
[72] VAN 'T WOUT, ANGELIQUE, NL
[73] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2015-10-06
[86] 2014-04-14 (PCT/EP2014/057499)
[87] (WO2014/170257)
[30] US (61/812,098) 2013-04-15
[30] EP (13179241.8) 2013-08-05

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[51] **Int.Cl. H04L 1/00 (2006.01) H04N 19/895 (2014.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING FORWARD ERROR CORRECTION PACKET**
[54] **APPAREIL ET PROCEDE DE TRANSMISSION ET DE RECEPTION DE PAQUET DE CORRECTION D'ERREURS SANS CIRCUIT DE RETOUR**
[72] HWANG, SUNG-HEE, KR
[72] YANG, HYUN-KOO, KR
[72] MYUNG, SEHO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-10-16
[86] 2014-04-17 (PCT/KR2014/003362)
[87] (WO2014/171763)
[30] KR (10-2013-0042045) 2013-04-17

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[51] **Int.Cl. B25D 17/26 (2006.01) B21B 1/00 (2006.01) E21B 6/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD RELATED TO LUBRICATION OF COMPONENTS IN A ROCK DRILLING MACHINE AND ROCK DRILLING MACHINE**
[54] **DISPOSITIF ET PROCEDE DE LUBRIFICATION DE COMPOSANTS DANS UNE MACHINE PERFORATRICE DE ROCHE, ET MACHINE PERFORATRICE DE ROCHE**
[72] JONSSON, PER, SE
[73] EPIROC ROCK DRILLS AKTIEBOLAG, SE
[85] 2015-10-21
[86] 2014-06-24 (PCT/SE2014/000088)
[87] (WO2014/209197)
[30] SE (1350767-8) 2013-06-25

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[51] **Int.Cl. C09D 201/00 (2006.01) C09D 7/65 (2018.01)**
[25] EN
[54] **COATING MATERIAL COMPOSITION, AND COATED FILMS OBTAINABLE BY THE COATING THEREOF**
[54] **COMPOSITION DE MATERIAU DE REVETEMENT, ET FILMS REVETUS OBTENUS PAR LEUR REVETEMENT**
[72] TSUJITA, TAKAHIRO, JP
[72] YAGI, SHINJI, JP
[72] NISHIDA, NOBUHIRO, JP
[72] TAKEUCHI, YOSHITOMO, JP
[73] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2015-10-27
[86] 2014-04-25 (PCT/EP2014/058481)
[87] (WO2014/198452)
[30] JP (2013-124787) 2013-06-13

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[13] C
[51] **Int.Cl. C22B 3/18 (2006.01) C22B 15/00 (2006.01) C22B 19/20 (2006.01)**
[25] EN
[54] **METHOD FOR BIOLEACHING AND SOLVENT EXTRACTION WITH SELECTIVE RECOVERY OF COPPER AND ZINC FROM POLYMETAL CONCENTRATES OF SULFIDES**
[54] **PROCEDE DE BIOLIXIVIATION ET D'EXTRACTION PAR SOLVANTS AVEC RECUPERATION SELECTIVE DE CUIVRE ET DE ZINC A PARTIR DE CONCENTRES POLYMETALLIQUES DE SULFURES**
[72] SANCHEZ-VAZQUEZ, BELISARIO, MX
[72] ESTRADA-DE LOS SANTOS, FRANCISCO, MX
[72] LOPEZ-JUAREZ, ALFONSO, MX
[72] BUENDIA-CACHU, ERIC DAVID, MX
[72] MONTER-VALENZUELA, ULISES, MX
[73] SERVICIOS CONDUMEX S.A. DE C.V., MX
[85] 2015-10-29
[86] 2013-10-30 (PCT/IB2013/002418)
[87] (WO2014/177903)
[30] MX (MX/a/2013/004855) 2013-04-29

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[51] **Int.Cl. A61N 1/40 (2006.01) A61B 18/18 (2006.01) A61N 1/18 (2006.01) A61N 1/44 (2006.01)**
[25] EN
[54] **DUAL-FUNCTION PLASMA AND NON-IONISING MICROWAVE COAGULATING ELECTROSURGICAL INSTRUMENT AND ELECTROSURGICAL APPARATUS INCORPORATING THE SAME**
[54] **INSTRUMENT ELECTROCHIRURGICAL DE COAGULATION A PLASMA ET MICRO-ONDES NON IONISANTES A DOUBLE FONCTION ET APPAREIL ELECTROCHIRURGICAL L'INCORPORANT**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] WHITE, MALCOLM, GB
[72] HALES, PHILIP WILLIAM, GB
[72] SAUNDERS, BRIAN, GB
[72] HOLMES, SANDRA MAY BERNADETTE, GB
[73] CREO MEDICAL LIMITED, GB
[85] 2015-11-12
[86] 2014-05-13 (PCT/GB2014/051468)
[87] (WO2014/184544)
[30] GB (1308558.4) 2013-05-13

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[13] C
[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **COMPRESSION DEVICE AND PRESSURE SENSOR FOR TREATMENT OF ABNORMAL UPPER ESOPHAGEAL SPHINCTER FUNCTIONALITY**
[54] **DISPOSITIF DE COMPRESSION ET CAPTEUR DE PRESSION POUR LE TRAITEMENT D'UNE FONCTION ANORMALE DU SPHINCTER SUPERIEUR DE L'OESOPHAGE**
[72] MARIS, NICK T., US
[72] MILLER, JAMES S., US
[72] SHAKER, REZA, US
[72] BACHMAN, TIMOTHY, US
[72] SCHLUETER, NATHAN, US
[72] MALONEY, EUGENE PAUL, US
[72] NORTH, ERIC DAVID, US
[72] RAINE, PAUL, US
[72] ALEX, PETER, US
[73] THE MEDICAL COLLEGE OF WISCONSIN, INC., US
[73] SOMNA THERAPEUTICS, LLC., US
[85] 2015-11-12
[86] 2014-05-15 (PCT/US2014/038060)
[87] (WO2014/186500)
[30] US (61/824,594) 2013-05-17

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[51] **Int.Cl. B60N 2/07 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **PROTECTION DEVICE WITH MODULABLE DIMENSIONS FOR AN EQUIPMENT ANCHORING RAIL**
[54] **DISPOSITIF DE PROTECTION, A DIMENSIONS MODULABLES, POUR RAIL D'ANCRAGE D'EQUIPEMENT**
[72] DAOUK, ANTAR, FR
[73] DAOUK, ANTAR, FR
[85] 2015-11-23
[86] 2014-05-21 (PCT/FR2014/000111)
[87] (WO2014/188087)
[30] FR (1301185) 2013-05-24
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[51] **Int.Cl. C07D 489/09 (2006.01) A61K 31/485 (2006.01) C07D 491/20 (2006.01)**
[25] EN
[54] **OPIOID KETAL COMPOUNDS AND USES THEREOF**
[54] **COMPOSES CETAL OPIOIDES ET LEURS UTILISATIONS**
[72] KUPPER, ROBERT J., US
[72] GLOWAKY, RAYMOND C., US
[73] RHODES TECHNOLOGIES, US
[85] 2015-11-23
[86] 2014-05-23 (PCT/IB2014/000876)
[87] (WO2014/188266)
[30] US (61/827,481) 2013-05-24
[30] US (61/836,433) 2013-06-18
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[51] **Int.Cl. C12N 9/22 (2006.01) C12N 5/0783 (2010.01) C12N 15/63 (2006.01)**
[25] EN
[54] **METHODS FOR ENGINEERING T CELLS FOR IMMUNOTHERAPY BY USING RNA-GUIDED CAS NUCLEASE SYSTEM**
[54] **PROCEDE DE MANIPULATION DE CELLULES T POUR L'IMMUNOTHERAPIE AU MOYEN D'UN SYSTEME DE NUCLEASE CAS GUIDE PAR L'ARN**
[72] DUCHATEAU, PHILIPPE, FR
[72] CHOULIKA, ANDRE, FR
[72] POIROT, LAURENT, FR
[73] CELLECTIS, FR
[85] 2015-11-27
[86] 2014-04-01 (PCT/EP2014/056534)
[87] (WO2014/191128)
[30] DK (PA201370297) 2013-05-29
[30] US (61/888,259) 2013-10-08
[30] US (61/907,858) 2013-11-22
[30] US (61/907,874) 2013-11-22
[30] DK (PA 2013 70771) 2013-12-13
[30] EP (PCT/EP2014/051458) 2014-01-24

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[51] **Int.Cl. B23K 26/00 (2014.01) A61J 3/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MARKING EDIBLE OBJECT**
[54] **APPAREIL ET PROCEDE DE MARQUAGE D'OBJET COMESTIBLE**
[72] SEO, MASAHIRO, JP
[72] SAKURAMOTO, HIROSHI, JP
[72] SHIMAOKA, KATSUAKI, JP
[72] IGARASHI, YUTA, JP
[72] ISHIDA, TETSUHISA, JP
[72] YAGYU, MOTOHIRO, JP
[73] QUALICAPS CO., LTD., JP
[85] 2015-11-26
[86] 2014-07-15 (PCT/JP2014/068765)
[87] (WO2015/008742)
[30] JP (2013-147473) 2013-07-16

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[51] **Int.Cl. B65G 67/22 (2006.01) G01G 13/04 (2006.01)**
[25] EN
[54] **A TRAIN LOADING SYSTEM**
[54] **SYSTEME DE CHARGEMENT DE TRAIN**
[72] SHOOK, ANDREW ARTHUR, AU
[72] KUPFER, ANDREAS ALEXANDER, AU
[72] HAMILTON, BRETT, AU
[72] ONG, CHONG YEW, AU
[73] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2015-12-04
[86] 2014-06-11 (PCT/AU2014/000604)
[87] (WO2014/197930)
[30] AU (2013902113) 2013-06-11

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[13] C
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[25] EN
[54] **COMPOSITIONS AND METHODS USING TIGLIC ALDEHYDE**
[54] **COMPOSITIONS ET PROCEDES UTILISANT L'ALDEHYDE TIGLIQUE**
[72] MICHLIG GONZALEZ, STEPHANIE, CH
[72] MEYLAN MERLINI, JENNY, CH
[72] CAMACHO, SUSANA, CH
[72] LE COUTRE, JOHANNES, CH
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2015-12-07
[86] 2014-07-18 (PCT/EP2014/065474)
[87] (WO2015/011038)
[30] US (61/857,054) 2013-07-22

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[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 34/10 (2016.01) A61B 17/15 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL CUT VALIDATION TOOL AND METHOD**
[54] **OUTIL DE VALIDATION DE COUPE CHIRURGICALE ET PROCEDE**
[72] ROBICHAUD, JEAN, CA
[73] LABORATOIRES BODYCAD INC., CA
[85] 2015-11-27
[86] 2014-06-11 (PCT/CA2014/050541)
[87] (WO2014/197987)
[30] US (61/834,534) 2013-06-13

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[54] **EXTINCTEUR**
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[73] KOSO TECHNOLOGIES LTD., IL
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[54] **HYDROGELS DE CELLULOSE NANOCRISTALLINE POUR L'INHIBITION DE L'ADHESION BACTERIENNE**
[72] BOLUK, YAMAN, CA
[72] LIU, YANG, CA
[72] SUN, XIAOHUI, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[54] **SYSTEMS AND METHODS FOR INTERACTIVE PROGRAM GUIDES WITH PERSONAL VIDEO RECORDNG FEATURES**
[54] **SYSTEMES ET METHODES POUR DES GUIDES DE PROGRAMME COMPRENANT DES CARACTERISTIQUES D'ENREGISTREMENT VIDEO PERSONNEL**
[72] ELLIS, MICHAEL D., US
[72] GAYDOU, DANNY R., US
[72] REICHARDT, M. SCOTT, US
[72] BAUMGARTNER, JOSEPH P., US
[72] THOMAS, WILLIAM L., US
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[54] **MODULATEURS 4-(3-CYANOPHENYL)-6-PYRIDINYLPYRIMIDINE DE MGLU5**
[72] CHRISTOPHER, JOHN ANDREW, GB
[72] CONGREVE, MILES STUART, GB
[72] AVES, SARAH JOANNE, GB
[72] TEHAN, BENJAMIN GERALD, GB
[73] HEPTARES THERAPEUTICS LIMITED, GB
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[54] **HEAT-STABLE DRY POWDER PHARMACEUTICAL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS PHARMACEUTIQUES EN POUDRE SECHE STABLES A LA CHALEUR ET PROCEDES**
[72] FABIO, KARINE, US
[72] GUARNERI, JOSEPH J., US
[72] CURLEY, KIERAN, US
[72] GRANT, MARSHALL L., US
[72] LEONE-BAY, ANDREA, US
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[54] **RESEAU DE DETECTION DEPLOYE VERS L'AVANT POUR POMPE SUBMERSIBLE ELECTRIQUE**
[72] HUGHES, MICHAEL FRANKLIN, US
[72] HOYTE, SCOTT MORDIN, US
[73] GE OIL & GAS ESP, INC., US
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[54] **ELECTRIC POWER GENERATOR USING POTABLE WATER, WITH OXYGEN AND HYDROGEN RELEASE**
[54] **GENERATEUR D'ENERGIE ELECTRIQUE UTILISANT DE L'EAU POTABLE, AVEC DEGAGEMENT D'OXYGENE ET D'HYDROGENE**
[72] IONESCU, IULIU, RO
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[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] HOOI SING, YU (ALEX), GB
[73] CALLA LILY PERSONAL CARE LIMITED, GB
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[54] **FABRICATION DE SURFACES DECORATIVES PAR JET D'ENCRE**
[72] DE MONDT, ROEL, BE
[72] MEERSSEMAN, LAURENT, BE
[73] UNILIN BVBA, BE
[73] AGFA NV, BE
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[54] **CONVERSION D'ALCANES EN COMPOSES ORGANIQUES DU SELENIUM ET DU TELLURE**
[72] PERIANA, ROY A., US
[72] KONNICK, MICHAEL M., US
[72] HASHIGUCHI, BRIAN G., US
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[54] **COMPOSITION ET PROCEDE POUR PRODUIRE UNE SURFACE ACRYLIQUE TEXTUREE**
[72] GATMAN, MARK, US
[72] LAFOLLETTE, SCOTT, US
[72] CALDWELL, NEIL, US
[72] FIELDS, JEFF, US
[73] ARISTECH SURFACES LLC, US
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[54] **SYSTEME DE TRAITEMENT DE FLUIDE**
[72] BURNS, DAVID JACK, US
[72] HOLMES, TIMOTHY L., US
[72] STEVENS, JEREMY MICHAEL, US
[73] PAKER-HANNIFIN CORPORATION, US
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[54] **1H-IMIDAZO[4,5-C]QUINOLINYL COMPOUNDS, COMPOSITIONS THEREOF, AND THEIR USE AS MEK INHIBITORS**
[54] **COMPOSES DE 1H-IMIDAZO [4,5-C] QUINOLEINE, LEURS COMPOSITIONS ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE PROTEINES MEK**
[72] BOCK, MARK GARY, US
[72] MOEBITZ, HENRIK, CH
[72] PANIGRAHI, SUNIL KUMAR, IN
[72] PODDUTOORI, RAMULU, IN
[72] SAMAJDAR, SUSANTA, IN
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[54] **PROCESS FOR PURIFYING AN ACID COMPOSITION COMPRISING 2-FORMYL-FURAN-5-CARBOXYLIC ACID AND 2,5-FURANDICARBOXYLIC ACID**
[54] **PROCEDE POUR LA PURIFICATION D'UNE COMPOSITION D'ACIDES COMPRENANT DE L'ACIDE 2-FORMYLFURANE-5-CARBOXYLIQUE ET DE L'ACIDE 2,5-FURANEDICARBOXYLIQUE**
[72] SINGH, JAGDEEP, NL
[72] MCKAY, BENJAMIN, NL
[72] WANG, BING, NL
[72] DAM, MATHEUS ADRIANUS, NL
[72] GRUTER, GERARDUS JOHANNES MARIA, NL
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[54] **3-(4-ETHYNYLPHENYL) PYRIDOPYRIMIDINONE COMPOUNDS AND PROCESS FOR PREPARATION THEREOF USEFUL AS POTENTIAL ANTICANCER AGENTS**
[54] **COMPOSES 3-(4-ETHYNYLPHENYL) PYRIDOPYRIMIDINONE UTILES EN TANT QU'AGENTS ANTICANCEREUX POTENTIELS ET LEUR PROCEDE DE PREPARATION**
[72] KAMAL, AHMED, IN
[72] NAYAK, RANJITA, IN
[72] SULTANA, FARHEEN, IN
[73] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
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[54] **ENSEMBLE ROTATIF COMPRENANT UN ORGANE DE TRANSMISSION ET UN SYSTEME DE DISTRIBUTION D'HUILE**
[72] BRAULT, MICHEL GILBERT ROLAND, FR
[72] LEMARCHAND, KEVIN, FR
[73] SNECMA, FR
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[54] **PRODUCT CHEMICAL PROFILE SYSTEM**
[54] **SYSTEME DE PROFILAGE CHIMIQUE D'UN PRODUIT**
[72] YOSHINAGA, JAY KENJ, US
[72] HOLMAN, FRANK SAMUEL, III, US
[72] DAHL, MARK ARNOLD, US
[72] CADDICK, JOHN M., US
[72] CHUNG, PHILIP WON JIN, US
[72] CRUZ, FRED MILTON, US
[72] KIM, BRIAN BYUNGKYU, US
[72] MONTAGUE, ELIZABETH THELMA, US
[72] SCHEIERN, MICHAEL MARK, US
[72] GILLIES, PATRIC ROY, US
[72] MONAHAN, JOHN TERRY, US
[72] WILLIAMS, RICHARD LORAN, US
[73] THE BOEING COMPANY, US
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[54] **MODIFICATEUR DU TAUX DE COMBUSTION**
[72] WARRENDER, GARRY, AU
[72] JONES, ASHLEY, AU
[73] THALES AUSTRALIA LIMITED, AU
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[54] **TRANSMITTER, TRANSMISSION METHOD, RECEIVER, RECEPTION METHOD, AND COMPUTER PROGRAM**
[54] **DISPOSITIF D'EMISSION, PROCEDE D'EMISSION, DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION ET PROGRAMME INFORMATIQUE**
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[72] DEWA, YOSHIHARU, JP
[72] HASHIMOTO, KATSUNORI, JP
[73] SONY CORPORATION, JP
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[54] **MODULATION DE CELLULES SOUCHES**
[72] RAO, SUDHA, AU
[72] ZAFAR, ANJUM, AU
[73] EPIAXIS THERAPEUTICS PTY LTD, AU
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[54] **DISPOSITIF UTILISE POUR EVALUER LE RISQUE DE SUICIDE**
[72] THORELL, LARS-HAKAN, SE
[73] EMOTRA AB, SE
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[54] **COMPOSITIONS ANTIBROUILLARD ET PROCESSUS POUR LEUR FABRICATION**
[72] PARKER, KEVIN, GB
[72] MARSHALL, JO, GB
[73] CELANESE ACETATE LLC, US
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[54] **CONCEPTION DE PLAQUE BIPOLAIRE A ARMATURE D'IMAGE NON CONDUCTRICE**
[72] WARRINGTON, CURTIS, US
[72] GREBENYUK, OLEG, US
[72] BADRINARAYANAN, PARAVASTU, US
[72] MADDEN, THOMAS H., US
[73] LOCKHEED MARTIN ENERGY, LLC, US
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[54] **COMBUSTION CHAMBER FOR A TURBINE ENGINE WITH HOMOGENEOUS AIR INTAKE THROUGH FUEL-INJECTION SYSTEMS**
[54] **CHAMBRE DE COMBUSTION POUR TURBOMACHINE A ADMISSION D'AIR HOMOGENE AU TRAVERS DE SYSTEMES D'INJECTION DE CARBURANT**
[72] RULLAUD, MATTHIEU FRANCOIS, FR
[72] LUNEL, ROMAIN NICOLAS, FR
[72] NOEL, THOMAS OLIVIER MARIE, FR
[73] SNECMA, FR
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[54] **METHOD AND DEVICE FOR DISTRIBUTING MULTIMEDIA LICENCES WITHIN A DISTRIBUTION SYSTEM OF A SECURED MULTIMEDIA SERVICE**
[54] **METHODE ET DISPOSITIF DE DISTRIBUTION DE LICENCES MULTIMEDIAS AU SEIN D'UN SYSTEME DE DISTRIBUTION D'UN SERVICE MULTIMEDIA SECURISE**
[72] LUGEON, BLAISE, CH
[72] BIEBER, YANN, CH
[73] NAGRAVISION S.A., CH
[85] 2016-04-22
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[54] **SECURITE ANTICHUTE POUR MACHINE DE POSE DE RAILS**
[72] WORGOTTER, HERBERT, AT
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[25] EN
[54] **GLOMUS IRANICUM VAR. TENUIHYPHARUM VAR. NOV. STRAIN AND USE THEREOF AS BIO-NEMATICIDE**
[54] **SOUCHE DE GLOMUS IRANICUM VAR. TENUIHYPHARUM VAR. NOV. ET SON UTILISATION COMME NEMATICIDE BIOLOGIQUE**
[72] JESUS, JUAREZ, ES
[72] FELIX, FERNANDEZ, ES
[73] SYMBORG, S.L., ES
[85] 2016-05-03
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[54] **PLED DENTAL MATRIX SYSTEM**
[54] **SYSTEME DE MATRICE DENTAIRE A OLED**
[72] MCDONALD, SIMON PAUL, NZ
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2016-05-03
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[25] EN
[54] **METHOD AND APPARATUS FOR CHARACTERIZING CLATHRATE HYDRATE FORMATION CONDITIONS EMPLOYING A MICROFLUIDIC DEVICE**
[54] **PROCEDE ET APPAREIL POUR CARACTERISER DES CONDITIONS DE FORMATION D'HYDRATE DE CLATHRATE A L'AIDE D'UN DISPOSITIF MICRO-FLUIDIQUE**
[72] MOLLA, SHAHNAWAZ HOSSAIN, CA
[72] MOSTOWFI, FARSHID, CA
[72] NG, HENG-JOO, CA
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-05-13
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[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR PROCESSING HETEROGENEOUS MATERIALS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE TRAITEMENT DE MATIERES HETEROGENES**
[72] COATES, JAMES A., US
[72] COATES, CHARLES, US
[72] COATES, ERIC, US
[73] SIGNET AGGREGATES, LLC, US
[73] DISA, LLC, US
[85] 2016-05-27
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[25] EN
[54] **DUAL DECK VIBRATORY SEPARATOR**
[54] **SEPARATEUR A VIBRATION A DOUBLE PLATEAU**
[72] KUTRYK, EDWARD A., CA
[73] DRILLING FLUIDS TREATMENT SYSTEMS INC., CA
[86] (2932099)
[87] (2932099)
[22] 2016-06-06
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[54] **STIRRING ELEMENT FOR CIRCULATING WASTEWATER IN A BASIN, AND APPARATUS**
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[54] **PROCEDES DE RECUPERATION D'HUILE A PARTIR DE MICRO-ORGANISMES**
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[72] DENNIS, DOROTHY A., CA
[73] MARA RENEWABLES CORPORATION, CA
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[54] **APPARATUS AND METHOD FOR TREATMENT OF DIAGNOSTIC INFORMATION RELATING TO SAMPLES OF MICROBIOLOGICAL MATERIAL**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'INFORMATIONS DIAGNOSTIQUES ASSOCIEES A DES ECHANTILLONS DE MATERIEL MICROBIOLOGIQUE**
[72] TRIVA, DANIELE (DECEASED), IT
[73] COPAN ITALIA S.P.A., IT
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[54] **FIXATIONS FILETEES EN CERAMIQUE A HAUTE RESISTANCE A LA FRACTURE RENFORCEES DE FIBRE**
[72] DICHIARA, ROBERT A., US
[73] THE BOEING COMPANY, US
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[54] **METHOD OF IMPROVING PAPER MACHINE FABRIC PERFORMANCE**
[54] **METHODE D'AMELIORATION DU RENDEMENT DE BANDE DE MACHINE A PAPIER**
[72] MAHLER, BRANDON, US
[72] LASER, HAROLD, US
[73] DUBOIS CHEMICALS, INC., US
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[54] **LIQUID DEVELOPER**
[54] **DEVELOPPATEUR LIQUIDE**
[72] IWASE, KOJI, JP
[72] OKAMOTO, KATSUTOSHI, JP
[72] SHIBATA, HIDEO, JP
[72] MAEDA, HIROHITO, JP
[72] INOUE, TOMOAKI, JP
[73] SAKATA INX CORPORATION, JP
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[72] HALDENBY, PERRY AARON JONES, CA
[72] LEE, JOHN JONG SUK, CA
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[54] **POLYMERIZATION INITIATOR SYSTEM CONTAINING AN ALPHA-DIKETONE AND A SPECIFIC COINITIATOR COMPOUND AND USE OF SAID POLYMERIZATION INITIATOR SYSTEM IN DENTAL COMPOSITIONS**
[54] **SYSTEME INITIATEUR DE POLYMERISATION RENFERMANT UNE ALPHA-DICETONE ET UNCOMPOSE COINITIATEUR SPECIFIQUE ET UTILISATION DUDIT SYSTEME D'INITIATEUR DE POLYMERISATION DANS LES COMPOSITIONS DENTAIRES**
[72] KLEE, JOACHIM, DE
[72] MAIER, MAXIMILIAN, DE
[72] LALEVEE, JACQUES, FR
[72] FOUASSIER, JEAN PIERRE, FR
[72] MORLET-SAVARY, FABRICE, FR
[73] DENTSPLY DETREY GMBH, DE
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[54] **DIRECT-CURRENT POWER TRANSMISSION PROTECTION DEVICE, CONVERTER AND PROTECTION METHOD**
[54] **DISPOSITIF DE PROTECTION DE LA TRANSMISSION DE PUISSANCE EN COURANT CONTINU, CONVERTISSEUR ET METHODE DE PROTECTION**
[72] CAO, DONGMING, CN
[72] XIE, YEYUAN, CN
[72] SHAO, ZHENXIA, CN
[72] LU, YU, CN
[72] LI, MIN, CN
[72] LU, HAIBIN, CN
[72] LI, HAIYING, CN
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[73] NR ENGINEERING CO., LTD, CN
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[54] **MODULE FOR AN AIRCRAFT CABIN WITH A SEAT FASTENED TO A DOOR**
[54] **MODULE DESTINE A UNE CABINE D'AERONEF COMPORTANT UN SIEGE ATTACHE SUR UNE PORTE**
[72] SEIBT, CHRISTIAN, DE
[73] AIRBUS OPERATIONS GMBH, DE
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[25] EN
[54] **CHIMERIC ANTIGEN RECEPTOR (CAR) WITH ANTIGEN BINDING DOMAINS TO THE T CELL RECEPTOR BETA CONSTANT REGION**
[54] **RECEPTEUR D'ANTIGENE CHIMERIQUE (CAR) A DOMAINES DE LIAISON A L'ANTIGENE POUR LA REGION CONSTANTE DE RECEPTEUR BETA DU LYMPHOCYTE T**
[72] PULE, MARTIN, GB
[72] MACIOCIA, PAUL, GB
[73] AUTOLUS LIMITED, GB
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[54] **ALIGNING AND CLUSTERING SEQUENCE PATTERNS TO REVEAL CLASSIFICATORY FUNCTIONALITY OF SEQUENCES**
[54] **ALIGNEMENT ET REGROUPEMENT DE FORMES DE SEQUENCES AFIN DE REVELER LA FONCTIONNALITE DE CLASSIFICATION DE SEQUENCES**
[72] WONG, ANDREW KA-CHING, CA
[72] LEE, EN-SHIUN ANNIE, CA
[73] WONG, ANDREW KA-CHING, CA
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[86] 2014-04-17 (PCT/CA2014/000357)
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[25] EN
[54] **METHOD FOR OBTAINING MICROBIAL SECONDARY METABOLITES OR DERIVATIVES THEREOF BY HETEROLOGOUS EXPRESSION OF AT LEAST ONE SYNTHETASE OF SAID SECONDARY METABOLITES IN FILAMENTOUS FUNGI**
[54] **METHODE D'OBTENTION DE METABOLITES SECONDAIRES MICROBIENS OU DE DERIVES DE CEUX-CI PAR EXPRESSION HETEROLOGUE D'AU MOINS UNE SYNTHETASE DESDITES METABOLITES SECONDAIRES DANS LES CHAMPIGNONS FILAMENTEUX**
[72] BOECKER, SIMON, DE
[72] STORM, DIRK, DE
[72] MEYER, VERA, DE
[72] RICHTER, LENNART, DE
[72] ZOBEL, SOPHIA, DE
[72] WANKA, FRANZISKA, DE
[72] SUSSMUTH, RODERICH, DE
[72] MUHLENWEG, AGNES, DE
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[54] **UNIT DOSE DETERGENT COMPOSITIONS**
[54] **COMPOSITIONS DETERGENTES EN DOSES UNITAIRES**
[72] NAQVI, SYED HUMZA, US
[72] GRAHAM, TROY ROBERT, US
[72] CAMERON, RYAN BRADLEY, US
[73] HENKEL IP & HOLDING GMBH, DE
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[54] **METHODS, SYSTEMS, AND DEVICES FOR HIGH-LEVEL DISINFECTION**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS PERMETTANT D'ATTEINDRE UN HAUT NIVEAU DE DESINFECTION**
[72] SMITH, ADRIAN, US
[72] DESHAYS, CLEMENT, FR
[72] CHESS, ROBERT BRUCE, US
[72] LEPINE, FREDERIC, FR
[73] GERMITEC SA, FR
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[54] **ANTI-B7-H3 ANTIBODIES AND DIAGNOSTIC USES THEREOF**
[54] **ANTICORPS ANTI-B7-H3 ET LEURS UTILISATIONS DIAGNOSTIQUES**
[72] ZHU, YIFEI, US
[72] LIAO, ZHIMING, US
[72] COUTO, FERNANDO, US
[73] SPRING BIOSCIENCE CORPORATION, US
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[54] **METHOD AND SYSTEM FOR LOW COST TELEVISION PRODUCTION**
[54] **PROCEDE ET SYSTEME DESTINES A UNE PRODUCTION TELEVISEE A FAIBLE COUT**
[72] TAMIR, MIKY, IL
[72] OZ, GAL, IL
[73] PIXELLOT LTD., IL
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[54] **GROWTH-INDEPENDENT DETECTION OF CELLS.**
[54] **DETECTION DE CELLULES INDEPENDANTE DE LA CROISSANCE.**
[72] REY, DIEGO ARIEL, US
[73] GENEWEAVE BIOSCIENCES, INC., US
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[54] **SIGNALING AND SELECTION FOR THE ENHANCEMENT OF LAYERS IN SCALABLE VIDEO**
[54] **SIGNALISATION ET SELECTION POUR L'AMELIORATION DES COUCHES DE VIDEO ECHELONNABLE**
[72] NARASIMHAN, MANDAYAM, US
[72] LUTHRA, AJAY K., US
[73] ARRIS ENTERPRISES LLC, US
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[54] **SYSTEMS AND METHODS FOR SECURE COMMUNICATION OVER A NETWORK USING A LINKING ADDRESS**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION SECURISEE VIA UN RESEAU A L'AIDE D'UNE ADRESSE DE LIAISON**
[72] DJAKOVIC, VLADAN, US
[73] IDEVICES, LLC, US
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[72] JONSSON, ANDREAS, SE
[73] HUSQVARNA AB, SE
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[54] **QUICK ADJUST POWER ADJUSTER FOR A SEAT WITH A TUBULAR LEAD SCREW**
[54] **REGULATEUR D'ALIMENTATION A REGLAGE RAPIDE DOTE POUR SIEGE DOTE D'UNE VIS-MERE TUBULAIRE**
[72] RUNDE, DAVID M., US
[73] MAGNA SEATING INC., CA
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[25] EN
[54] **DEVICE FOR DELIVERING AN INSULATION ENHANCING POLYURETHANE FOAM WITHIN PROFILES USED IN DOORS, WINDOWS AND RELATED APPLICATIONS**
[54] **DISPOSITIF POUR LA DISTRIBUTION D'UNE MOUSSE DE POLYURETHANE RENFORCANT L'ISOLATION A L'INTERIEUR DE PROFILES UTILISES DANS DES PORTES, DES FENETRES ET DES APPLICATIONS APPARENTEE S**
[72] TZIKA, ASIMO, GR
[72] TZIKA, SOULTANA, GR
[73] TZIKA, ASIMO, GR
[73] TZIKA, SOULTANA, GR
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[54] **COMPOSITION FOR TREATING CANCEROUS CELLS AND A METHOD THEREFOR**
[54] **COMPOSITION POUR UN TRAITEMENT CONTRE LES CELLULES CANCEREUSES, ET METHODE ASSOCIEE**
[72] ESSANI, KARIM, US
[72] JENG, DAVID, US
[72] CONRAD, STEVEN J., US
[73] THE BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY, US
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[54] **COHESIVELY FAILING, NON-STAINING HOT MELT ADHESIVES**
[54] **ADHESIFS THERMOFUSIBLES A RUPTURE COHESIVE NE TACHANT PAS**
[72] KANDERSKI, MONINA D., US
[72] VITRANO, MICHAEL D., US
[73] BOSTIK, INC., US
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[25] EN
[54] **HETEROGENEOUS RUTHENIUM-BASED CATALYST AND PROCESS FOR PRODUCING 2,5-FURANDICARBOXYLIC ACID FROM HYDROXYMETHYLFURFURAL IN WATER**
[54] **CATALYSEUR HETEROGENE A BASE DE RUTHENIUM ET PROCEDE DE PRODUCTION DE 2,5-ACIDE FURANDICARBOXYLIQUE A PARTIR DE L'HYDROXYMETHYLFURFURAL DANS L'EAU**
[72] SANBORN, ALEXANDRA, US
[73] ARCHER DANIELS MIDLAND COMPANY, US
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[54] **COMPOSITIONS D'ELECTROLYTE NON-AQUEUSES COMPRENANT UNE SULTONE ET UN SOLVANT FLUORE**
[72] BURKHARDT, STEPHEN E., US
[72] KOURTAKIS, KOSTANTINOS, US
[72] LIU, JUN J., US
[72] ROELOFS, MARK GERRIT, US
[72] KIM, SANG-HWAN, US
[73] SOLVAY SA, BE
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[54] **A PESTICIDE FORMULATION COMPRISING A WATER SOLUBLE ACTIVE INGREDIENT AND A PENETRATION ENHANCER AND USE OF THE SAME**
[54] **FORMULATION PESTICIDE COMPRENANT UN PRINCIPE ACTIF SOLUBLE DANS L'EAU ET UN ACTIVATEUR DE PENETRATION, ET SON UTILISATION**
[72] DOMINIANI, FRANK, US
[72] ANDERSON, DAVID LAWRENCE, US
[73] ROTAM AGROCHEM INTERNATIONAL COMPANY LIMITED, CN
[85] 2017-02-27
[86] 2015-08-27 (PCT/CN2015/088252)
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[54] **COMPILING GRAPH-BASED PROGRAM SPECIFICATIONS**
[54] **COMPILATION DE SPECIFICATIONS DE PROGRAMME BASEES SUR UN GRAPHIQUE**
[72] STANFILL, CRAIG W., US
[72] SHAPIRO, RICHARD, US
[72] KUKOLICH, STEPHEN A., US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2017-02-27
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[25] EN
[54] **BINDER COMPOSITION AND PAINT FORMULATION MADE THEREOF**
[54] **COMPOSITION DE LIANT ET FORMULATION DE PEINTURE FABRIQUEE A PARTIR DE CELLE-CI**
[72] ZHANG, SHILING, CN
[72] YUN, DONG, CN
[72] WANG, YUJIANG, CN
[72] WANG, CAIFENG, CN
[72] JIANG, SIYUAN, CN
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[73] ROHM AND HAAS COMPANY, US
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[54] **MAMMALIAN CELL LINES EXPRESSING FUNCTIONAL NEMATODE ACETYLCHOLINE RECEPTORS AND USE THEREOF FOR HIGH-THROUGHPUT SCREENING ASSAYS**
[54] **LIGNEES CELLULAIRES DE MAMMIFERE EXPRIMANT DES RECEPTEURS FONCTIONNELS D'ACETYLCHOLINE DE NEMATODES ET LEUR UTILISATION POUR DES ESSAIS DE CRIBLAGE A HAUT RENDEMENT**
[72] CHAMBARD, JEAN-MARIE, FR
[72] VERMAT, THIERRY, FR
[72] DITTRICH, WERNER, DE
[72] PARTISETI, MICHEL, FR
[72] ZHOU-LIU, QING, FR
[72] COJEAN, CATHY, FR
[72] BOUKAIBA, RACHID, FR
[72] TAGAT, ERIC, FR
[72] LANCE, HAMMERLAND (DECEASED), US
[72] BONDESEN, BRENDA, US
[73] SANOFI, FR
[73] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., US
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[54] **PAINT FORMULATION AND PROCESS OF MAKING THEREOF**
[54] **FORMULATION DE PEINTURE ET SON PROCEDE DE FABRICATION**
[72] LI, LING, CN
[72] WANG, YUJIANG, CN
[72] CHEN, FENGKUN, JP
[72] WANG, RUI, CN
[72] ABOU GHONEIM, KHALED, AE
[72] FAN, LIQIANG, CN
[73] UCAR EMULSION SYSTEMS FZE, AE
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[73] ROHM AND HAAS COMPANY, US
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[54] **SYSTEMES ET PROCEDE POUR ESTIMER LA QUANTITE ET LE CONTENU DE FUMEES AVEC RAPPORT DES RESULTATS**
[72] BARHORST, STEVEN EDWARD, US
[72] FIORE, SUSAN RENATA, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2017-04-06
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[54] **CROWN FOR A LINK IN A GROUND ENGAGING TRACK SYSTEM**
[54] **COURONNE POUR UN MAILLON DANS UN SYSTEME DE CHENILLE EN PRISE AVEC LE SOL**
[72] STEINER, KEVIN L., US
[72] BREWER, CAROLINE M., US
[72] AKINLUA, TEMITOPE O., US
[72] KNOBLOCH, DANIEL I., US
[72] CLARKE, DONOVAN, US
[72] NENNE, TIMOTHY, US
[73] CATERPILLAR INC., US
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[54] **POLYOLEFIN-BASED HOT MELT ADHESIVES WITH IMPROVED PROCESSING AND BONDING PERFORMANCE**
[54] **ADHESIFS THERMOFUSIBLES A BASE DE POLYOLEFINE PRESENTANT DES PERFORMANCES DE TRAITEMENT ET DE LIAISON AMELIOREES**
[72] GRAY, STEVEN DANIEL, US
[72] FREUND, DAVID FREDERIC, US
[72] HAMANN, RICHARD EDWARD, US
[72] HU, MIAO, US
[72] FLORES, FABRICE NICOLAS-HENRI, FR
[73] BOSTIK, INC., US
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[54] **PRESSE A BALLES RONDES**
[72] VARLEY, SEAMUS, IE
[73] KVERNELAND GROUP RAVENNA S.R.L., IT
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[25] EN
[54] **METHOD FOR PRODUCING A FERTILIZER FROM A BIOPOLYMER AND FERTILIZER**
[54] **PROCEDE DE FABRICATION D'UN ENGRAIS A PARTIR D'UN BIOPOLYMERE ET ENGRAIS OBTENU PAR LEDIT PROCEDE**
[72] HORNLEIN, KARL-HEINZ, CH
[73] S2P AG STRAW - PULP & PAPER, CH
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[54] **SEPARATION SYSTEM FOR SEPARABLE ELEMENTS OF SPACECRAFTS AND LAUNCHERS**
[54] **SYSTEME DE SEPARATION D'ELEMENTS SEPARABLES D'AERONEFS ET DE LANCEURS**
[72] RIVAS SANCHEZ, FRANCISCO JAVIER, ES
[73] AIRBUS DEFENCE AND SPACE, S.A., ES
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[25] EN
[54] **METAL-MODIFIED, PLASMA-TREATED THERMOPLASTICS FOR IMPROVED ELECTRICAL PERFORMANCE**
[54] **THERMOPLASTIQUES MODIFIES PAR UN METAL, TRAITES AU PLASMA EN VUE D'UN RENDEMENT ELECTRIQUE AMELIORE**
[72] TSOTSIS, THOMAS K., US
[72] BELCHER, MARCUS A., US
[73] THE BOEING COMPANY, US
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[87] (2969946)
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[54] **SYSTEMS AND METHODS FOR ADAPTIVELY CONTROLLING WELD CABLE COMMUNICATIONS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE ADAPTATIVE DE COMMUNICATIONS DE CABLE DE SOUDAGE**
[72] DENIS, MARC LEE, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-07
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[54] **AN ENCASING APPARATUS FOR COMBINED COLLAGEN AND TUBULAR NETTING ARRANGEMENTS**
[54] **APPAREIL DE CONDITIONNEMENT POUR AGENCEMENTS COMBINES DE COLLAGENE ET DE FILET TUBULAIRE**
[72] MERCURI, ENNIO, AU
[73] MERCTECH PTY LTD, AU
[85] 2017-06-07
[86] 2015-12-11 (PCT/AU2015/000748)
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[54] **A DEVICE FOR PROVIDING A STERILE LIMITED SPACE FOR SURGERY**
[54] **DISPOSITIF DE FOURNITURE D'UN ESPACE LIMITE STERILE POUR UNE CHIRURGIE**
[72] AHRENS, MICHAEL, DE
[73] SURGITENT GMBH, DE
[85] 2017-06-12
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[54] **TIRE SPREADER**
[54] **ECARTE-TALONS**
[72] DERBOWKA, GRAHAM HARRY, CA
[73] DERBOWKA, GRAHAM HARRY, CA
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[87] (2971318)
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[54] **BEVERAGE CHILLER**
[54] **REFROIDISSEUR DE BOISSON**
[72] DUSSAULT, DAVID, US
[73] ICECOLDNOW, INC., US
[85] 2017-06-28
[86] 2015-12-30 (PCT/US2015/068128)
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[51] **Int.Cl. A47L 9/04 (2006.01) A47L 5/30 (2006.01)**
[25] EN
[54] **SURFACE CLEANING HEAD INCLUDING OPENABLE AGITATOR CHAMBER AND REMOVABLE AGITATORS FOR USE THEREIN**
[54] **TETE DE NETTOYAGE DE SURFACE COMPRENANT UNE CHAMBRE D'AGITATEUR POUVANT ETRE OUVERTE ET DES AGITATEURS AMOVIBLES DESTINES A ETRE UTILISES A L'INTERIEUR DE CELLE-CI**
[72] THORNE, JASON B., US
[72] XU, KAI, CN
[72] XU, AIMING, CN
[72] BROWN, ANDRE DAVID, GB
[72] BURKE, BRIAN, US
[72] D'AMICO, MICHAEL, US
[72] HUTCHINSON, PETER, CN
[72] BURKE, ERIN, US
[73] SHARKNINJA OPERATING LLC, US
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[30] US (14/812,734) 2015-07-29
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[25] EN
[54] **CRADLE FOR SUPPORTING FREE WEIGHT ASSEMBLY**
[54] **DISPOSITIF DE FIXATION POUR LE SUPPORT D'UN ENSEMBLE HALTERE**
[72] MYRE, JAKE, US
[73] VINTAGE GOLD HOLDINGS LIMITED, CN
[85] 2017-08-15
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[25] EN
[54] **4-((6-(2-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-2-HYDROXY-3-(1H-1,2,4-TRIAZOL-1-YL)PROPYL)PYRIDIN-3-YL)OXY)BENZONITRILE AND 4-((6-(2-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-2-HYDROXY-3-(5-THIOXO-4,5-DIHYDRO-1H-1,2,4-TRIAZOL-1-YL)PROPYL)PYRIDIN-3-YL)OXY)BENZONITRILE COMPOUNDS AS ANTIFUNGAL AGENTS**
[54] **COMPOSES DE 4-((6-(2-(2,4-DIFLUOROPHENYLE)1,1-DIFLUORO-2-HYDROXY-3(1H-1,2,4-TRIAZOL-1-YL)PROPYLE)PYRIDINE-3-YL)OXY)BENZONITRILE ET DE 4-((6-(2-(2,4-DIFLUOROPHENYLE)1,1-DIFLUORO-2-HYDROXY-3(5-THIOXO-4,5-DIHYDRO-1H-1,2,4-TRIAZOL-1-YL)PROPYLE)PYRIDINE-3-YL)OXY)BENZONITRITE COMME**
[72] HOEKSTRA, WILLIAM J., US
[72] YATES, CHRISTOPHER M., US
[72] SCHOTZINGER, ROBERT J., US
[72] LOSO, MICHAEL R., US
[72] GUSTAFSON, GARY D., US
[72] SULLENBERGER, MICHAEL T., US
[72] STEWARD, KIMBERLY, US
[72] DELGADO, JAVIER, US
[72] WANG, XUELIN, US
[73] MYCOVIA PHARMACEUTICALS, INC., US
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[25] EN
[54] **PROCESS FOR THE HYDROLYSIS OF BIOMASS**
[54] **PROCEDE D'HYDROLYSE DE BIOMASSE**
[72] ZAVREL, MICHAEL, DE
[72] ZEHE, MARKUS, DE
[72] BARTUCH, JOERG, DE
[72] VERHUELSDONK, MARCUS, DE
[73] CLARIANT INTERNATIONAL LTD, CH
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[86] 2016-05-12 (PCT/EP2016/060747)
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[54] **ABRASIVE ARTICLE INCLUDING SHAPED ABRASIVE PARTICLES**
[54] **ARTICLE ABRASIF COMPRENANT DES PARTICULES ABRASIVES PROFILEES**
[72] BAUER, RALPH, CA
[72] CZEREPINSKI, JENNIFER H., US
[72] FRAICHARD, LUCIE, FR
[72] FREMY, FLAVIEN, US
[72] JIA, JUN, US
[72] JOSSEAUX, FREDERIC, US
[72] LOUAPRE, DAVID F., FR
[72] MARLIN, SAMUEL S., FR
[72] YENER, DORUK O., US
[73] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US
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[86] 2016-06-09 (PCT/US2016/036701)
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[54] **NOVEL P450-BM3 VARIANTS WITH IMPROVED ACTIVITY**
[54] **NOUVEAUX VARIANTS DE P450-BM3 AYANT UNE ACTIVITE AMELIOREE**
[72] OSBORNE, ROBERT, US
[72] MITCHELL, VESNA, US
[72] HTWE, KHIN YU NAING, US
[72] ZHANG, XIYUN, US
[72] MILCZEK, ERIKA M., US
[72] MOORE, JEFFREY C., US
[73] CODEXIS, INC., US
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[54] **MACHINE LEARNING OF PHYSICAL CONDITIONS BASED ON ABSTRACT RELATIONS AND SPARSE LABELS**
[54] **APPRENTISSAGE MACHINE D'ETATS PHYSIQUES EN FONCTION DE RELATIONS ABSTRAITES ET D'ETIQUETTES EPARSES**
[72] FIROOZ, MOHAMMAD H., US
[72] MEHTA, NIKUNJ R., US
[72] OLSEN, GREG, US
[72] PRITCHARD, PETER NICHOLAS, US
[73] FALKONRY INC., US
[85] 2018-01-11
[86] 2016-07-15 (PCT/US2016/042465)
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[25] EN
[54] **STRUCTURE WITH RIGID WINGLET ADAPTED TO TRAVERSE A FLUID ENVIRONMENT**
[54] **STRUCTURE DOTEE D'UNE DERIVE RIGIDE ADAPTEE POUR TRAVERSER UN ENVIRONNEMENT FLUIDE**
[72] CHURCH, RYAN, CA
[73] BIOMERENEWABLES INC., CA
[85] 2018-01-18
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[25] EN
[54] **SOLID DOSAGE FORM COMPOSITION FOR BUCCAL AND SUBLINGUAL ADMINISTRATION OF CANNABINOIDS**
[54] **COMPOSITION DE FORME GALENIQUE SOLIDE POUR UNE ADMINISTRATION PAR VOIE BUCCALE ET SUBLINGUALE DE CANNABINOIDES**
[72] MCCARTY, JOHN, A., US
[73] PHARMACEUTICAL PRODUCTIONS, INC., US
[85] 2018-01-18
[86] 2015-07-21 (PCT/US2015/041232)
[87] (WO2016/014454)
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[54] **DEVICES AND METHODS FOR FACILITATING FLUID TRANSPORT**
[54] **DISPOSITIFS ET PROCEDES SERVANT A FACILITER LE TRANSPORT DE FLUIDE**
[72] ESCUTIA, RAUL, US
[72] EMERY, JEFFREY L., US
[73] INTUITY MEDICAL, INC., US
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[54] **METHOD AND SYSTEM FOR PARALLELIZATION OF INGESTION OF LARGE DATA SETS**
[54] **METHODE ET SYSTEME DE PARALLELISATION D'INGESTION DE GRANDS ENSEMBLES DE DONNEES**
[72] SCHOUERI, BADIH, CA
[72] GORSHTEIN, GREGORY, CA
[72] ANTONEVICH, VLADIMIR, CA
[73] NEXT PATHWAY INC., CA
[86] (2997061)
[87] (2997061)
[22] 2018-03-01
[30] US (62/465426) 2017-03-01

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[25] EN
[54] **COMPACT UNMANNED ROTARY AIRCRAFT**
[54] **AERONEF A VOILURE TOURNANTE NON HABITE COMPACT**
[72] OLM, ORVILLE, CA
[72] WOOD, GREG, CA
[72] DRAGAN, ZENON, CA
[73] AUTEL ROBOTICS USA LLC, US
[86] (2997790)
[87] (2997790)
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[62] 2,815,885

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[25] EN
[54] **VISUAL COUNTING SYSTEM**
[54] **SYSTEME DE COMPTAGE VISUEL**
[72] THOMPSON, DEREK WILLIAM, GB
[72] BURNEY, BRIAN MARSHALL, US
[72] DEAKINS, BRYANT JAMES, US
[72] MARTIN, COREY SPENCER, US
[72] JONES, MICHAEL, US
[72] ISRAEL, STEVEN CRAIG, US
[73] MANREX LIMITED, CA
[85] 2018-03-07
[86] 2016-08-29 (PCT/US2016/049241)
[87] (WO2017/053018)
[30] US (14/862,544) 2015-09-23

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[51] **Int.Cl. F25J 3/02 (2006.01) F25J 3/08 (2006.01)**
[25] EN
[54] **TREATMENT PLANT FOR HYDROCARBON GAS HAVING VARIABLE CONTAMINANT LEVELS**
[54] **USINE DE TRAITEMENT POUR HYDROCARBURE GAZEUX PRESENTANT DES NIVEAUX DE CONTAMINANTS VARIABLES**
[72] VALENCIA, JAIME A., US
[72] DENTON, ROBERT D., US
[72] MAHER, DAVID W., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-03-12
[86] 2016-08-24 (PCT/US2016/048404)
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[30] US (62/232,149) 2015-09-24

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[51] **Int.Cl. F16G 3/00 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL TOOL HAVING A DEVICE FOR ACTUATING A QUICK RELEASE CHAIN FASTENER**
[54] **OUTIL MULTIFONCTIONNEL COMPORTANT UN DISPOSITIF D'ACTIONNEMENT D'UN MECANISME DE FIXATION A CHAINE A DEGAGEMENT RAPIDE**
[72] LAUER, SWEN, DE
[73] QCS QUALITY CONSULT SERVICE GMBH, CH
[85] 2018-03-15
[86] 2016-09-13 (PCT/EP2016/071576)
[87] (WO2017/046093)
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[25] EN
[54] **PACK FOR SMOKING ARTICLES**
[54] **PAQUET POUR ARTICLES A FUMER**
[72] MUSTAFA, ISAAK, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-03-22
[86] 2016-09-26 (PCT/EP2016/072868)
[87] (WO2017/055221)
[30] GB (1517129.1) 2015-09-28

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[13] C
[51] **Int.Cl. H02J 50/10 (2016.01) B60L 53/12 (2019.01) H02J 7/02 (2016.01)**
[25] EN
[54] **MULTI POWER SOURCED ELECTRIC VEHICLE**
[54] **VEHICULE ELECTRIQUE A MULTIPLES SOURCES D'ENERGIE**
[72] BOYS, JOHN TALBOT, NZ
[72] COVIC, GRANT ANTHONY, NZ
[73] AUCKLAND UNISERVICES LIMITED, NZ
[86] (3002938)
[87] (3002938)
[22] 2008-05-09
[62] 2,687,060
[30] NZ (555128) 2007-05-10
[30] NZ (556646) 2007-07-20

[11] **3,004,042**
[13] C
[51] **Int.Cl. C04B 28/14 (2006.01) C04B 14/28 (2006.01) C04B 24/04 (2006.01) C04B 24/06 (2006.01) C04B 24/10 (2006.01) C04B 24/12 (2006.01) C04B 24/14 (2006.01) C04B 24/38 (2006.01) C04B 41/65 (2006.01) E04F 13/02 (2006.01)**
[25] EN
[54] **GYPSUM COMPOSITION FOR DRY-CURING COATING MATERIAL, GYPSUM-BASED COATING MATERIAL, AND CONSTRUCTION METHOD FOR GYPSUM-BASED COATING MATERIAL**
[54] **COMPOSITION DE GYPSE POUR MATERIAU DE REVETEMENT DURCISSANT A SEC, MATERIAU DE REVETEMENT A BASE DE GYPSE ET PROCEDE DE CONSTRUCTION POUR MATERIAU DE REVETEMENT A BASE DE GYPSE**
[72] YOKOYAMA, ITARU, JP
[72] TANAKA, YOSHIKAZU, JP
[73] YOSHINO GYPSUM CO., LTD., JP
[85] 2018-05-02
[86] 2016-12-07 (PCT/JP2016/086306)
[87] (WO2017/099102)
[30] JP (2015-242337) 2015-12-11

[11] **3,006,823**
[13] C
[51] **Int.Cl. B60R 19/24 (2006.01) B62D 53/04 (2006.01)**
[25] EN
[54] **REAR IMPACT GUARD ASSEMBLY FOR TRAILERS**
[54] **APPAREIL DE PROTECTION CONTRE LES IMPACTS A L'ARRIERE DESTINE A DES REMORQUES**
[72] FETZ, CHARLES R., US
[72] CARTER, DANIEL E., US
[72] GUNZBURGER, MATTHEW M., US
[72] STEPHENS, BRADLEY W., US
[72] LEE, CHRISTIAN S., US
[73] GREAT DANE LLC, US
[86] (3006823)
[87] (3006823)
[22] 2018-05-31
[30] US (15/610,462) 2017-05-31

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[11] **3,007,469**
[13] C
[51] **Int.Cl. F04D 29/16 (2006.01)**
[25] EN
[54] **OPPOSED IMPELLER WEAR RING UNDERCUT TO OFFSET GENERATED AXIAL THRUST IN MULTI-STAGE PUMP**
[54] **DEGAGEMENT DE BAGUE D'USURE DE TURBINES OPPOSEES POUR DECALER UNE POUSSEE AXIALE GENEREE DANS UNE POMPE MULTI-ETAGES**
[72] RUZICKA, PAUL, US
[72] FELIX, CHRISTOPHER, US
[73] FLUID HANDLING LLC, US
[85] 2018-06-05
[86] 2016-12-07 (PCT/US2016/065333)
[87] (WO2017/100291)
[30] US (62/263,982) 2015-12-07

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **INFORMATION INTERACTION MECHANISM AND NETWORK TRANSMISSION METHOD IN MULTIMEDIA SYSTEM**
[54] **MECANISME D'INTERACTION D'INFORMATIONS ET PROCEDE DE TRANSMISSION DE RESEAU DANS UN SYSTEME MULTIMEDIA**
[72] ZHANG, WENJUN, CN
[72] XU, YILING, CN
[72] ZHUANG, NING, CN
[72] CHEN, HAO, CN
[72] WANG, YANFENG, CN
[72] SUN, JUN, CN
[72] LIU, NING, CN
[73] SHANGHAI JIAO TONG UNIVERSITY, CN
[85] 2018-08-02
[86] 2017-01-25 (PCT/CN2017/072558)
[87] (WO2017/133611)
[30] CN (201610074851.X) 2016-02-02
[30] CN (201610074442.X) 2016-02-02
[30] CN (201610107748.0) 2016-02-26

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[51] **Int.Cl. G06F 21/64 (2013.01) G06Q 10/08 (2012.01) G06F 21/62 (2013.01) G06K 7/10 (2006.01)**
[25] EN
[54] **CONTACT-LESS TAG WITH SIGNATURE, AND APPLICATIONS THEREOF**
[54] **ETIQUETTE SANS CONTACT AVEC SIGNATURE ET SES APPLICATIONS**
[72] O'BRIEN, WILLIAM G., CA
[72] YEAP, TET HIN, CA
[72] MURRAY, SEAN MACLEAN, CA
[72] ZLOBEC, SANRO, CA
[73] BCE INC., CA
[86] (3014582)
[87] (3014582)
[22] 2007-12-20
[62] 2,851,409

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[13] C
[51] **Int.Cl. A61L 27/38 (2006.01) C12N 5/077 (2010.01) A61F 2/20 (2006.01)**
[25] EN
[54] **TUBULAR PROSTHESES**
[54] **PROTHESES TUBULAIRES**
[72] NIKLASON, LAURA, US
[72] HUANG, ANGELA, US
[72] DAHL, SHANNON, US
[72] ZHAO, LIPING, US
[73] HUMACYTE, INC., US
[73] YALE UNIVERSITY, US
[86] (3018082)
[87] (3018082)
[22] 2012-10-12
[62] 2,852,225
[30] US (61/547,350) 2011-10-14

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[11] **3,018,677**
[13] C
[51] **Int.Cl. F24T 10/30 (2018.01) F24T 10/10 (2018.01) F28F 27/02 (2006.01)**
[25] EN
[54] **VERTICAL FLUID HEAT EXCHANGER INSTALLED WITHIN NATURAL THERMAL ENERGY BODY**
[54] **ECHANGEUR DE CHALEUR VERTICAL A FLUIDE, INSTALLE DANS UN CORPS NATUREL A ENERGIE THERMIQUE**
[72] YANG, TAI-HER, TW
[73] YANG, TAI-HER, CN
[86] (3018677)
[87] (3018677)
[22] 2010-11-04
[62] 2,719,815
[30] US (12/591,024) 2009-11-05

[11] **3,018,873**
[13] C
[51] **Int.Cl. A47C 7/02 (2006.01) A47C 1/023 (2006.01) A47C 3/20 (2006.01) A61G 5/04 (2013.01) A61G 5/10 (2006.01)**
[25] EN
[54] **SEAT POSITIONING SYSTEM FOR A WHEELCHAIR**
[54] **SYSTEME DE POSITIONNEMENT DE SIEGE POUR FAUTEUIL ROULANT**
[72] MULHERN, JAMES, US
[72] ANTONISHAK, STEPHEN J., US
[73] PRIDE MOBILITY PRODUCTS CORPORATION, US
[85] 2018-09-24
[86] 2017-04-05 (PCT/US2017/026175)
[87] (WO2017/176902)
[30] US (62/318,344) 2016-04-05

[11] **3,019,008**
[13] C
[51] **Int.Cl. A61K 47/34 (2017.01) A61K 8/84 (2006.01)**
[25] EN
[54] **TOPICAL SKIN PRODUCT HAVING RETENTION PROPERTY**
[54] **PRODUIT TOPIQUE POUR LA PEAU AYANT UNE PROPRIETE DE RETENTION**
[72] ONG, IVAN W., US
[72] LAN, TIAN, US
[72] SLOAN, GINA PARISE, US
[72] WELCH, KAREN TERRY, US
[73] MICROBAN PRODUCTS COMPANY, US
[85] 2018-09-25
[86] 2017-05-23 (PCT/US2017/033964)
[87] (WO2017/205353)
[30] US (62/340,300) 2016-05-23
[30] US (15/600,908) 2017-05-22

[11] **3,019,186**
[13] C
[51] **Int.Cl. C08L 23/08 (2006.01) H01B 3/44 (2006.01) H01B 7/295 (2006.01)**
[25] EN
[54] **WIRE SHEATHING AND INSULATION COMPOSITIONS**
[54] **COMPOSITIONS DE GAINE ET D'ISOLANT DE FIL**
[72] SLEVIN, MIKE EDWARD, GB
[72] ROBERTS, DAVID GERAINT, US
[73] AEI COMPOUNDS LTD., GB
[73] SACO AEI POLYMERS, INC., US
[85] 2018-09-26
[86] 2018-02-23 (PCT/US2018/019452)
[87] (WO2018/160460)
[30] US (62/465,509) 2017-03-01

[11] **3,021,296**
[13] C
[51] **Int.Cl. C25D 17/00 (2006.01) C25D 1/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR FORMING ELECTROFORMED COMPONENT**
[54] **DISPOSITIF ET PROCEDE DE FORMATION D'UNE COMPOSANTE ELECTROFORMEE**
[72] TAJIRI, GORDON, US
[72] PHELPS, EMILY MARIE, US
[72] JONNALAGADDA, DATTU GV, US
[72] SCHMITT, JOSEPH RICHARD, US
[72] YANG, YANZHE, US
[73] UNISON INDUSTRIES, LLC, US
[86] (3021296)
[87] (3021296)
[22] 2018-10-18
[30] US (62/577,386) 2017-10-26

[11] **3,021,389**
[13] C
[51] **Int.Cl. C09D 175/06 (2006.01) C08G 18/06 (2006.01)**
[25] EN
[54] **TWO-COMPONENT POLYURETHANE TOPCOAT**
[54] **COUCHE DE FINITION A DEUX CONSTITUANTS A BASE DE POLYURETHANE**
[72] YANG, FAN, CN
[72] ZHOU, ZHAI, CN
[72] XU, WANJUN, CN
[73] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2018-10-18
[86] 2017-04-17 (PCT/US2017/027935)
[87] (WO2017/184511)
[30] CN (201610243963.3) 2016-04-19

[11] **3,021,441**
[13] C
[51] **Int.Cl. A23C 19/076 (2006.01) A23C 19/00 (2006.01) A23C 19/032 (2006.01) A23C 19/09 (2006.01) C12N 9/10 (2006.01) A23C 19/05 (2006.01)**
[25] EN
[54] **HEAT STABLE FRESH CHEESE**
[54] **FROMAGE FRAIS THERMOSTABLE**
[72] HELMENS, HARM JAAP, NL
[72] VLAANDEREN, JEROME, NL
[73] COOPERATIE AVEBE U.A., NL
[85] 2018-10-17
[86] 2017-04-18 (PCT/NL2017/050243)
[87] (WO2017/183968)
[30] EP (16165838.0) 2016-04-18

[11] **3,021,652**
[13] C
[51] **Int.Cl. A63H 30/04 (2006.01) A63H 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING ANIMATED PROPS**
[54] **SYSTEME ET METHODE DE CONTROLE D'ACCESSOIRES ANIMES**
[72] FRANKE, CARL JOSEPH, US
[73] SPENCER GIFTS LLC, US
[86] (3021652)
[87] (3021652)
[22] 2018-10-22
[30] US (62/592,145) 2017-11-29

[11] **3,023,583**
[13] C
[51] **Int.Cl. A01G 9/12 (2006.01)**
[25] EN
[54] **PLANT SUPPORT FRAME AND METHOD AND KIT FOR MAKING SAME**
[54] **STRUCTURE DE SUPPORT DE PLANTE ET PROCEDE ET KIT POUR LA FABRIQUER**
[72] MONTAGANO, MICHAEL, CA
[73] MONDI PRODUCTS LTD., CA
[86] (3023583)
[87] (3023583)
[22] 2014-08-27
[62] 2,955,225
[30] US (61/871,524) 2013-08-29

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[11] **3,024,795**
[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/04 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING AUTOMATICALLY UPDATED PRODUCT INSERTS**
[54] **SYSTEME ET PROCEDE DE MISE EN PLACE D'INSERTS A MISE A JOUR AUTOMATIQUE POUR PRODUITS**
[72] BURDETTE, DANIEL, US
[72] LE-THI, PHUONG, US
[73] BIO-RAD LABORATORIES, INC., US
[86] (3024795)
[87] (3024795)
[22] 2011-05-03
[62] 2,797,279
[30] US (61/330,833) 2010-05-03

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[11] **3,025,332**
[13] C
[51] **Int.Cl. A01C 5/06 (2006.01)**
[25] EN
[54] **FURROW OPENER WITH WINGS OVERLAPPING OPENER BODY**
[54] **OUVREUR DE SILLON AVEC AILES CHEVAUCHANT LE CORPS DE L`ORGANE OUVREUR**
[72] MILATZ, ROGAN D., CA
[72] STOBBS, STUART, CA
[72] BOOY, MIKE, CA
[72] HOFFART, JARRETT, CA
[72] DUFF, DENNIS, CA
[73] DUTCH BLACKSMITH SHOP LTD., CA
[86] (3025332)
[87] (3025332)
[22] 2018-11-26

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[11] **3,026,457**
[13] C
[51] **Int.Cl. H04N 1/00 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE PASSIVE MONITORING AND REPORTING OF PRINTER-RELATED DATA ON USB CABLES**
[54] **SYSTEME ET PROCEDE POUR LA SURVEILLANCE ET DE COMMUNICATION PASSIVES DE DONNEES RELATIVES A UNE IMPRIMANTE SUR DES CABLES USB**
[72] DOYLE, DANIEL SR., US
[72] ADESSO, PATRICK, US
[72] CASTILLENTI, JILL, US
[72] HECHT, GIDEON, US
[72] LAUMAN, BRIAN, US
[72] ROBINSON, SCOTT, US
[72] DOYLE, DANIEL JR., US
[73] EMERGE PRINT MANAGEMENT, LLC, US
[85] 2018-12-03
[86] 2017-06-01 (PCT/US2017/035343)
[87] (WO2017/218196)
[30] US (15/172,210) 2016-06-03

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[13] C
[51] **Int.Cl. C25B 15/02 (2021.01) C25B 1/042 (2021.01) C25B 1/23 (2021.01) C25B 1/50 (2021.01) C25B 9/70 (2021.01) C25B 15/021 (2021.01) C07C 1/02 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **PROCESS FOR STARTING MODE OR STAND-BY MODE OPERATION OF A POWER-TO-GAS UNIT COMPRISING A PLURALITY OF HIGH-TEMPERATURE ELECTROLYSIS (SOEC) OR CO-ELECTROLYSIS REACTORS**
[54] **PROCEDE DESTINE AU FONCTIONNEMENT EN MODE DE DEMARRAGE OU EN MODE DE VEILLE D'UN APPAREIL GAZ-ELECTRICITE COMPORTANT UNE PLURALITE DE REACTEURS DE COELECTROLYSE ET D'ELECTROLYSE HAUTE TEMPERATURE (SOEC)**
[72] BRUNOT, AYMERIC, FR
[72] LACROIX, VINCENT, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[86] (3028495)
[87] (3028495)
[22] 2018-12-21
[30] FR (17 62 904) 2017-12-22

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[13] C
[51] **Int.Cl. A61F 5/01 (2006.01) A61F 5/10 (2006.01)**
[25] EN
[54] **HAND ORTHOSIS**
[54] **ORTHESE DE LA MAIN**
[72] PATTKE, JORG, DE
[73] PATTKE, JORG, DE
[73] LENZE, WOLFGANG, DE
[73] NEA INTERNATIONAL B.V., NL
[85] 2018-12-18
[86] 2017-06-23 (PCT/DE2017/100533)
[87] (WO2017/220084)
[30] DE (10 2016 111 644.0) 2016-06-24
[30] DE (10 2016 116 014.8) 2016-08-29
[30] EP (17 166 900.5) 2017-04-18

[11] **3,028,688**
[13] C
[51] **Int.Cl. A01K 61/60 (2017.01) A01K 61/54 (2017.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR AQUACULTURE**
[54] **APPAREIL, SYSTEME ET METHODE D'AQUACULTURE**
[72] HORZESKY, MYRON, US
[72] KETCHAM, ROBERT, US
[72] KETCHAM, HEATHER, US
[72] SABIN, DOUGLAS G., US
[73] KETCHAM SUPPLY CO., INC., US
[86] (3028688)
[87] (3028688)
[22] 2018-12-28
[30] US (62/611,307) 2017-12-28

[11] **3,029,816**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/04 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **ANALYZING POSTURE-BASED IMAGE DATA**
[54] **ANALYSE DE DONNEES D'IMAGES BASEES SUR LA POSTURE**
[72] PEREZ, JUAN, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2019-01-03
[86] 2017-06-15 (PCT/US2017/037603)
[87] (WO2018/009324)
[30] US (15/204,417) 2016-07-07

[11] **3,030,580**
[13] C
[51] **Int.Cl. H04W 64/00 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING AN ESTIMATED TIME OF ARRIVAL**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER UN TEMPS D'ARRIVEE ESTIME**
[72] LUO, QING, CN
[72] WANG, ZHENG, CN
[73] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
[85] 2018-12-28
[86] 2017-04-27 (PCT/CN2017/082163)
[87] (WO2018/195847)

[11] **3,031,001**
[13] C
[51] **Int.Cl. C22F 1/04 (2006.01) C22C 21/00 (2006.01) C22C 21/06 (2006.01) C22F 1/047 (2006.01)**
[25] EN
[54] **ALUMINUM SHEET WITH ENHANCED FORMABILITY AND AN ALUMINUM CONTAINER MADE FROM ALUMINUM SHEET**
[54] **TOLE D'ALUMINIUM PRESENTANT UNE APTITUDE AU FORMAGE AMELIOREE ET RECIPIENT D'ALUMINIUM CONSTITUE D'UNE TOLE D'ALUMINIUM**
[72] ROUNS, THOMAS N., US
[72] MCNEISH, DAVID, US
[72] CAPPS, JEAN F., US
[72] COMBS, SAMUEL, US
[72] WALTERS, CHRISTOPHER L., US
[73] KAISER ALUMINUM WARRICK, LLC, US
[85] 2019-01-15
[86] 2017-09-01 (PCT/US2017/049873)
[87] (WO2018/045296)
[30] US (62/381,341) 2016-08-30

[11] **3,031,975**
[13] C
[51] **Int.Cl. F16C 17/04 (2006.01) E21B 12/00 (2006.01) F16C 35/02 (2006.01)**
[25] EN
[54] **BEARING ASSEMBLY**
[54] **ENSEMBLE PALIER**
[72] KIRKHOPE, KENNEDY J., CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (3031975)
[87] (3031975)
[22] 2010-01-28
[62] 3,022,564

[11] **3,032,258**
[13] C
[51] **Int.Cl. C04B 26/26 (2006.01) C04B 24/08 (2006.01) E01C 7/26 (2006.01)**
[25] EN
[54] **ASPHALT MIXTURE, PROCESS FOR PRODUCTION OF SAME, AND PAVING METHOD USING SAME**
[54] **MELANGE D'ASPHALTE, SON PROCEDE DE PRODUCTION ET PROCEDE DE PAVAGE L'UTILISANT**
[72] MORIYASU, HIROCHIKA, JP
[72] KOSHI, KENTARO, JP
[72] HATAKEYAMA, KEIGO, JP
[73] MAEDA ROAD CONSTRUCTION CO., LTD, JP
[85] 2019-01-28
[86] 2017-07-05 (PCT/JP2017/024666)
[87] (WO2018/020971)
[30] JP (2016-149810) 2016-07-29

[11] **3,032,844**
[13] C
[51] **Int.Cl. E04C 2/288 (2006.01) B28B 7/22 (2006.01)**
[25] EN
[54] **INTERLOCKING FORM ASSEMBLY**
[54] **ENSEMBLE DE FORME A VERROUILLAGE MUTUEL**
[72] SWINK, GERY, US
[72] MAHAFFEY, KEN, US
[73] ABT, INC., US
[86] (3032844)
[87] (3032844)
[22] 2014-03-17
[62] 2,906,897
[30] US (61/798,029) 2013-03-15

[11] **3,033,523**
[13] C
[51] **Int.Cl. H02S 20/10 (2014.01) H02S 40/32 (2014.01) H02S 40/34 (2014.01)**
[25] EN
[54] **TOTEM POLE SOLAR CAPTURE HOUSING UNIT**
[54] **UNITE DE BOITIER DE CAPTURE SOLAIRE A MAT TOTEMIQUE**
[72] BRADLEY, PATRICK MICHAEL, CA
[73] BRADLEY, PATRICK MICHAEL, CA
[85] 2019-02-11
[86] 2017-08-14 (PCT/CA2017/050958)
[87] (WO2018/035601)
[30] CA (2939667) 2016-08-22

[11] **3,033,595**
[13] C
[51] **Int.Cl. C08G 77/20 (2006.01) C08G 77/28 (2006.01) C08G 77/392 (2006.01)**
[25] EN
[54] **CHAIN-EXTENDED POLYDIMETHYLSILOXANE VINYLIC CROSSLINKERS AND USES THEREOF**
[54] **AGENTS DE RETICULATION VINYLIQUES DE POLYDIMETHYLSILOXANE A CHAINE ETENDUE ET UTILISATIONS ASSOCIEES**
[72] JING, FENG, US
[72] CHANG, FRANK, US
[73] ALCON INC., US
[85] 2019-02-11
[86] 2017-10-09 (PCT/IB2017/056223)
[87] (WO2018/069815)
[30] US (62/406,465) 2016-10-11

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[13] C
[51] **Int.Cl. B42D 25/36 (2014.01) B42D 25/30 (2014.01) B42D 25/324 (2014.01) B42D 25/351 (2014.01) B41M 3/14 (2006.01)**
[25] EN
[54] **ANTI-HARVESTABLE SECURITY FEATURE**
[54] **CARACTERISTIQUE DE SECURITE ANTI-RECOLTE**
[72] BLEIMAN, BENJAMIN E., US
[72] GOSNELL, JONATHAN D., US
[73] VISUAL PHYSICS, LLC, US
[85] 2019-02-13
[86] 2017-08-15 (PCT/US2017/046955)
[87] (WO2018/035126)
[30] US (62/374,961) 2016-08-15

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[13] C
[51] **Int.Cl. A61B 34/30 (2016.01) A61B 34/37 (2016.01) B25J 13/00 (2006.01) B25J 13/08 (2006.01)**
[25] EN
[54] **USER CONSOLE SYSTEM FOR ROBOTIC SURGERY**
[54] **SYSTEME DE CONSOLE D'UTILISATEUR POUR CHIRURGIE ROBOTISEE**
[72] SAVALL, JOAN, US
[72] GARCIA KILROY, PABLO E., US
[72] NOBLES, BRENT, US
[72] MOORE, DAVID, US
[73] VERB SURGICAL INC., US
[85] 2019-02-26
[86] 2017-09-21 (PCT/US2017/052824)
[87] (WO2018/057814)
[30] US (62/397,823) 2016-09-21

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[13] C
[51] **Int.Cl. G02B 26/08 (2006.01)**
[25] EN
[54] **PIEZOELECTRIC ACTUATOR, DEFORMABLE MIRROR AND METHOD FOR MANUFACTURING DEFORMABLE MIRROR**
[54] **ACTIONNEUR PIEZOELECTRIQUE, MIROIR DEFORMABLE ET PROCEDE DE FABRICATION DE MIROIR DEFORMABLE**
[72] LIU, GUOXI, CN
[72] WANG, PENGHUI, CN
[72] WANG, ZHIPENG, CN
[72] SHI, HUADUO, CN
[73] BEIJING SUPERSONIC TECHNOLOGY CO., LTD., CN
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[25] EN
[54] **SYSTEMS AND METHODS FOR MEASURING ELECTRICAL POWER USAGE IN A STRUCTURE AND SYSTEMS AND METHODS OF CALIBRATING THE SAME**
[54] **SYSTEMES ET PROCEDES DE MESURE DE PUISSANCE ELECTRIQUE UTILISEE DANS UNE STRUCTURE, ET SYSTEMES ET PROCEDES D'ETALONNAGE ASSOCIES**
[72] PATEL, SHWETAK N., US
[72] GUPTA, SIDHANT, US
[72] REYNOLDS, MATTHEW S., US
[72] YOGEESWARAN, KARTHIK, US
[73] BELKIN INTERNATIONAL, INC., US
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[25] EN
[54] **CHANNEL-COMPENSATED LOW-LEVEL FEATURES FOR SPEAKER RECOGNITION**
[54] **CARACTERISTIQUES DE BAS NIVEAU DE COMPENSATION DE CANAL POUR LA RECONNAISSANCE DE LOCUTEUR**
[72] KHOURY, ELIE, US
[72] GARLAND, MATTHEW, US
[73] PINDROP SECURITY, INC., US
[85] 2019-03-11
[86] 2017-09-19 (PCT/US2017/052293)
[87] (WO2018/053518)
[30] US (62/396,617) 2016-09-19
[30] US (62/396,670) 2016-09-19
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[25] EN
[54] **DEUTERATED 3-(4,5-SUBSTITUTED AMINOPYRIMIDINE) PHENYL DERIVATIVES AND USE THEREOF**
[54] **DERIVES DE 3- (4,5-SUBSTITUE PYRIMIDINAMINE) PHENYLE DEUTERES ET LEURS APPLICATIONS**
[72] ZHU, YONGQIANG, CN
[72] LIU, ZHAOGANG, CN
[72] FENG, CHAO, CN
[72] HU, SHIHE, CN
[72] CHEN, HAO, CN
[72] BAI, ENHE, CN
[72] WANG, JIA, CN
[72] SHI, JINGMIAO, CN
[73] NANJING CHUANGTE PHARMACEUTICAL TECHNOLOGY CO., LTD, CN
[85] 2019-03-15
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[30] CN (201610833361.3) 2016-09-19
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[25] EN
[54] **RELIABILITY ROBUST DESIGN METHOD FOR MULTIPLE FAILURE MODES OF ULTRA-DEEP WELL HOISTING CONTAINER**
[54] **METHODE DE CONCEPTION ROBUSTE DE FIABILITE DESTINEE A PLUSIEURS MODES DEDEFAILLANCE DE CONTENANT DE LEVAGE DE PUITS ULTRA PROFONDS**
[72] LU, HAO, CN
[72] ZHU, ZHENCAI, CN
[72] ZHOU, GONGBO, CN
[72] PENG, YUXING, CN
[72] CAO, GUOHUA, CN
[72] LI, WEI, CN
[72] SHEN, GANG, CN
[72] WANG, DAGANG, CN
[72] JIANG, FAN, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2019-03-20
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[51] **Int.Cl. B60C 27/10 (2006.01) F16G 15/00 (2006.01)**
[25] EN
[54] **SELF-TIGHTENING SNOW CHAIN AND METHODS OF USE**
[54] **CHAINE A NEIGE AUTO RESSERRANTE ET METHODE D'UTILISATION**
[72] STENER, LESTER, US
[72] MCCAULEY, JOHN J., US
[73] PEERLESS CHAIN COMPANY, US
[86] (3037760)
[87] (3037760)
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[54] **SYSTEM AND METHOD FOR CONTROLLING MULTIPLE ELEVATOR CABS IN AN ELEVATOR SHAFT**
[54] **SYSTEME ET PROCEDE POUR COMMANDER DE MULTIPLES CABINES D'ASCENSEUR DANS UNE CAGE D'ASCENSEUR**
[72] JACOBS, JUSTIN (DECEASED), US
[73] SMART LIFTS, LLC, US
[85] 2019-03-25
[86] 2016-09-28 (PCT/US2016/054234)
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[51] **Int.Cl. C08H 7/00 (2011.01) C08G 18/64 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING ALKOXYLATED POLYPHENOLS**
[54] **PROCEDE DE FABRICATION DE POLYPHENOLS ALCOXYLES**
[72] GILLET, JEAN-PHILIPPE, FR
[72] DEVAUX, JEAN-FRANCOIS, FR
[72] LEDUC, PHILIPPE, FR
[73] ARKEMA FRANCE, FR
[85] 2019-03-26
[86] 2017-10-03 (PCT/FR2017/052721)
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[51] **Int.Cl. B64D 37/06 (2006.01) B65D 90/00 (2006.01)**
[25] EN
[54] **METHOD OF INCREASING FUEL CAPACITY AND KIT FOR SAME**
[54] **METHODE D`AUGMENTATION DE LA CAPACITE D`UN RESERVOIR DE CARBURANT ET TROUSSE POUR CELLE-CI**
[72] OUELLET, MARC, CA
[73] TEXTRON INNOVATIONS INC., US
[86] (3038485)
[87] (3038485)
[22] 2019-03-28
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[25] EN
[54] **CONTROLLING AUTONOMOUS VEHICLES TO PROVIDE AUTOMATED EMERGENCY RESPONSE FUNCTIONS**
[54] **COMMANDE DE VEHICULES AUTONOMES DESTINEE A FOURNIR DES FONCTIONS DE REPONSE D'URGENCE AUTOMATISEES**
[72] KUMAR, SURENDER, US
[72] BRIGGS, RYAN M., US
[72] SLUSAR, MARK, US
[72] GIBSON, TIMOTHY W., US
[73] ALLSTATE INSURANCE COMPANY, US
[85] 2019-03-28
[86] 2017-09-28 (PCT/US2017/053898)
[87] (WO2018/064267)
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[25] EN
[54] **MOTION VIDEO PREDICT CODING METHOD, MOTION VIDEO PREDICT CODING DEVICE, MOTION VIDEO PREDICT CODING PROGRAM, MOTION VIDEO PREDICT DECODING METHOD, MOTION VIDEO PREDICT DECODING DEVICE, AND MOTION VIDEO PREDICT DECODING PROGRAM**
[54] **PROCEDE DE CODAGE PAR PREDICTION DE VIDEO ANIMEE, DISPOSITIF DE CODAGE PAR PREDICTION DE VIDEO ANIMEE, PROGRAMME DE CODAGE PAR PREDICTION DE VIDEO ANIMEE, PROCEDE DE DECODAGE PAR PREDICTION DE VIDEO ANIMEE, DISPOSITIF DE DECODAGE PAR PREDICTION DE VIDEO ANIMEE ET PROGRAMME DE DECODAGE PAR PREDICTION DE VIDEO ANIMEE**
[72] BOON, CHOONG SENG, JP
[72] SUZUKI, YOSHINORI, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
[86] (3039174)
[87] (3039174)
[22] 2012-09-10
[62] 2,972,448
[30] JP (2011-240334) 2011-11-01
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[51] **Int.Cl. C12N 1/16 (2006.01) A23L 33/14 (2016.01) C12G 1/02 (2006.01)**
[25] EN
[54] **A STRAIN OF YEAST SACCHAROMYCES BAYANUS SUBSP. UVARUM DBVPG36P, ITS USE IN THE FERMENTATIVE PRODUCTION OF FOODS AND A METHOD FOR THE SELECTION OF THE STRAIN**
[54] **SOUCHE DE LEVURE SACCHAROMYCES BAYANUS SUBSP. UVARUM DBVPG36P, SON UTILISATION DANS LA PRODUCTION D'ALIMENTS PAR FERMENTATION ET PROCEDE DE SELECTION DE LA SOUCHE**
[72] POLO, MAURIZIO, IT
[73] BIOENOLOGIA 2.0 S.R.L., IT
[85] 2019-04-04
[86] 2018-05-11 (PCT/IB2018/053290)
[87] (WO2018/207141)
[30] IT (102017000051113) 2017-05-11

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[51] **Int.Cl. C09D 167/08 (2006.01)**
[25] EN
[54] **REFINISH COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT DE REMISE A NEUF**
[72] KORDOSH, JOHN R., US
[73] PPG ARCHITECTURAL FINISHES, INC., US
[85] 2019-04-04
[86] 2017-10-27 (PCT/US2017/058705)
[87] (WO2018/081523)
[30] US (15/338,670) 2016-10-31

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[51] **Int.Cl. B62D 25/20 (2006.01) B21D 22/00 (2006.01) B62D 29/00 (2006.01) B62D 33/06 (2006.01)**
[25] EN
[54] **REINFORCEMENT MEMBER COMPRISING A COLD BENT TAB**
[54] **ELEMENT DE RENFORT COMPRENANT UNE PATTE PLIEE A FROID**
[72] LAM, JIMMY, FR
[72] WILSIUS, JOEL, FR
[72] SCHNEIDER, NICOLAS, FR
[73] ARCELORMITTAL, LU
[85] 2019-04-05
[86] 2017-11-21 (PCT/IB2017/057296)
[87] (WO2018/092113)
[30] IB (PCT/IB2016/057002) 2016-11-21

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[51] **Int.Cl. A61B 1/00 (2006.01) F21V 21/02 (2006.01) G02B 6/00 (2006.01)**
[25] EN
[54] **AIMING AND STATUS INDICATOR SYSTEM FOR SURGICAL LIGHTHEADS AND CAMERAS**
[54] **SYSTEME DE VISEE ET INDICATEUR D'ETAT POUR TETES D'ECLAIRAGE CHIRURGICALES ET CAMERAS**
[72] HOLLOPETER, MICHAEL, US
[72] JURKIEWICZ, DAMON, US
[72] JESURUN, DAVID, US
[72] FOGLE, LENA TANA, US
[73] AMERICAN STERILIZER COMPANY, US
[85] 2019-04-12
[86] 2017-10-20 (PCT/US2017/057563)
[87] (WO2018/085058)
[30] US (62/415,570) 2016-11-01
[30] US (15/788,032) 2017-10-19

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[51] **Int.Cl. G06Q 20/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INFORMATION PROTECTION**
[54] **SYSTEME ET PROCEDE POUR LA PROTECTION D'INFORMATIONS**
[72] MA, BAOLI, CN
[72] ZHANG, WENBIN, CN
[73] ADVANCED NEW TECHNOLOGIES CO., LTD., KY
[85] 2019-04-15
[86] 2018-11-27 (PCT/CN2018/117560)
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[51] **Int.Cl. C22C 21/00 (2006.01) B21C 23/00 (2006.01) C22C 1/02 (2006.01) C22F 1/04 (2006.01)**
[25] EN
[54] **IMPACT EXTRUDED CONTAINERS FROM RECYCLED ALUMINUM SCRAP**
[54] **CONTENANTS FILES PAR CHOC A PARTIR DE DECHETS D'ALUMINIUM RECYCLES**
[72] SILES, JOHN L., US
[72] PLATEK, STANLEY M., US
[72] CHATEY, ANTHONY, CS
[72] MELANCON, SAMUEL, CA
[73] BALL CORPORATION, US
[86] (3040764)
[87] (3040764)
[22] 2012-09-14
[62] 2,848,846
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[51] **Int.Cl. C09D 5/18 (2006.01)**
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[54] **SURFACTANTS FOR INTUMESCENT FOAM STABILIZATION**
[54] **TENSIOACTIFS POUR STABILISATION DE MOUSSE INTUMESCENTE**
[72] PESKENS, RONNIE, NL
[72] MCCOLLUM, GREGORY J., US
[72] KALSANI, VENKATESHWARLU, US
[72] SISCO, SEIKO, US
[73] PPG COATINGS EUROPE B.V., NL
[85] 2019-04-16
[86] 2017-11-10 (PCT/EP2017/078932)
[87] (WO2018/087315)
[30] US (62/420,013) 2016-11-10

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[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/238 (2011.01) H04N 21/2387 (2011.01) H04N 19/60 (2014.01) H04L 29/06 (2006.01)**
[25] EN
[54] **RENDERING STREAM CONTROLLER**
[54] **CONTROLEUR DE CHAINE D'EQUARRISSAGE**
[72] MILFORD, MATTHEW A., US
[73] ARRIS ENTERPRISES LLC, US
[86] (3042075)
[87] (3042075)
[22] 2019-05-02
[30] US (62/666,160) 2018-05-03

[11] **3,042,200**
[13] C
[51] **Int.Cl. B25F 1/04 (2006.01) B25B 7/00 (2006.01) B25F 1/00 (2006.01)**
[25] EN
[54] **TOOL HAVING ONE OR MORE ROTATABLE TOOL MEMBERS**
[54] **OUTIL COMPORTANT UN OU PLUSIEURS ELEMENTS ROTATIFS**
[72] LAZENBY, ADAM, US
[72] BROWN, MATTHEW, US
[73] LEATHERMAN TOOL GROUP, INC., US
[86] (3042200)
[87] (3042200)
[22] 2019-05-03
[30] US (16/012291) 2018-06-19

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[51] **Int.Cl. H04W 28/06 (2009.01) H04W 72/04 (2009.01) H04B 7/155 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **STRUCTURE OF MAC SUB-HEADER FOR SUPPORTING NEXT GENERATION MOBILE COMMUNICATION SYSTEM AND METHOD AND APPARATUS USING THE SAME**
[54] **STRUCTURE DE SOUS-EN-TETE MAC POUR PRENDRE EN CHARGE UN SYSTEME DE COMMUNICATION MOBILE DE PROCHAINE GENERATION, PROCEDE ET APPAREIL L'UTILISANT**
[72] KIM, DONGGUN, KR
[72] KIM, SOENGHUN, KR
[72] JIN, SEUNGRI, KR
[72] KIM, SANGBUM, KR
[72] VAN LIESHOUT, GERT JAN, NL
[72] SAYENKO, ALEXANDER, KR
[72] JANG, JAEHYUK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2019-05-03
[86] 2017-11-03 (PCT/KR2017/012404)
[87] (WO2018/084632)
[30] KR (10-2016-0146353) 2016-11-04
[30] KR (10-2016-0150848) 2016-11-14
[30] KR (10-2016-0179455) 2016-12-26
[30] KR (10-2017-0026682) 2017-02-28

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[51] **Int.Cl. B27B 33/12 (2006.01) B27B 33/02 (2006.01)**
[25] EN
[54] **SAW TOOTH AND INSERT THEREFOR**
[54] **DENT DE SCIE ET INSERTION ASSOCIEE**
[72] RHODE, JEFF TYLER, US
[73] U.S. TSUBAKI HOLDINGS, INC., US
[86] (3043601)
[87] (3043601)
[22] 2019-05-15
[30] US (62/671,739) 2018-05-15
[30] US (16/411,496) 2019-05-14

[11] **3,043,684**
[13] C
[51] **Int.Cl. F25B 1/00 (2006.01) C09K 5/04 (2006.01) F25B 43/00 (2006.01)**
[25] EN
[54] **HEAT TRANSPORT DEVICE AND HEAT TRANSPORT METHOD USING SAME**
[54] **DISPOSITIF DE TRANSPORT DE CHALEUR ET PROCEDE DE TRANSPORT DE CHALEUR L'UTILISANT**
[72] TSUCHIYA, TATSUMI, JP
[72] KOBA, KOUHEI, JP
[72] TANAKA, MASARU, JP
[73] DAIKIN INDUSTRIES, LTD., JP
[85] 2019-05-13
[86] 2017-10-31 (PCT/JP2017/039252)
[87] (WO2018/105271)
[30] JP (2016-239242) 2016-12-09

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[51] **Int.Cl. B25B 13/46 (2006.01)**
[25] EN
[54] **REVERSING LEVER**
[54] **LEVIER INVERSEUR**
[72] THOMPSON, CHRISTOPHER D., US
[73] SNAP-ON INCORPORATED, US
[86] (3043785)
[87] (3043785)
[22] 2019-05-17
[30] US (16/002,234) 2018-06-07

[11] **3,043,843**
[13] C
[51] **Int.Cl. E04B 1/348 (2006.01)**
[25] EN
[54] **HABITATION BLOCK AND METHOD FOR PRODUCING THERMAL INSULATION**
[54] **IMMEUBLE A APPARTEMENTS ET PROCEDE DE FABRICATION D'UNE ISOLATION THERMIQUE**
[72] MALLINOWSKI, IVAN, DE
[73] WERK EINS GMBH, DE
[85] 2019-05-14
[86] 2017-11-15 (PCT/EP2017/001334)
[87] (WO2018/091137)
[30] DE (20 2016 106 380.9) 2016-11-15
[30] DE (10 2017 116 939.3) 2017-07-26

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[13] C
[51] **Int.Cl. G02B 5/20 (2006.01) G01N 21/25 (2006.01)**
[25] EN
[54] **OPTICAL FILTER AND SPECTROMETER**
[54] **FILTRE OPTIQUE ET SPECTROMETRE**
[72] SMITH, PAULA, US
[72] HRUSKA, CURTIS R., US
[72] CATCHING, BENJAMIN F., US
[72] COOMBS, PAUL G., US
[73] VIAVI SOLUTIONS INC., US
[86] (3043997)
[87] (3043997)
[22] 2016-08-03
[62] 2,938,013
[30] US (14/818,986) 2015-08-05

[11] **3,044,126**
[13] C
[51] **Int.Cl. C08L 23/02 (2006.01)**
[25] EN
[54] **DEGRADABLE POLYMER AND METHOD OF PRODUCTION**
[54] **POLYMERE DEGRADABLE ET PROCEDE DE PRODUCTION**
[72] CHAPMAN, GRAHAM, GB
[72] WALLIS, CHRISTOPHER, GB
[72] HILL, GAVIN, GB
[73] POLYMATERIA LIMITED, GB
[85] 2019-05-16
[86] 2017-11-21 (PCT/EP2017/079914)
[87] (WO2018/095905)
[30] GB (1619746.9) 2016-11-22
[30] EP (16275171.3) 2016-12-02

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[13] C
[51] **Int.Cl. G05B 19/042 (2006.01)**
[25] EN
[54] **POWER-OVER-ETHERNET-BASED FIELD DEVICE USED IN AUTOMATION TECHNOLOGY**
[54] **APPAREIL DE TERRAIN POUR L'AUTOMATISATION A ALIMENTATION ELECTRIQUE PAR CABLE ETHERNET**
[72] PAUL, TOBIAS, DE
[72] STIB, RALPH, DE
[72] GEIB, PATRICK, DE
[73] ENDRESS+HAUSER SE+CO. KG, DE
[85] 2019-05-16
[86] 2017-11-22 (PCT/EP2017/080064)
[87] (WO2018/114192)
[30] DE (10 2016 125 238.7) 2016-12-21

[11] **3,044,400**
[13] C
[51] **Int.Cl. E21B 47/18 (2012.01)**
[25] EN
[54] **BOREHOLE COMMUNICATION USING VIBRATION FREQUENCY**
[54] **COMMUNICATION DE TROU DE FORAGE EMPLOYANT LA FREQUENCE DE VIBRATION**
[72] HOHL, ANDREAS, US
[72] EMMERICH, WOJCIECH, US
[73] BAKER HUGHES, A GE COMPANY, LLC, US
[86] (3044400)
[87] (3044400)
[22] 2019-05-28
[30] US (62/677212) 2018-05-29
[30] US (16/417856) 2019-05-21

[11] **3,045,034**
[13] C
[51] **Int.Cl. B01J 20/28 (2006.01) B33Y 80/00 (2015.01) B29C 64/00 (2017.01) B01D 46/24 (2006.01) B01D 53/04 (2006.01) B01D 53/047 (2006.01) B28B 1/00 (2006.01) B29C 67/00 (2017.01)**
[25] EN
[54] **SELF-SUPPORTING STRUCTURES HAVING ACTIVE MATERIALS**
[54] **STRUCTURES AUTOPORTANTES AYANT DES MATERIAUX ACTIFS**
[72] BRODY, JOHN F., US
[72] TINDALL, PAUL J., US
[72] WOOLER, BRADLEY, US
[72] ALTERA, FRANCESCO J., US
[72] DU, YI, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2019-05-24
[86] 2017-11-29 (PCT/US2017/063735)
[87] (WO2018/118360)
[30] US (62/437,327) 2016-12-21
[30] US (62/585,574) 2017-11-14

[11] **3,045,052**
[13] C
[51] **Int.Cl. B26B 21/48 (2006.01)**
[25] EN
[54] **HEATING MEMBER FOR A SHAVING RAZOR**
[54] **ELEMENT CHAUFFANT POUR RASOIR**
[72] BROEMSE, NORBERT, DE
[73] THE GILLETTE COMPANY LLC, US
[85] 2019-05-24
[86] 2018-01-11 (PCT/US2018/013237)
[87] (WO2018/136285)
[30] EP (17152537.1) 2017-01-20

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[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **WELLBORE DEBRIS HANDLER FOR ELECTRIC SUBMERSIBLE PUMPS**
[54] **MANIPULATEUR DE DEBRIS DE PUITS DE FORAGE POUR POMPES ELECTRIQUES IMMERGEES**
[72] XIAO, JINJIANG, SA
[72] EJIM, CHIDIRIM ENOCH, SA
[72] SHEPLER, RANDALL ALAN, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-05-31
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[87] (WO2018/111837)
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[25] EN
[54] **DIAPHRAGM WALLS**
[54] **PAROIS DE DIAPHRAGME**
[72] COUPLAND, JOHN, GB
[73] CCMJ SYSTEMS LTD, GB
[85] 2019-06-07
[86] 2018-03-20 (PCT/GB2018/050716)
[87] (WO2018/197828)
[30] GB (1706643.2) 2017-04-26

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[25] EN
[54] **MEDICAL GOWN**
[54] **CHEMISE D`HOPITAL**
[72] PONICH, DAVID R., CA
[72] EULERT, JOSHUA A., CA
[72] FOK, ENRICO W.K., CA
[72] ETHIER, LUCAS P., CA
[73] PRIMED MEDICAL PRODUCTS INC., CA
[86] (3047749)
[87] (3047749)
[22] 2019-06-21
[30] US (62/694,821) 2018-07-06

[11] **3,048,360**
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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/48 (2006.01) A61K 31/485 (2006.01) A61K 47/10 (2017.01) A61K 47/26 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR FORMULATION HAVING IMPROVED CONTENT UNIFORMITY**
[54] **METHODE DE PRODUCTION POUR FORMULATION AYANT UNE UNIFORMITE DE TENEUR AMELIOREE**
[72] MASHIMO, AKIRA, JP
[72] ICHIO, SHUNJI, JP
[73] SHIONOGI & CO., LTD., JP
[85] 2019-06-25
[86] 2017-12-26 (PCT/JP2017/046614)
[87] (WO2018/124062)
[30] JP (2016-250513) 2016-12-26

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[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/38 (2006.01)**
[25] EN
[54] **ELECTRICAL SUBMERSIBLE PUMPING SYSTEM WITH SEPARATOR**
[54] **SYSTEME ELECTRIQUE DE POMPAGE SUBMERSIBLE DOTE D'UN SEPARATEUR**
[72] XIAO, JINJIANG, SA
[72] EJIM, CHIDIRIM ENOCH, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-07-09
[86] 2018-01-11 (PCT/US2018/013256)
[87] (WO2018/132528)
[30] US (15/403,642) 2017-01-11

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[51] **Int.Cl. B60K 13/04 (2006.01)**
[25] EN
[54] **AIR CLEANER FOR VEHICLE**
[54] **ASSAINISSEUR D'AIR DE VEHICULE**
[72] NAM, CHUN OK, KR
[73] NAM, CHUN OK, KR
[85] 2019-08-06
[86] 2019-02-25 (PCT/KR2019/002262)
[87] (WO2019/198930)
[30] KR (10-2018-0041949) 2018-04-11

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[51] **Int.Cl. E05F 15/63 (2015.01) E05F 15/611 (2015.01)**
[25] EN
[54] **VEHICLE DOOR SYSTEM WITH POWER DRIVE MODULE**
[54] **SYSTEME DE PORTIERE DE VEHICULE AVEC MODULE D'ENTRAINEMENT DE PUISSANCE**
[72] GRUBER, RUDOLF, CA
[72] DANIELS, ANDREW R., CA
[72] NAGAMANY, BALATHAS, CA
[73] MULTIMATIC INC., CA
[86] (3052857)
[87] (3052857)
[22] 2015-04-09
[62] 2,960,789

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[25] EN
[54] **STAND ALONE PORTABLE SENSING SYSTEM FOR ADVANCED NANOPARTICLE TRACERS**
[54] **SYSTEME DE DETECTION PORTATIF AUTONOME POUR TRACEURS DE NANOPARTICULES EVOLUES**
[72] SHOEMAKER ELLIS, ERIKA, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-08-22
[86] 2018-03-06 (PCT/US2018/021002)
[87] (WO2018/165063)
[30] US (15/450,979) 2017-03-06

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[51] **Int.Cl. G10L 21/0364 (2013.01) G10L 19/032 (2013.01) G10L 21/038 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF PERFORMING NOISE MODULATION AND GAIN ADJUSTMENT**
[54] **SYSTEMES ET PROCEDES D'EXECUTION D'UNE MODULATION DE BRUIT ET D'UN REGLAGE DE PUISSANCE**
[72] ATTI, VENKATRAMAN SRINIVASA, US
[72] KRISHNAN, VENKATESH, US
[73] QUALCOMM INCORPORATED, US
[86] (3058998)
[87] (3058998)
[22] 2013-08-29
[62] 2,896,965
[30] US (61/762810) 2013-02-08
[30] US (14/012749) 2013-08-28

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[51] **Int.Cl. G07B 15/02 (2011.01) G06Q 20/04 (2012.01) G06Q 20/32 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **UNIVERSAL FARE PAYMENT AND COLLECTION SYSTEM**
[54] **SYSTEME UNIVERSEL DE PAIEMENT ET DE COLLECTE DE PRIX**
[72] MANGO, MOUA BRANCKAY CESAR SERGE, FR
[73] MANGO, MOUA BRANCKAY CESAR SERGE, FR
[85] 2019-10-16
[86] 2018-04-23 (PCT/IB2018/000505)
[87] (WO2018/207015)
[30] US (62/504,185) 2017-05-10
[30] US (15/949,760) 2018-04-10

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[51] **Int.Cl. G05D 7/06 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **CONTINUOUS FLUID METERING SYSTEM**
[54] **SYSTEME DE DEBITMETRE DE FLUIDE CONTINU**
[72] BLACK, CHARLES D., US
[72] BLACK, IAN C., US
[72] DRISCOLL, ALEC J., US
[72] HAYDEN, STEVEN E., US
[73] FLOWCORE SYSTEMS, LLC, US
[86] (3061131)
[87] (3061131)
[22] 2019-11-08
[30] US (16659759) 2019-10-22

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[51] **Int.Cl. B29C 70/40 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR FORMING PRODUCTS FROM ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE**
[54] **APPAREIL ET PROCEDES DE FORMATION DE PRODUITS A PARTIR DE POLYETHYLENE DE MASSE MOLECULAIRE TRES ELEVEE**
[72] MACGILLIVRAY, RYAN, CA
[73] 45721 YUKON INC., CA
[86] (3062014)
[87] (3062014)
[22] 2019-11-18
[30] US (62/779,894) 2018-12-14

[11] **3,063,076**
[13] C
[51] **Int.Cl. B62B 7/04 (2006.01) B62B 9/26 (2006.01)**
[25] EN
[54] **CHILD STROLLER APPARATUS HAVING AN EXPANDABLE FRAME**
[54] **DISPOSITIF DE POUSSETTE D'ENFANT COMPORTANT UN CHASSIS EXTENSIBLE**
[72] HAUT, ROBERT E., US
[72] TAYLOR, ANDREW J., US
[72] BOWERS, PATRICK J., US
[72] HARTENSTINE, CURTIS M., US
[73] WONDERLAND SWITZERLAND AG, CH
[86] (3063076)
[87] (3063076)
[22] 2017-01-25
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[30] US (62/290,731) 2016-02-03
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[51] **Int.Cl. B28B 11/00 (2006.01) B28B 11/04 (2006.01) B41M 5/00 (2006.01) C04B 41/45 (2006.01) E04B 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A PRINTED CONCRETE ELEMENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT EN BETON IMPRIME**
[72] METTEN, MICHAEL, DE
[72] VOLMER, GUIDO, DE
[72] SEPEUR, STEFAN, DE
[72] MUTH, ALEXANDRA, DE
[73] METTEN STEIN+DESIGN GMBH & CO. KG, DE
[73] NANO-X GMBH, DE
[85] 2019-11-29
[86] 2018-04-04 (PCT/EP2018/058551)
[87] (WO2018/219525)
[30] DE (DE 10 2017 005 280.8) 2017-06-02

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[13] C
[51] **Int.Cl. E03C 1/04 (2006.01)**
[25] EN
[54] **FAUCET INCLUDING A ROTATABLE SPOUT ARM**
[54] **ROBINET DE CUISINE AVEC BRAS POUR BEC ROTATIF**
[72] ROSKO, MICHAEL SCOT, US
[72] EADS, THAD J., US
[73] DELTA FAUCET COMPANY, US
[86] (3066144)
[87] (3066144)
[22] 2019-12-27
[30] US (16/235,421) 2018-12-28

[11] **3,069,779**
[13] C
[51] **Int.Cl. G06N 3/06 (2006.01) G06N 3/04 (2006.01)**
[25] EN
[54] **NEURAL NETWORK PROCESSING ELEMENT**
[54] **ELEMENT DE TRAITEMENT DE RESEAU NEURONAL**
[72] MOSHOVOS, ANDREAS, CA
[72] SHARIFY, SAYEH, CA
[72] MAHMOUD, MOSTAFA, CA
[73] TARTAN AI LTD., CA
[85] 2020-01-13
[86] 2019-04-25 (PCT/CA2019/050525)
[87] (WO2019/213745)
[30] US (62/668,363) 2018-05-08

[11] **3,075,738**
[13] C
[51] **Int.Cl. H04R 25/00 (2006.01)**
[25] EN
[54] **LOW LATENCY AUDIO ENHANCEMENT**
[54] **AMELIORATION AUDIO A FAIBLE LATENCE**
[72] CROW, DWIGHT, GB
[72] ZIPPEL, SHLOMO, US
[72] SONG, ANDREW, US
[72] MCQUINN, EMMETT, US
[72] RICH, ZACHARY, US
[73] WHISPER. AI INC., US
[85] 2020-03-12
[86] 2018-09-12 (PCT/US2018/050784)
[87] (WO2019/055586)
[30] US (62/557,468) 2017-09-12

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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01) G06F 16/90 (2019.01) G01N 29/04 (2006.01) G01S 15/88 (2006.01) G06Q 20/00 (2012.01)**
[25] EN
[54] **METHOD FOR MONETIZATION OF THE DATA PROCESSING OF ULTRASONIC SCAN DATA FILES**
[54] **PROCEDE DE MONETISATION DU TRAITEMENT DE DONNEES DE FICHIERS DE DONNEES DE BALAYAGE ULTRASONIQUE**
[72] DAVIS, JOHN MARK, US
[72] COBBS, ARCHIBALD LEACH, US
[72] HANSEN, CHARLES ALLAN, US
[72] BUBLITZ, NICHOLAS JAMES, US
[72] DAVIS, SAMUEL MATTHEW, US
[73] VERIPHASE, INC., US
[85] 2020-03-27
[86] 2019-06-10 (PCT/US2019/036369)
[87] (WO2020/204978)
[30] US (16/375,611) 2019-04-04
[30] US (16/402,715) 2019-05-03
[30] US (16,416,164) 2019-05-18

[11] **3,077,446**
[13] C
[51] **Int.Cl. G01N 29/04 (2006.01)**
[25] EN
[54] **ULTRASONIC WELD ANALYSIS FOR ORTHOTROPIC STEEL DECKING SYSTEMS IN BRIDGES**
[54] **ANALYSE DE SOUDURE PAR ULTRASONS POUR SYSTEMES DE PLATELAGES ORTHOTROPES EN ACIER POUR PONTS**
[72] DAVIS, JOHN MARK, US
[72] COBBS, ARCHIBALD LEACH, US
[72] HANSEN, CHARLES ALLAN, US
[72] BUBLITZ, NICHOLAS JAMES, US
[72] DAVIS, SAMUEL MATTHEW, US
[73] VERIPHASE, INC., US
[85] 2020-03-27
[86] 2019-04-04 (PCT/US2019/025877)
[87] (WO2020/204932)

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[51] **Int.Cl. H04S 7/00 (2006.01) G06F 3/16 (2006.01) H04R 27/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CREATING CROSSTALK CANCELED ZONES IN AUDIO PLAYBACK**
[54] **SYSTEME ET PROCEDE POUR CREER DES ZONES D'ANNULATION DE DIAPHONIE DANS UNE LECTURE AUDIO**
[72] LAM, WAI-SHAN, CN
[72] WEISS, DANIEL, CH
[72] LEIDI, TIZIANO, CH
[72] VANCHERI, ALBERTO, CH
[73] SCUOLA UNIVERSITARIA PROFESSIONALE DELLA SVIZZERA ITALIANA (SUPSI), CH
[73] LAM, WAI-SHAN, CN
[73] WEISS, DANIEL, CH
[85] 2020-03-31
[86] 2018-10-11 (PCT/IB2018/057898)
[87] (WO2019/073439)
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[51] **Int.Cl. G01S 5/00 (2006.01) G06N 3/04 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **MAINTAINING A TRAINED NEURAL NETWORK FOR MOBILE DEVICE RSS FINGERPRINT BASED INDOOR NAVIGATION**
[54] **EXPLOITATION D`UN RESEAU NEURONAL FORME POUR LA NAVIGATION D`INTERIEURE BASEE SUR L`EMPREINTE DIGITALE DE L`INTENSITE DU SIGNAL RECU DU DISPOSITIF MOBILE**
[72] KARON, JOSHUA, CA
[72] HUBERMAN, SEAN, CA
[72] OHAB, HENRY, CA
[73] MAPSTED CORP., CA
[86] (3078072)
[87] (3078072)
[22] 2020-04-14
[30] US (16/400,819) 2019-05-01

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[51] **Int.Cl. A01D 34/53 (2006.01) A01D 45/00 (2018.01) A01G 3/00 (2006.01)**
[25] EN
[54] **PLANT TRIMMING APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES D'EBRANCHAGE DE PLANTES**
[72] INGRAM, ERIK, CA
[72] MCKELLAR, AARON, CA
[72] HEYWOOD, JOE, CA
[72] KLOSSOK, RUDI, CA
[73] ETEROS TECHNOLOGIES INC., CA
[85] 2020-04-06
[86] 2018-10-26 (PCT/CA2018/000201)
[87] (WO2019/079877)
[30] US (15/796,157) 2017-10-27

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[51] **Int.Cl. C10G 3/00 (2006.01) C10G 1/00 (2006.01) C10G 31/06 (2006.01) C10G 53/16 (2006.01)**
[25] EN
[54] **MODULAR PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT MODULAIRE**
[72] IVERSEN, STEEN BRUMMERSTEDT, DK
[73] STEEPER ENERGY APS, DK
[85] 2020-05-04
[86] 2018-11-09 (PCT/EP2018/080748)
[87] (WO2019/092174)
[30] DK (PA 2017 70842) 2017-11-09

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/00 (2006.01) F16K 3/24 (2006.01)**
[25] EN
[54] **VALVE ARRANGEMENT, SYSTEM AND METHOD**
[54] **AGENCEMENT DE SOUPAPE, SYSTEME ET PROCEDE ASSOCIES**
[72] HERED, WILLIAM A., US
[73] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2020-05-07
[86] 2018-09-05 (PCT/US2018/049500)
[87] (WO2019/074592)
[30] US (15/782,572) 2017-10-12

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[51] **Int.Cl. C02F 1/36 (2006.01)**
[25] EN
[54] **FLUID DECONTAMINATION APPARATUS**
[54] **APPAREIL DE DECONTAMINATION DE FLUIDE**
[72] VOECKS, GERALD, US
[73] PONTIC TECHNOLOGY, LLC, US
[85] 2020-05-08
[86] 2018-11-15 (PCT/US2018/061387)
[87] (WO2019/099747)
[30] US (62/587,043) 2017-11-16
[30] US (62/641,677) 2018-03-12

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[13] C
[51] **Int.Cl. G01N 33/86 (2006.01)**
[25] EN
[54] **PROTHROMBIN TIME REAGENT COMPRISING AN IRON CHELATOR**
[54] **REACTIF DE TEMPS DE PROTHROMBINE CONTENANT UN CHELATEUR DE FER**
[72] PILGRIM, SABINE, DE
[72] WISSEL, THOMAS, DE
[72] ZANDER, NORBERT, DE
[73] SIEMENS HEALTHCARE DIAGNOSTICS PRODUCTS GMBH, DE
[85] 2020-05-26
[86] 2018-11-27 (PCT/EP2018/082632)
[87] (WO2019/105907)
[30] EP (17204000.8) 2017-11-28

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[51] **Int.Cl. G06F 1/18 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **DISPLAY COVER WITH WEBCAM COVER**
[54] **COUVERCLE D'AFFICHAGE COMPORTANT UN COUVERCLE DE WEBCAM**
[72] WICKETT, GEOFFREY HOWARD, GB
[73] TARGUS INTERNATIONAL LLC, US
[85] 2020-06-16
[86] 2019-03-05 (PCT/US2019/020762)
[87] (WO2019/173346)
[30] US (62/638,791) 2018-03-05

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[13] C
[51] **Int.Cl. F16F 9/56 (2006.01) B60G 13/00 (2006.01) B60G 17/00 (2006.01) F16F 9/16 (2006.01) F16F 9/54 (2006.01)**
[25] EN
[54] **SHOCK ABSORBER**
[54] **AMORTISSEUR DE CHOC**
[72] NADEAU, JIMMY, CA
[73] 9176 7590 QUEBEC INC., CA
[86] (3086359)
[87] (3086359)
[22] 2020-07-10
[30] US (62/944,800) 2019-12-06

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[13] C
[51] **Int.Cl. B29D 24/00 (2006.01) B29D 99/00 (2010.01) B31D 3/02 (2006.01)**
[25] EN
[54] **HIERARCHICAL HONEYCOMB CORE WITH SANDWICH CELL WALLS**
[54] **AME EN NID-D'ABEILLES HIERARCHISEE A PAROIS D'ALVEOLES EN SANDWICH**
[72] PFLUG, JOCHEN, DE
[73] ECONCORE N.V., BE
[85] 2020-08-11
[86] 2019-02-18 (PCT/EP2019/053930)
[87] (WO2019/158743)
[30] EP (18157288.4) 2018-02-16

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[13] C
[51] **Int.Cl. A63B 21/062 (2006.01) A63B 21/00 (2006.01) A63B 21/06 (2006.01) A63B 23/12 (2006.01)**
[25] EN
[54] **FLIP AND GRIP HANDLE SYSTEM FOR LATERAL PULLDOWN EXERCISE MACHINE**
[54] **SYSTEME DE POIGNEE RABATTABLE ET DE PREHENSION POUR APPAREIL POUR EXTENSION DORSALE**
[72] HOCKRIDGE, BRUCE, US
[72] KIM, BILLY, US
[73] HOIST FITNESS SYSTEMS, INC., US
[85] 2020-09-10
[86] 2019-03-05 (PCT/US2019/020678)
[87] (WO2019/182749)
[30] US (62/644,726) 2018-03-19

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[13] C
[51] **Int.Cl. F21K 9/61 (2016.01) F21K 9/00 (2016.01) F21K 9/60 (2016.01) A01G 9/20 (2006.01) F21V 8/00 (2006.01) G02B 5/30 (2006.01)**
[25] EN
[54] **DIFFUSED FIBER-OPTIC HORTICULTURAL LIGHTING**
[54] **ECLAIRAGE HORTICOLE A FIBRES OPTIQUES DIFFUSEES**
[72] ASHDOWN, IAN EDWARD, CA
[72] SCOTT, WALLACE JAY, CA
[73] SUNTRACKER TECHNOLOGIES LTD., CA
[85] 2020-09-14
[86] 2019-03-22 (PCT/CA2019/050359)
[87] (WO2019/183718)
[30] US (62/647,650) 2018-03-24
[30] US (62/660,911) 2018-04-20

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[13] C
[51] **Int.Cl. C04B 28/02 (2006.01)**
[25] EN
[54] **COMPOSITION OF A CEMENT ADDITIVE MATERIAL AS AN ADDITIVE TO CEMENTITIOUS MINERAL ADMIXTURES, AND UTILISED AS LATENT HYDRAULIC BINDERS TO IMPROVE THE OUTCOME OF CEMENTITIOUS PRODUCTS**
[54] **COMPOSITION D'UN MATERIAU ADDITIF DE CIMENT EN TANT QU'ADDITIF POUR DES MELANGES MINERAUX CIMENTAIRES, ET UTILISEE EN TANT QUE LIANTS HYDRAULIQUES LATENTS POUR AMELIORER LE RESULT AT DE PRODUITS CIMENTAIRES**
[72] KVASSNES, ASTRI, NO
[72] CLAUSEN, JILL ANGELIQUE, NO
[73] RESTONE AS, NO
[85] 2020-09-15
[86] 2018-10-03 (PCT/NO2018/050238)
[87] (WO2019/074373)
[30] NO (20171617) 2017-10-11
[30] NO (20181267) 2018-09-28

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[13] C
[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/06 (2006.01) B65D 81/34 (2006.01)**
[25] EN
[54] **CAPSULES AND OTHER CONTAINERS WITH OPTIMIZED RECYCLING ATTRIBUTES AND METHODS FOR MAKING SAME**
[54] **CAPSULES ET AUTRES CONTENANTS PRESENTANT DES ATTRIBUTS DE RECYCLAGE OPTIMISES ET LEURS PROCEDES DE FABRICATION**
[72] TROMBETTA, LIBERATORE, CA
[72] FU, YUCHENG, CA
[73] 2266170 ONTARIO INC., CA
[86] (3094348)
[87] (3094348)
[22] 2019-04-23
[62] 3,091,709
[30] US (62/661,471) 2018-04-23
[30] US (62/661,464) 2018-04-23

[11] **3,098,632**
[13] C
[51] **Int.Cl. B21F 1/00 (2006.01) E04B 9/18 (2006.01)**
[25] EN
[54] **DROPPED CEILING HANGER WIRE BENDING DEVICE**
[54] **DISPOSITIF DE PLIAGE DE FIL DE SUSPENSION DE PLAFOND SUSPENDU**
[72] CHAMPAGNE, FRANKY, CA
[73] GESTION T.F.C. INC., CA
[85] 2020-10-28
[86] 2020-03-09 (PCT/CA2020/050314)
[87] (WO2020/181369)
[30] GB (1903398.4) 2019-03-12

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[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/08 (2012.01) G06Q 50/02 (2012.01)**
[25] EN
[54] **ANALYSIS AND PRESENTATION OF AGRICULTURAL DATA**
[54] **ANALYSE ET PRESENTATION DE DONNEES AGRICOLES**
[72] BONES, TAVIS, US
[72] STUBER, JAKOB, US
[72] PLATTNER, KYLE, US
[72] MERRYMAN, JOSHUA, US
[72] LISKER, ORIANA, US
[72] SAUDER, DOUG, US
[72] BARRON, CHRISTOPHER H., US
[73] THE CLIMATE CORPORATION, US
[85] 2020-11-05
[86] 2019-05-08 (PCT/US2019/031340)
[87] (WO2019/217568)
[30] US (15/976,574) 2018-05-10

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[11] **3,099,553**
[13] C
[51] **Int.Cl. G07C 9/00 (2020.01)**
[25] EN
[54] **ELECTRONIC LOCKBOX WITH INTERFACE TO OTHER ELECTRONIC LOCKS**
[54] **BOITE DE VERROUILLAGE ELECTRONIQUE DOTEE D'UNE INTERFACE AVEC D'AUTRES VERROUS ELECTRONIQUES**
[72] FISHER, SCOTT R., US
[73] SENTRILOCK, LLC, US
[85] 2020-11-04
[86] 2019-05-30 (PCT/US2019/034539)
[87] (WO2019/232141)
[30] US (62/679,132) 2018-06-01
[30] US (16/424,880) 2019-05-29

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[11] **3,101,374**
[13] C
[51] **Int.Cl. A24F 47/00 (2020.01)**
[25] EN
[54] **SMOKING DEVICE CAPABLE OF AUTOMATICALLY EJECTING CIGARETTE AND PERFORMING AUTOMATIC HEATING AND A METHOD FOR USING THE SAME**
[54] **DISPOSITIF A FUMER CAPABLE DE FAIRE APPARAITRE AUTOMATIQUEMENT UNE CIGARETTE ET DE REALISER UN CHAUFFAGE AUTOMATIQUE, ET SON PROCEDE D'UTILISATION**
[72] WANG, RU, CN
[72] HAN, JINGMEI, CN
[72] SHANG, SHANZHAI, CN
[72] LEI, PING, CN
[72] ZHENG, XUDONG, CN
[72] WANG, CHENGYA, CN
[72] LI, ZHIQIANG, CN
[72] TANG, JIANGUO, CN
[72] WU, JUN, CN
[72] GONG, WEIMIN, CN
[73] CHINA TOBACCO YUNNAN INDUSTRIAL CO., LTD, CN
[85] 2020-11-24
[86] 2019-08-08 (PCT/CN2019/099829)
[87] (WO2020/119153)
[30] CN (201811506228.2) 2018-12-10

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[11] **3,103,720**
[13] C
[51] **Int.Cl. B65D 19/32 (2006.01)**
[25] EN
[54] **ASSEMBLED PLASTIC PALLET**
[54] **PALETTE EN PLASTIQUE ASSEMBLEE**
[72] ZHANG, HONG, CN
[73] SICHUAN LICHUAN PLASTIC PRODUCTS CO. LTD, CN
[85] 2020-12-14
[86] 2018-10-24 (PCT/CN2018/111702)
[87] (WO2019/237629)
[30] CN (201810610004.X) 2018-06-13
[30] CN (201820916470.6) 2018-06-13
[30] CN (201810609363.3) 2018-06-13
[30] CN (201820916491.8) 2018-06-13
[30] CN (201810609355.9) 2018-06-13
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[11] **3,107,521**
[13] C
[51] **Int.Cl. B62D 55/26 (2006.01) B62D 55/253 (2006.01)**
[25] EN
[54] **DEVICE FOR ATTACHING A CRAWLER TRACK MEMBER OF A CRAWLER TRACK TO A CRAWLER BELT OF THE CRAWLER TRACK**
[54] **DISPOSITIF POUR FIXER UN ELEMENT DE CHENILLE D'UNE CHENILLE SUR UNE CHAINE DE PATINS DE LADITE CHENILLE**
[72] HALL, HANS, DE
[73] HANS HALL GMBH, DE
[85] 2021-01-25
[86] 2019-02-21 (PCT/EP2019/054256)
[87] (WO2020/025173)
[30] DE (20 2018 104 420.6) 2018-07-31

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[51] **Int.Cl. C07C 65/19 (2006.01) A23L 33/105 (2016.01) A61K 31/192 (2006.01) A61K 36/185 (2006.01) B01D 11/02 (2006.01) C07C 51/43 (2006.01) C07C 51/50 (2006.01) C07C 211/10 (2006.01) C07C 211/62 (2006.01) C07C 211/63 (2006.01) C07D 213/74 (2006.01) C07D 295/037 (2006.01) C07D 453/02 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **METHODS FOR EXTRACTION, PROCESSING, AND PURIFICATION OF A SELECTED FAMILY OF TARGET COMPOUNDS FROM CANNABIS**
[54] **PROCEDES D'EXTRACTION, DE TRAITEMENT ET DE PURIFICATION DE FAMILLE SELECTIONNEE DE COMPOSES CIBLES ISSUS DU CANNABIS**
[72] SAIKALEY, AMANDA, CA
[72] DURST, TONY, CA
[72] VAN DER VLUGT, JAY, CA
[73] NECTAR HEALTH SCIENCES INC., CA
[85] 2021-01-07
[86] 2020-06-12 (PCT/CA2020/050824)
[87] (WO2020/248076)
[30] US (62/860,382) 2019-06-12
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[13] A1
[51] **Int.Cl. B62D 21/20 (2006.01) B60P 3/00 (2006.01) B62D 21/02 (2006.01) B62D 25/20 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **PIN JOINT TRAILER SHIM SYSTEM**
[54] **SYSTEME DE CALE DE REMORQUE ARTICULE**
[72] HWANG, HYUNJIN, CA
[72] BURKE, BRETT, CA
[72] STRELIC, RAYMOND, CA
[71] BRANDT INDUSTRIES INC., CA
[22] 2019-12-13
[41] 2021-06-13

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[21] **3,065,074**
[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A23L 29/10 (2016.01) A23L 33/10 (2016.01) A23L 33/105 (2016.01) A23D 7/005 (2006.01) A61K 9/107 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61K 47/24 (2006.01)**
[25] EN
[54] **PRODUCING WATER SOLUBLE NANO-EMULSION PARTICLES CONTAINING CANNABIS/ CANNABINOID OIL OR CANNABIS CONCENTRATE USING ULTRASONIC PROCESSING TECHNOLOGY AND ITS USE THEREOF IN THE BEVERAGE, EDIBLE POWDER AND MULTIPURPOSE CREAM**
[54] **PRODUCTION DE PARTICULES DE NANOEMULSION HYDROSOLUBLES CONTENANT DU CANNABIS/DE L`HUILE DE CANNABINOIDE OU DU CONCENTRE DE CANNABIS AU MOYEN D`UNE TECHNOLOGIE DE TRAITEMENT PAR ULTRASONS ET UTILISATIONS CONNEXES DANS UN BREUVAGE, UNE POUDRE COMESTIBLE ET UNE CREME POLYVALENTE**
[72] UNKNOWN, CA
[71] NASERPOUR FARIVAR, TAGHI, CA
[22] 2019-12-13
[41] 2021-06-13

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[21] **3,065,198**
[13] A1
[51] **Int.Cl. A45F 3/02 (2006.01) A45C 1/04 (2006.01) B60R 22/00 (2006.01)**
[25] EN
[54] **SEATBELT BAG**
[54] **SAC DE CEINTURE DE SECURITE**
[72] CHAN, CALVIN KA WAI, CA
[71] CHAN, CALVIN KA WAI, CA
[22] 2019-12-15
[41] 2021-06-15

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[21] **3,065,199**
[13] A1
[51] **Int.Cl. H01Q 15/20 (2006.01) F24S 23/70 (2018.01)**
[25] FR
[54] **METHOD APPLICABLE TO THE MANUFACTURE OF A CONCENTRATOR (DOME) THE CONCAVITY OF WHICH IS IMPOSED ON A FLEXIBLE MEMBRANE BY NEGATIVE INDUCED PRESSURE INSIDE A PARTITIONED STRUCTURE.**
[54] **PROCEDE APPLIQUABLE A LA FABRICATION DE CONCENTRATEUR (COUPOLE) DONT LA CONCAVITE EST IMPOSEE SUR UNE MEMBRANE FLEXIBLE PAR LA PRESSION NEGATIVE INDUITE A L'INTERIEUR D'UNE STRUCTURE CLOISONNEE.**
[72] BELANGER, DANIEL, CA
[71] BELANGER, DANIEL, CA
[22] 2019-12-13
[41] 2021-06-13

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[21] **3,065,203**
[13] A1
[51] **Int.Cl. G09F 9/00 (2006.01) F16M 3/00 (2006.01) F16M 11/20 (2006.01) G09F 21/04 (2006.01) H04N 5/222 (2006.01) H04N 5/655 (2006.01)**
[25] EN
[54] **POPUP VIDEO DISPLAY SYSTEM**
[54] **SYSTEME DE VISUALISATION VIDEO CONTEXTUEL**
[72] NEIMAN, YAKOV (JAKE), CA
[72] GIRGIS, MICHAEL, CA
[72] MELAMED, DMITRI, CA
[72] WISMER, JEFF, CA
[72] GRIMALDI, DIEGO, CA
[72] SALLOUM, MAZEN, CA
[72] MARTIN, EMMETT, CA
[72] SMITH, ADAM, CA
[71] BIG DIGITAL CORP., CA
[22] 2019-12-16
[41] 2021-06-16

[21] **3,065,216**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A63B 22/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR PHYSICAL CONDITIONING AND SPORTS TRAINING**
[54] **SYSTEME POUR CONDITIONNEMENT PHYSIQUE ET FORMATION SPORTIVE**
[72] THERIAULT, JONATHAN, CA
[72] BRUN, PAUL, CA
[71] HOCKEYSHOT INC., CA
[22] 2019-12-16
[41] 2021-06-16

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[21] **3,065,285**
[13] A1
[51] **Int.Cl. H04N 5/64 (2006.01) H04N 21/414 (2011.01) H04N 21/482 (2011.01) G09F 21/00 (2006.01) H02S 10/40 (2014.01)**
[25] EN
[54] **CONTAINER-BASED VIDEO WALL DISPLAY SYSTEM**
[54] **SYSTEME DE VISUALISATION MURAL PAR CONTENEUR**
[72] NEIMAN, YAKOV (JAKE), CA
[72] MICHAEL GIRGIS, CA
[72] MELAMED, DMITRI, CA
[72] WISMER, JEFF, CA
[72] GRIMALDI, DIEGO, CA
[72] SALLOUM, MAZEN, CA
[72] MARTIN, EMMETT, CA
[72] SMITH, ADAM, CA
[71] BIG DIGITAL CORP., CA
[22] 2019-12-16
[41] 2021-06-16

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[21] **3,065,347**
[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06Q 40/02 (2012.01) G06N 20/00 (2019.01) G06F 16/90 (2019.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TAGGING DATA**
[54] **SYSTEME ET METHODE POUR MARQUER LES DONNEES**
[72] D'AGOSTINO, DINO PAUL, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-12-17
[41] 2021-06-17

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[21] **3,065,353**
[13] A1
[51] **Int.Cl. F23J 15/06 (2006.01) F23G 7/08 (2006.01) F23J 13/02 (2006.01) F23L 9/04 (2006.01) F23L 11/02 (2006.01)**
[25] EN
[54] **AIR SHIELD FOR COMBUSTOR FIRETUBE STACK**
[54] **DEFLECTEUR AERODYNAMIQUE POUR PILE DE TUBE DE FUMEE DE CHAMBRE DE COMBUSTION**
[72] ALDRICH, CHRIS, CA
[71] BLACK GOLD RUSH INDUSTRIES LTD., CA
[22] 2019-12-17
[41] 2021-06-17

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[21] **3,065,412**
[13] A1
[51] **Int.Cl. B63C 3/02 (2006.01)**
[25] EN
[54] **BEACH DOCK**
[54] **QUAI DE PLAGE**
[72] DYBDAL, NORMAN, CA
[71] DYBDAL, NORMAN, CA
[22] 2019-12-14
[41] 2021-06-14

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[21] **3,065,456**
[13] A1
[51] **Int.Cl. E02D 5/56 (2006.01) E02D 3/12 (2006.01) E02D 5/24 (2006.01) E02D 7/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SUPPORTING A STRUCTURE UPON COMPRESSIBLE SOIL**
[54] **SYSTEMES ET METHODES POUR APPUYER UNE STRUCTURE SUR UN SOL COMPRESSIBLE**
[72] HINDBO, BRANDON JENS, CA
[71] CYNTECH ANCHORS LTD., CA
[22] 2019-12-18
[41] 2021-06-18

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[21] **3,065,463**
[13] A1
[51] **Int.Cl. H04L 9/30 (2006.01) G06F 16/27 (2019.01) H04L 9/08 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SECURE DISTRIBUTION OF DIGITAL ASSETS WITHIN A COMPUTING ENVIRONMENT USING PERMISSIONED DISTRIBUTED LEDGERS**
[54] **DISTRIBUTION SECURISEE DE BIENS NUMERIQUES DANS UNE CONFIGURATION MATERIELLE AU MOYEN DE REGISTRES DISTRIBUES AVEC PERMISSION**
[72] SHPUROV, ALEXEY, CA
[72] ROTHENSTEIN, ALBERT LOUIS, CA
[72] MA, ADRIAN CHUNG-HEY, CA
[72] RIZVI, BUTURAB, CA
[72] TSOURKIS, ALEXANDRA, CA
[72] GUTTRIDGE, FRANCIS JAMES ALEXANDER, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-12-17
[41] 2021-06-16
[30] US (16/715,189) 2019-12-16

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[21] **3,065,470**
[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01) E02F 3/815 (2006.01)**
[25] EN
[54] **SNOW PLOW EXTENSION SLIDE**
[54] **LAME DE PROLONGEMENT DE CHASSE-NEIGE**
[72] COTE, ETIENNE, CA
[72] COTE, ALEXANDRE, CA
[71] 9091-4532 QUEBEC INC., CA
[22] 2019-12-18
[41] 2021-06-18

[21] **3,065,477**
[13] A1
[51] **Int.Cl. G06F 16/90 (2019.01) G06Q 20/10 (2012.01) G06Q 20/40 (2012.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONFIGURATING DATA TRANSFERS**
[54] **SYSTEMES ET PROCEDES POUR CONFIGURER LES TRANSFERTS DE DONNEES**
[72] HERCULES, LAIRD JEROME, CA
[72] ALMANZA AHUMADA, JONATHAN D., CA
[72] HEIGHINGTON, KATHERINE INA, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-12-18
[41] 2021-06-18

[21] **3,065,479**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06Q 30/02 (2012.01) H04L 9/14 (2006.01) H04L 9/30 (2006.01)**
[25] EN
[54] **SECURE MANAGEMENT OF TRANSFERS OF DIGITAL ASSETS BETWEEN COMPUTING DEVICES USING PERMISSIONED DISTRIBUTED LEDGERS**
[54] **GESTION SECURISEE DES TRANSFERTS DES BIENS NUMERIQUES ENTRE LES APPAREILS INFORMATIQUES AU MOYEN DE REGISTRES DISTRIBUES AVEC PERMISSION**
[72] SHPUROV, ALEXEY, CA
[72] ROTHENSTEIN, ALBERT LOUIS, CA
[72] MA, ADRIAN CHUNG-HEY, CA
[72] RIZVI, BUTURAB, CA
[72] TSOURKIS, ALEXANDRA, CA
[72] GUTTRIDGE, FRANCIS JAMES ALEXANDER, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-12-17
[41] 2021-06-16
[30] US (16/715,076) 2019-12-16

[21] **3,065,484**
[13] A1
[51] **Int.Cl. H04L 9/30 (2006.01) G06F 16/27 (2019.01) H04L 9/08 (2006.01) H04L 9/32 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SECURE MANAGEMENT AND REGENERATION OF CRYPTOGRAPHIC KEYS WITHIN A COMPUTING ENVIRONMENT USING PERMISSIONED DISTRIBUTED LEDGERS**
[54] **GESTION SECURISEE ET REGENERATION DES CLES DE CHIFFREMENT DANS UNE CONFIGURATION MATERIELLE AU MOYEN DE REGISTRES DISTRIBUES AVEC PERMISSION**
[72] SHPUROV, ALEXEY, CA
[72] ROTHENSTEIN, ALBERT LOUIS, CA
[72] MA, ADRIAN CHUNG-HEY, CA
[72] RIZVI, BUTURAB, CA
[72] TSOURKIS, ALEXANDRA, CA
[72] GUTTRIDGE, FRANCIS JAMES ALEXANDER, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-12-17
[41] 2021-06-16
[30] US (16/715,156) 2019-12-16

[21] **3,065,485**
[13] A1
[51] **Int.Cl. H04L 9/30 (2006.01) G06F 16/27 (2019.01) H04L 9/08 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SECURE DISTRIBUTION AND MANAGEMENT OF CRYPTOGRAPHIC KEYS WITHIN A COMPUTING ENVIRONMENT USING DISTRIBUTED LEDGERS**
[54] **DISTRIBUTION ET GESTION SECURISEES DES CLES DE CHIFFREMENT DANS UNE CONFIGURATION MATERIELLE AU MOYEN DE REGISTRES DISTRIBUES**
[72] SHPUROV, ALEXEY, CA
[72] ROTHENSTEIN, ALBERT LOUIS, CA
[72] MA, ADRIAN CHUNG-HEY, CA
[72] RIZVI, BUTURAB, CA
[72] TSOURKIS, ALEXANDRA, CA
[72] GUTTRIDGE, FRANCIS JAMES ALEXANDER, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-12-17
[41] 2021-06-16
[30] US (16/715,061) 2019-12-16

[21] **3,065,603**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/50 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **OVARIAN CANCER BIOMARKER AND METHODS OF USING SAME**
[54] **BIOMARQUEUR DU CANCER DES OVAIRES ET SES PROCEDES D`UTILISATION**
[72] AKBARI, MOHAMMAD R., CA
[71] WOMEN'S COLLEGE HOSPITAL, CA
[22] 2019-12-17
[41] 2021-06-17

[21] **3,065,616**
[13] A1
[51] **Int.Cl. A41D 13/11 (2006.01) A42B 3/18 (2006.01) A61F 9/04 (2006.01)**
[25] EN
[54] **FACE SHIELDS**
[54] **ECRANS FACIAUX**
[72] GOLDBERG, MITCHELL K., CA
[71] BATRIK MEDICAL MANUFACTURING INC., CA
[22] 2019-12-19
[41] 2021-06-19

[21] **3,065,619**
[13] A1
[51] **Int.Cl. G01B 3/56 (2006.01) G01B 3/04 (2006.01) G01C 9/24 (2006.01)**
[25] EN
[54] **MAGNETIC PIPE SQUARE LEVEL**
[54] **NIVEAU EQUERRE DU TUYAU MAGNETIQUE**
[72] RIOPEL, LEON R., CA
[71] RIOPEL, LEON R., CA
[22] 2019-12-19
[41] 2021-06-19
[30] US (16/720,524) 2019-12-19

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[21] **3,065,662**
[13] A1
[51] **Int.Cl. A47B 61/04 (2006.01) A47B 81/00 (2006.01)**
[25] EN
[54] **SHOE ORGANIZER**
[54] **ORGANISATEUR DE SOULIERS**
[72] OTABIL, ERNEST, CA
[71] OTABIL, ERNEST, CA
[22] 2019-12-19
[41] 2021-06-17
[30] US (17/716,748) 2019-12-17

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[21] **3,065,697**
[13] A1
[51] **Int.Cl. A46B 9/02 (2006.01) A46B 5/00 (2006.01) A47J 37/07 (2006.01) A47L 17/06 (2006.01) A47L 25/00 (2006.01)**
[25] EN
[54] **GRILL CLEANER**
[54] **PRODUIT DE NETTOYAGE DE GRILLE**
[72] WEBB, KIEL, CA
[71] WEBB, KIEL, CA
[22] 2019-12-19
[41] 2021-06-19

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[21] **3,065,698**
[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01) A47J 37/06 (2006.01) F24C 3/08 (2006.01)**
[25] EN
[54] **GRILL DIVIDER AND GRILL SYSTEM**
[54] **DIVISEUR DE GRILLE ET SYSTEME DE GRILLE**
[72] WITZEL, TERRY, CA
[72] WITZEL, THEODORE, CA
[72] KIRVAN, COLIN, CA
[72] WEBB, KIEL, CA
[71] WITZEL, TERRY, CA
[71] WITZEL, THEODORE, CA
[71] KIRVAN, COLIN, CA
[71] WEBB, KIEL, CA
[22] 2019-12-19
[41] 2021-06-19

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[21] **3,065,708**
[13] A1
[51] **Int.Cl. E04F 21/16 (2006.01) E04F 21/24 (2006.01)**
[25] EN
[54] **VIBRATING FLOAT TOOL**
[54] **OUTIL FLOTTEUR VIBRANT**
[72] LIGHTFOOT, JOHN W., CA
[71] LIGHTFOOT, JOHN W., CA
[22] 2019-12-20
[41] 2021-06-19
[30] US (16/720,450) 2019-12-19

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[21] **3,069,062**
[13] A1
[51] **Int.Cl. F23D 14/58 (2006.01) A41G 1/00 (2006.01) B44F 9/02 (2006.01) F23D 14/10 (2006.01) F24C 3/08 (2006.01)**
[25] EN
[54] **ARTIFICIAL LOG ASSEMBLY**
[54] **REGISTRE ARTIFICIEL**
[72] FLAHERTY, VONI D., US
[72] FLAHERTY, TIMOTHY S., US
[72] O'CONNOR, KEVIN F., US
[72] ALLONS, TIMOTHY, US
[72] GRAY, COLIN J., US
[71] WARMING TRENDS, LLC, US
[22] 2020-01-21
[41] 2021-06-18
[30] US (16/719,446) 2019-12-18

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[21] **3,071,342**
[13] A1
[51] **Int.Cl. G01B 21/06 (2006.01) B29C 48/10 (2019.01) B29C 48/92 (2019.01) G01B 21/12 (2006.01) G01B 21/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CALIBRATION OF BLOWN-FILM EXTRUSION APPARATUS**
[54] **METHODE ET APPAREIL POUR L`ETALONNAGE D`UN APPAREIL D`EXTRUSION DE FILMS SOUFFLES**
[72] JOSEPH, DANIEL R., US
[71] JOSEPH, DANIEL R., US
[22] 2020-02-05
[41] 2021-06-16
[30] US (16/715,152) 2019-12-16

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[21] **3,075,353**
[13] A1
[51] **Int.Cl. F16M 13/02 (2006.01) A45F 5/00 (2006.01) B60R 11/00 (2006.01) B60R 11/02 (2006.01)**
[25] EN
[54] **VENT MOUNT WITH FRAGRANCE CARTRIDGE HOLDER**
[54] **BOUCHE D`AIR AVEC PORTE-CARTOUCHE DE FRAGRANCE**
[72] ALVES, KASIDY, US
[72] YAMAMOTO, YASUNIRO, US
[71] SCOSCHE INDUSTRIES, INC., US
[22] 2020-03-12
[41] 2021-06-17
[30] US (16/717,244) 2019-12-17

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[21] **3,077,527**
[13] A1
[51] **Int.Cl. B27D 5/00 (2006.01)**
[25] EN
[54] **VENEER CUTTING AND SORTING APPARATUS**
[54] **APPAREIL DE TRI ET DE COUPE DE PLACAGE**
[72] TODA, KENRO, JP
[71] MEINAN MACHINERY WORKS, INC., JP
[22] 2020-03-31
[41] 2021-06-16
[30] JP (2019-226327) 2019-12-16

[21] **3,078,106**
[13] A1
[51] **Int.Cl. G06F 40/20 (2020.01) G06F 16/90 (2019.01) H04M 3/523 (2006.01)**
[25] EN
[54] **ELECTRONIC COMMUNICATION SYSTEM FOR PROVIDING EXPERT INFORMATION AND METHOD OF USING SAME**
[54] **SYSTEME DE COMMUNICATION ELECTRONIQUE POUR FOURNIR DE L`INFORMATION D`EXPERT ET SON PROCEDE D`UTILISATION**
[72] BRAGANZA, JONATHAN, CA
[72] GHANTOUS, JUSTIN, CA
[72] LEE, KEVIN, CA
[71] MITEL NETWORKS CORPORATION, CA
[22] 2020-04-30
[41] 2021-06-18
[30] US (16/719787) 2019-12-18

[21] **3,084,177**
[13] A1
[51] **Int.Cl. E04D 3/36 (2006.01)**
[25] EN
[54] **DECK PANEL AND FASTENING SYSTEM**
[54] **PANNEAU DE PONT ET SYSTEME DE FIXATION**
[72] NG, BRIAN, US
[71] PRE-INSULATED METAL TECHNOLOGIES, INC., US
[22] 2020-06-17
[41] 2021-06-17
[30] US (16/717,197) 2019-12-17

[21] **3,085,886**
[13] A1
[51] **Int.Cl. B60R 3/02 (2006.01) B62D 25/22 (2006.01)**
[25] EN
[54] **EXTENDABLE/RETRACTABLE STEP ASSEMBLY FOR A REAR ASSEMBLY OF A FLATBED TRAILER**
[54] **ENSEMBLE POUR MARCHE EXTENSIBLE/ESCAMOTABLE POUR L`ARRIERE D`UNE REMORQUE-PLATEAU**
[72] REITNOUER, MILES A., US
[71] REITNOUER, MILES A., US
[22] 2020-07-06
[41] 2021-06-17
[30] US (16/717,521) 2019-12-17

[21] **3,088,254**
[13] A1
[51] **Int.Cl. H04W 28/02 (2009.01) H04W 36/00 (2009.01) H04W 48/16 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HANDOVER MANAGEMENT IN MOBILE NETWORKS**
[54] **SYSTEME ET PROCEDE POUR TRANSFERER LA GESTION DANS LES RESEAUX MOBILES**
[72] SRIDHAR, KAMAKSHI, US
[72] GUNNARSSON, LARS ANTON, TH
[72] HAVANG, ALEXANDER, CA
[71] SANDVINE CORPORATION, CA
[22] 2020-07-28
[41] 2021-06-19
[30] US (62/950,165) 2019-12-19

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[13] A1
[51] **Int.Cl. H04W 28/24 (2009.01) H04W 24/10 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTENT BASED NETWORK SLICE ASSIGNMENT**
[54] **SYSTEME ET PROCEDE POUR LA SELECTION DE TRANCHES DU RESEAU AXEE SUR L`INTENTION**
[72] SRIDHAR, KAMAKSHI, US
[72] ST. PIERRE, NICK, CA
[72] HAVANG, ALEXANDER, CA
[71] SANDVINE CORPORATION, CA
[22] 2020-07-28
[41] 2021-06-19
[30] US (62/950,572) 2019-12-19

[21] **3,089,499**
[13] A1
[51] **Int.Cl. E05B 45/00 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE**
[72] HALL, BENJAMIN, GB
[71] KINGSWAY ENTERPRISES (UK) LIMITED, GB
[22] 2020-08-10
[41] 2021-06-19
[30] GB (1918884.6) 2019-12-19

[21] **3,089,854**
[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06Q 30/06 (2012.01) G06T 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RECOMMENDING 2D IMAGES**
[54] **SYSTEMES ET PROCEDES POUR RECOMMANDER DES IMAGES 2D**
[72] WADE, JONATHAN, CA
[72] HAAPOJA, JUHO MIKKO, CA
[71] SHOPIFY INC., CA
[22] 2020-08-12
[41] 2021-06-13
[30] US (16/714,301) 2019-12-13
[30] EP (20188513.4) 2020-07-30

[21] **3,090,105**
[13] A1
[51] **Int.Cl. G01N 33/24 (2006.01) E02D 1/00 (2006.01) E02D 31/02 (2006.01) E02D 31/14 (2006.01) G01N 33/42 (2006.01)**
[25] EN
[54] **MULTI-LOAD-MODE FROST HEAVE TESTER FOR UNSATURATED SOIL AND METHOD FOR_TESTING AMOUNT OF FROST HEAVE**
[54] **TESTEUR DE GONFLEMENT PAR LE GEL AVEC MODE DE PLUSIEURS CHARGES POUR SOL NON SATURE ET PROCEDE POUR TESTER L`AMPLEUR DU GONFLEMENT PAR GEL**
[72] TENG, JIDONG, CN
[72] LIU, JIANLONG, CN
[72] ZHANG, SHENG, CN
[72] SHENG, DAICHAO, CN
[71] CENTRAL SOUTH UNIVERSITY, CN
[22] 2020-08-14
[41] 2021-06-16
[30] CN (201911293622.7) 2019-12-16

[21] **3,091,068**
[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01) G06T 7/00 (2017.01) H04N 5/28 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DISPLAYING A VISUAL AID**
[54] **PROCEDES ET SYSTEMES POUR AFFICHER UNE AIDE VISUELLE**
[72] IONITA, MIRCEA, IE
[71] DAON HOLDINGS LIMITED, KY
[22] 2020-08-25
[41] 2021-06-17
[30] US (16/716,958) 2019-12-17

[21] **3,092,850**
[13] A1
[51] **Int.Cl. H01R 4/66 (2006.01) B28B 23/00 (2006.01) C04B 18/06 (2006.01) C04B 28/04 (2006.01) C23F 13/06 (2006.01) H01B 1/04 (2006.01)**
[25] EN
[54] **METALLIC STRUCTURE WITH WATER IMPERMEABLE AND ELECTRICALLY CONDUCTIVE CEMENTITIOUS SURROUND**
[54] **STRUCTURE METALLIQUE AVEC ENVELOPPE CIMENTAIRE IMPERMEABLE ET CONDUCTRICE D`ELECTRICITE**
[72] SIROLA, BRIEN TODD, CA
[72] BERNI, CHRISTOPHER PAUL, CA
[72] SIROLA, DONALD BRIEN, CA
[72] HUGHES, CAITLIN EMMA MORRISSEY, CA
[71] SHORE ACRES ENTERPRISES INC., CA
[22] 2020-04-01
[41] 2021-06-18
[30] US (62/949,489) 2019-12-18

[21] **3,093,154**
[13] A1
[51] **Int.Cl. B29B 17/02 (2006.01) C08J 11/12 (2006.01) F27B 17/00 (2006.01)**
[25] EN
[54] **HEATING APPARATUS AND ANTI-IGNITION RE-USABLE BLADDER**
[54] **APPAREIL CHAUFFANT ET POCHE REUTILISABLE ANTI-DEMARRAGE**
[72] BEAUMONT, DARCY LEIGH, CA
[71] BEAUMONT, DARCY LEIGH, CA
[22] 2020-09-15
[41] 2021-06-14
[30] CA (3065289) 2019-12-14

[21] **3,096,224**
[13] A1
[51] **Int.Cl. H01F 7/16 (2006.01) H01F 7/126 (2006.01)**
[25] EN
[54] **ELECTROMECHANICAL ACTUATOR ASSEMBLY**
[54] **MECANISME DE COMMANDE ELECTROMECANIQUE**
[72] MEZZINO, GIACOMO, IT
[71] MICROTECNICA S.R.L., IT
[22] 2020-10-16
[41] 2021-06-19
[30] EP (19218318.4) 2019-12-19

[21] **3,096,262**
[13] A1
[51] **Int.Cl. G01S 1/00 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **DECODING POSITION INFORMATION**
[54] **DECODAGE DE L`INFORMATION SUR LA POSITION**
[72] DOLAN, JOHN, US
[72] GARCIA, MICHAEL A., US
[71] AIREON LLC, US
[22] 2020-10-19
[41] 2021-06-17
[30] US (16/717,289) 2019-12-17

[21] **3,096,559**
[13] A1
[51] **Int.Cl. B21D 37/12 (2006.01)**
[25] EN
[54] **DIE STACKER**
[54] **EMPILEUR DE MATRICES**
[72] GILL, DENNIS G,, US
[72] CARVER, PAUL A., US
[71] EXPRESS PRODUCTS, INC., US
[22] 2020-10-20
[41] 2021-06-18
[30] US (16718966) 2019-12-18

[21] **3,096,763**
[13] A1
[51] **Int.Cl. E04B 1/38 (2006.01) A47B 57/50 (2006.01) E04B 2/58 (2006.01) F16B 12/34 (2006.01)**
[25] EN
[54] **END BRACKETS**
[54] **SUPPORTS D`EXTREMITE**
[72] MARSHALL, DALE R., CA
[72] VAN MASTRIGT, JESSE, CA
[72] SMED, CLAYTON, CA
[72] RYU, YOUNG-SUN, CA
[71] FALKBUILT LTD., CA
[22] 2020-10-20
[41] 2021-06-16
[30] US (62/948,524) 2019-12-16

[21] **3,097,154**
[13] A1
[51] **Int.Cl. B60W 40/13 (2012.01) A01B 79/00 (2006.01) B60K 31/00 (2006.01) B60W 30/18 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING THE SPEED OF A WORK VEHICLE TOWING AN IMPLEMENT**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE LA VITESSE D`UN VEHICULE DE TRAVAIL REMORQUANT UN OUTIL**
[72] KOWALCHUK, TREVOR L., CA
[72] RYDER, NICHOLAS GEORGE ALFRED, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2020-10-27
[41] 2021-06-17
[30] US (16/717,669) 2019-12-17

[21] **3,097,395**
[13] A1
[51] **Int.Cl. A01B 15/04 (2006.01) A01B 11/00 (2006.01)**
[25] EN
[54] **SOIL-WORKING DEVICE FOR THE AGRICULTURAL PREPARATION OF EARTH**
[54] **DISPOSITIF DE TRAVAIL DU SOL POUR LA PREPARATION AGRICOLE DE LA TERRE**
[72] BARNTHALER, WALTER, AT
[72] BURBOCK, HANNES, AT
[71] BOEHLERIT GMBH & CO. KG., AT
[22] 2020-10-29
[41] 2021-06-19
[30] AT (A51141/2019) 2019-12-19

[21] **3,097,481**
[13] A1
[51] **Int.Cl. B26D 7/06 (2006.01) A23P 30/00 (2016.01) B26D 7/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CUTTING FOOD TO UNIQUE GEOMETRIC PORTIONS**
[54] **PROCEDE ET APPAREIL POUR COUPER LES ALIMENTS EN FORMES GEOMETRIQUES UNIQUES**
[72] JACKMAN, JAMES, US
[72] BEZANSON, ALLAN, US
[71] HIGH LINER FOODS INCORPORATED, US
[22] 2020-10-30
[41] 2021-06-17
[30] US (62/949,132) 2019-12-17

[21] **3,098,083**
[13] A1
[51] **Int.Cl. B27L 11/00 (2006.01)**
[25] EN
[54] **REFINER PLATE HAVING GROOVES IMPARTING ROTATIONAL FLOW TO FEED MATERIAL**
[54] **PLAQUE DE RAFFINEUR AYANT DES RAINURES CONFERANT LE FLUX PAR ROTATION POUR ALIMENTER LE MATERIAU**
[72] GINGRAS, LUC, GB
[72] BERGER, MARC, CA
[71] ANDRITZ INC., US
[22] 2020-11-03
[41] 2021-06-13
[30] US (62/947,741) 2019-12-13
[30] US (17/081,693) 2020-10-27

[21] **3,098,233**
[13] A1
[51] **Int.Cl. G01P 5/165 (2006.01) B64D 15/12 (2006.01) B64D 43/00 (2006.01)**
[25] EN
[54] **CERAMIC PROBE HEAD FOR AN AIR DATA PROBE**
[54] **TETE DE SONDE EN CERAMIQUE POUR UNE SONDE DE DONNEES AERODYNAMIQUES**
[72] SANDEN, CHRISTOPHER, US
[72] ISEBRAND, SCOTT D., US
[72] SEIDEL, GREG ALLEN, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2020-11-05
[41] 2021-06-13
[30] US (16/714,045) 2019-12-13

[21] **3,098,738**
[13] A1
[51] **Int.Cl. C04B 14/36 (2006.01) B32B 7/025 (2019.01) C04B 28/02 (2006.01) E04B 5/04 (2006.01) E04B 5/48 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONDUCTIVE BINDER FOR MANUFACTURING HEATABLE BUILDING PARTS**
[54] **LIANT CONDUCTEUR POUR FABRIQUER DES PIECES DE BATIMENT CHAUFFABLES**
[72] MOLFETTA, MARCELLO ANTONIO, IT
[72] GOISIS, MARCO, IT
[71] HEIDELBERGCEMENT AG, DE
[22] 2020-11-10
[41] 2021-06-19
[30] EP (19217922.4) 2019-12-19

[21] **3,098,941**
[13] A1
[51] **Int.Cl. H04N 19/44 (2014.01) H04N 19/48 (2014.01) H04N 19/85 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BANDWIDTH REDUCTION IN VIDEO SIGNAL TRANSMISSION**
[54] **SYSTEMES ET PROCEDES POUR REDUIRE LA BANDE PASSANTE DANS LA TRANSMISSION DE SIGNAL VIDEO**
[72] MORRELL, GARN H., US
[72] TUBBS, DAVID AUSTIN, US
[71] ROSS VIDEO LIMITED, CA
[22] 2020-11-11
[41] 2021-06-18
[30] US (16/718593) 2019-12-18

[21] **3,098,957**
[13] A1
[51] **Int.Cl. A47C 3/03 (2006.01) A47C 1/02 (2006.01)**
[25] EN
[54] **SELF-STOPPING MOBILE CHAIR SYSTEM**
[54] **SYSTEME DE FAUTEUIL ROULANT AVEC ARRET AUTOMATIQUE**
[72] WELCH, BRYAN, CA
[72] ST-ONGE, YVON, CA
[72] CHAMBERLAND, NORMAND, CA
[72] BELANGER, MARTIN, CA
[71] LPA MEDICAL INC., CA
[22] 2020-11-11
[41] 2021-06-13
[30] US (62/947,714) 2019-12-13

[21] **3,099,184**
[13] A1
[51] **Int.Cl. E04F 21/02 (2006.01) E04F 19/02 (2006.01) E04F 19/04 (2006.01) E04F 21/06 (2006.01)**
[25] EN
[54] **BEAD STOP FOR A WALL HAVING INTERIOR CEMENT BOARD LAYER**
[54] **BOURRELET D`ARRET POUR UN MUR AYANT UNE COUCHE INTERIEURE DE PANNEAU DE CIMENT**
[72] MAZIARZ, JEFFREY, US
[71] E-Z BEAD, LLC, US
[22] 2020-11-13
[41] 2021-06-13
[30] US (62/947,885) 2019-12-13
[30] US (16/751,006) 2020-01-23

[21] **3,099,347**
[13] A1
[51] **Int.Cl. H02P 9/04 (2006.01) F03D 7/00 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A WIND POWER INSTALLATION**
[54] **PROCEDE POUR CONTROLER UNE CENTRALE D`ENERGIE EOLIENNE**
[72] STRAFIEL. CHRISTIAN, DE
[72] GERTJEGERDES, STEFAN, DE
[72] TREVISAN, ARAMIS SCHWANKA, DE
[72] MACKENSEN, INGO, DE
[71] WOBBEN PROPERTIES GMBH, DE
[22] 2020-11-13
[41] 2021-06-16
[30] DE (102019134458.1) 2019-12-16

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[13] A1
[51] **Int.Cl. B23Q 11/10 (2006.01) B23D 59/02 (2006.01) B23Q 11/08 (2006.01) B24B 55/02 (2006.01) B24B 55/04 (2006.01)**
[25] EN
[54] **COOLING DEVICE FOR DISC CUTTERS**
[54] **DISPOSITIF DE REFROIDISSEMENT POUR SCIES A DISQUE**
[72] QUESADA BARBERO, JUAN ANTONIO, ES
[71] GERMANS BOADA, S.A., ES
[22] 2020-11-12
[41] 2021-06-17
[30] ES (201931113) 2019-12-17

[21] **3,099,653**
[13] A1
[51] **Int.Cl. A01F 15/08 (2006.01) A01D 75/00 (2006.01) A01D 91/00 (2006.01) A01F 15/00 (2006.01) A01D 89/00 (2006.01)**
[25] EN
[54] **PREDICTIVE CROP CHARACTERISTIC MAPPING**
[54] **MAPPAGE PREDICTIF DES CARACTERISTIQUES DE CULTURES**
[72] FRANZEN, DEVIN M., US
[72] ROEPKE, AUSTIN R., US
[72] KRAUS, TIMOTHY J., US
[71] DEERE & COMPANY, US
[22] 2020-11-16
[41] 2021-06-17
[30] US (16/717,266) 2019-12-17

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[13] A1
[51] **Int.Cl. G09G 3/00 (2006.01) G06Q 30/02 (2012.01) G09F 9/30 (2006.01)**
[25] EN
[54] **METHOD AND DIGITAL SIGNAGE SERVER FOR MANAGING PLACEMENT OF A DIGITAL SIGNAGE CONTENT BASED ON METRIC THRESHOLDS**
[54] **PROCEDE ET SERVEUR DE SIGNAL NUMERIQUE POUR GERER LE PLACEMENT D`UN CONTENU DE SIGNAL NUMERIQUE EN FONCTION DES SEUILS METRIQUES**
[72] MONGEAU, BRYAN, CA
[71] BROADSIGN SERV INC., US
[22] 2020-11-19
[41] 2021-06-19
[30] US (16/720,948) 2019-12-19

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[13] A1
[51] **Int.Cl. G06F 21/45 (2013.01) G06F 21/31 (2013.01)**
[25] EN
[54] **PRE-REGISTRATION OF AUTHENTICATION DEVICES**
[54] **PREENREGISTREMENT DES DISPOSITIFS D`AUTHENTIFICATION**
[72] HARRELL, CHRISTOPHER, SE
[72] CHONG, JERROD, SE
[72] EHRENSVARD, JAKOB, SE
[71] YUBICO AB, SE
[22] 2020-11-20
[41] 2021-06-18
[30] US (62/949,728) 2019-12-18
[30] US (16/904,017) 2020-06-17

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[13] A1
[51] **Int.Cl. B61D 33/00 (2006.01) B61D 37/00 (2006.01)**
[25] EN
[54] **RAIL VEHICLE HAVING A PASSENGER AREA EQUIPPED WITH A PERCH SEAT AND TABLE ASSEMBLY**
[54] **VEHICULE FERROVIAIRE AYANT UN COTE PASSAGER MUNI D`UNE TABLE ET D`UN SIEGE PERCHOIR**
[72] GIROUX, ALEXANDRE, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[22] 2020-11-23
[41] 2021-06-19
[30] EP (EP 19020716.7) 2019-12-19

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[13] A1
[51] **Int.Cl. A47K 10/28 (2006.01) A47K 10/46 (2006.01)**
[25] EN
[54] **DISPENSER, RETROFIT KIT FOR A DISPENSER, A METHOD FOR PROVISION OF PORTIONS OF A TISSUE WEB AND A METHOD FOR UPGRADING A DISPENSER**
[54] **DISTRIBUTEUR, LOT DE RATTRAPAGE POUR LE DISTRIBUTEUR, UN PROCEDE POUR LA DISPOSITION DES QUANTITES D`UNE TOILE DE SERVIETTE ET UN PROCEDE POUR AMELIORER UN DISTRIBUTEUR**
[72] RUECKHEIM, MARKUS, DE
[72] ZIMMERMANN, CHRISTOPH, DE
[71] CWS INTERNATIONAL GMBH, DE
[22] 2020-11-25
[41] 2021-06-19
[30] EP (19218314.3) 2019-12-19

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[13] A1
[51] **Int.Cl. B66C 23/58 (2006.01) B66C 23/36 (2006.01) B66F 11/00 (2006.01)**
[25] EN
[54] **OPERATOR VEHICLE WITH ASSISTED CENTRING DEVICE**
[54] **VEHICULE CONDUCTEUR MUNI D`UN DISPOSITIF DE CENTRAGE ASSISTE**
[72] IOTTI, MARCO, IT
[71] MANITOU ITALIA S.R.L., IT
[22] 2020-11-26
[41] 2021-06-16
[30] IT (102019000024153) 2019-12-16

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 11/12 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **DUAL DENSITY ABRADABLE PANELS**
[54] **PANNEAUX A ABRASION DE DENSITE DOUBLE**
[72] URAC, TIBOR, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-11-25
[41] 2021-06-13
[30] US (16/713,493) 2019-12-13

[21] **3,101,063**
[13] A1
[51] **Int.Cl. F02C 9/22 (2006.01) F01D 9/02 (2006.01) F01D 17/16 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPERATING AN ENGINE HAVING VARIABLE GEOMETRY MECHANISMS**
[54] **SYSTEMES ET METHODES DE FONCTIONNEMENT D`UN MOTEUR AYANT DES MECANISMES A GEOMETRIE VARIABLES**
[72] ZHU, PING, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-11-27
[41] 2021-06-13
[30] US (16/713,069) 2019-12-13

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[13] A1
[51] **Int.Cl. C09D 11/52 (2014.01) B82Y 30/00 (2011.01) H05B 3/12 (2006.01)**
[25] EN
[54] **CONDUCTIVE INK WITH ENHANCED MECHANICAL FATIGUE RESISTANCE**
[54] **ENCRE CONDUCTRICE AVEC RESISTANCE A LA FATIGUE MECANIQUE AMELIOREE**
[72] HU, JIN, US
[72] SLANE, CASEY, US
[72] CHING, NATHANIEL, US
[71] GOODRICH CORPORATION, US
[22] 2020-11-27
[41] 2021-06-13
[30] US (16/713,475) 2019-12-13

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[13] A1
[51] **Int.Cl. E01D 19/06 (2006.01)**
[25] EN
[54] **CANTILEVERED EXPANSION FINGER JOINT APPARATUS**
[54] **APPAREIL DE JOINT DE DILATATION EN PORTE-A-FAUX**
[72] DE FLEURIOT DE LA COLINIERE, ERIC, CA
[72] WANG, CASEY XI, CA
[72] BOHLMANN, DUNCAN ROBERT, CA
[71] MARCONMETALFAB INC., CA
[22] 2020-11-30
[41] 2021-06-18
[30] US (62/950,022) 2019-12-18

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[13] A1
[51] **Int.Cl. G08B 17/00 (2006.01) G08C 17/02 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **FIRE PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION INCENDIE**
[72] ARELLANO VALDERRAMA, JULIO, ES
[71] CARRIER CORPORATION, US
[22] 2020-12-01
[41] 2021-06-17
[30] EP (19383127.8) 2019-12-17

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[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06Q 40/02 (2012.01) G06F 16/90 (2019.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING ACCESS TO ACCOUNT TRANSACTION INFORMATION**
[54] **SYSTEME ET PROCEDE POUR CONTROLER L`ACCES AUX RENSEIGNEMENTS SUR LA TRANSACTION LIEE AU COMPTE**
[72] SHAH, SALIK, US
[72] BERMUDEZ, SOPHIE, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2020-12-03
[41] 2021-06-19
[30] US (16/720,494) 2019-12-19

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[13] A1
[51] **Int.Cl. F02C 9/28 (2006.01) F01D 21/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING AND ACCOMODATING A LOSS OF TORQUE ON A GAS TURBINE ENGINE**
[54] **SYSTEME ET PROCEDE POUR DETECTER ET CONCILIER UNE PERTE DE COUPLE DANS UNE TURBINE A GAZ**
[72] LAMARRE, SYLVAIN, CA
[72] CASAVANT, FRANCOIS, CA
[72] THOMPSON, GEORGE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[51] **Int.Cl. B64D 31/00 (2006.01) B64F 5/60 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TESTING ENGINE PERFORMANCE IN-FLIGHT**
[54] **SYSTEME ET PROCEDE POUR METTRE A L`ESSAI LE RENDEMENT D`UN MOTEUR EN VOL**
[72] DROLET, MARTIN, CA
[72] MANOUKIAN, PATRICK, CA
[72] FATY, ZACHARY MOUNIR, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[25] EN
[54] **SYSTEM AND METHOD FOR PROPELLER SPEED GOVERNING**
[54] **SYSTEME ET PROCEDE POUR REGULATEUR DE VITESSE DE ROTATION DE L`HELICE**
[72] MEUNIER, GABRIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-12-03
[41] 2021-06-13
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[51] **Int.Cl. B29C 45/26 (2006.01) B29C 45/17 (2006.01)**
[25] EN
[54] **MULTI-PART CORE INSERT**
[54] **INSERT D`AME MULTIPIECES**
[72] BRINZING, MATTHIAS, DE
[72] GEBAUER, THOMAS, DE
[72] HONISCH, MAREK, DE
[72] WAGNER, CHRISTIAN, DE
[71] MHT MOLD & HOTRUNNER TECHNOLOGY AG, DE
[22] 2020-12-03
[41] 2021-06-13
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[51] **Int.Cl. H02J 50/12 (2016.01) H01F 38/14 (2006.01)**
[25] EN
[54] **WIRELESS POWER TRANSMISSION WITH MODULAR OUTPUT**
[54] **APPAREIL DE TRANSMISSION D`ENERGIE SANS FIL MUNI D`UNE SORTIE MODULAIRE**
[72] SPRINGETT, NIGEL, DE
[71] WIFERION GMBH, DE
[22] 2020-12-03
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[51] **Int.Cl. G01D 5/14 (2006.01) B64C 11/30 (2006.01) B64D 31/00 (2006.01) G01D 5/244 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING AN AXIAL POSITION OF A FEEDBACK DEVICE**
[54] **SYSTEME ET PROCEDE POUR DETERMINER LA POSITION AXIALE D`UN APPAREIL DE RETOUR**
[72] TOMESCU, DANA, CA
[72] JARVO, JAMES, CA
[72] YAKOBOV, ELLA, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-12-04
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[25] EN
[54] **COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION**
[72] KERNWEIN, JEFFREY D., US
[72] BURKE, BRYAN C., US
[72] CRAVEN, STEPHEN H., US
[72] MOORE, JAMES H., US
[72] HALL, WILLIAM C., US
[72] RICE, DANIAL, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2020-12-04
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[51] **Int.Cl. G01D 11/00 (2006.01) B64D 15/12 (2006.01) H05B 1/02 (2006.01) H05B 3/22 (2006.01)**
[25] EN
[54] **STATIC PLATE HEATING ARRANGEMENT**
[54] **DISPOSITION DE CHAUFFAGE DE PLAQUE STATIQUE**
[72] REID, ALEXANDER N., US
[72] HOFFMANN, NATHAN ALLAN, US
[72] KRUEGER, WILLIAM B., US
[72] GILKISON, BRIAN ALAN, US
[72] JOHNSON, ROBERT J., US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2020-12-04
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[51] **Int.Cl. B60K 17/04 (2006.01) B60K 1/00 (2006.01)**
[25] EN
[54] **MOTOR DRIVE ASSEMBLY FOR A DUAL PATH ELECTRIC POWERTRAIN OF A MACHINE**
[54] **ENSEMBLE D`ENTRAINEMENT DE MOTEUR POUR UN GROUPE MOTOPROPULSEUR ELECTRIQUE A DEUX VOIES D`UNE MACHINE**
[72] COWPER, LANCE, US
[72] TIGUE, JOSEPH D., US
[72] BELL, DANIEL D., US
[72] BETZ, MICHAEL D., US
[72] GARNETT, STEPHEN C., US
[71] CATERPILLAR INC., US
[22] 2020-12-07
[41] 2021-06-16
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[51] **Int.Cl. H02K 5/22 (2006.01) F16N 1/00 (2006.01) F16N 21/00 (2006.01)**
[25] EN
[54] **LUBRICATION SYSTEM FOR AN ELECTRIC MOTOR**
[54] **CIRCUIT DE LUBRIFICATION POUR UN MOTEUR ELECTRIQUE**
[72] SCHWOERER, BRANDON, US
[72] COWPER, LANCE, US
[72] KRAGER, JUSTIN, US
[72] HICKE, JOSHUA, US
[72] SMITH, MARK, US
[71] CATERPILLAR INC., US
[22] 2020-12-07
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[51] **Int.Cl. B60K 1/00 (2006.01)**
[25] EN
[54] **MODULAR DRIVE SYSTEM FOR A MACHINE**
[54] **SYSTEME D`ENTRAINEMENT MODULAIRE POUR UNE MACHINE**
[72] STOECKER, RANDY, US
[72] SIERER, LANCE, US
[72] HICKE, JOSHUA, US
[71] CATERPILLAR INC., US
[22] 2020-12-07
[41] 2021-06-16
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[51] **Int.Cl. G08G 1/017 (2006.01) B60R 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING VEHICLES USING WIRELESS DEVICE IDENTIFIERS**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER LES VEHICULES AU MOYEN D`IDENTIFICATEURS DE DISPOSITIF SANS FIL**
[72] NEFF, GARETT, US
[72] RUGGERO, JOSEPH, US
[72] DUBOIS, SCOTT, US
[72] NELSON, ANDERS, US
[72] NAUDET, GEOFFREY GAETAN, US
[72] ROZANSKI, PABLO, US
[72] RAMONDOU, AURELIEN, US
[72] KESLER, MORGAN, US
[72] KUDAS, MARK, US
[72] TANG, CHIEN HSIANG, US
[71] PARK ASSIST LLC, US
[22] 2020-12-07
[41] 2021-06-19
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[13] A1
[51] **Int.Cl. D03D 15/283 (2021.01) D03D 15/37 (2021.01) D03D 15/54 (2021.01)**
[25] EN
[54] **WOVEN FABRIC**
[54] **TISSU TISSE**
[72] SONG, GUO QIANG, CN
[71] DONGGUAN SHICHANG METALS FACTORY LTD., CN
[22] 2020-12-08
[41] 2021-06-17
[30] US (16/804,405) 2020-02-28
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[51] **Int.Cl. B66F 5/04 (2006.01) B66F 3/25 (2006.01)**
[25] EN
[54] **FLOOR JACK LIFT ARM**
[54] **BRAS DE LEVAGE DE CRIC**
[72] EGGERT, DANIEL M., US
[72] THOMPSON, CHRISTOPHER D., US
[72] ANDERSEN, JONATHAN I., US
[71] SNAP-ON INCORPORATED, US
[22] 2020-12-08
[41] 2021-06-19
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[13] A1
[51] **Int.Cl. G06N 10/00 (2019.01)**
[25] EN
[54] **QUANTUM COMPUTER PHASE TRACKING AND CORRECTION**
[54] **SURVEILLANCE ET CORRECTION DE LA PHASE D`ORDINATEUR QUANTIQUE**
[72] WALKER, JAMES A., US
[72] LUCCHETTI, DOMINIC, US
[72] BJORK, BRYCE J., US
[72] FIGGATT, CAROLINE, US
[72] LEE, PATRICIA, US
[72] CHAMBERS, GERALD, US
[72] ARKIN, BENJAMIN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2020-12-08
[41] 2021-06-17
[30] US (16/716973) 2019-12-17

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[51] **Int.Cl. B22F 10/85 (2021.01) B33Y 30/00 (2015.01) B33Y 50/02 (2015.01) B29C 64/153 (2017.01) B29C 64/393 (2017.01) B22F 12/90 (2021.01) G01N 27/90 (2021.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING AND REGULATING MICROSTUCTURE ONLINE WITH ELECTROMAGNETIC ASSISTANCE**
[54] **SYSTEME ET METHODE POUR DETERMINER ET REGLEMENTER LA MICROSTRUCTURE EN LIGNE AVEC UNE AIDE ELECTROMAGNETIQUE**
[72] ZHANG, HAI'OU, CN
[72] ZHAO, XUSHAN, CN
[72] WANG, GUILAN, CN
[72] LI, RUNSHENG, CN
[72] CHEN, YAO, CN
[71] HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
[22] 2020-12-08
[41] 2021-06-19
[30] CN (201911314260.5) 2019-12-19

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[51] **Int.Cl. H01J 49/20 (2006.01) G06N 10/00 (2019.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS, AND METHODS FOR ION TRAPS**
[54] **APPAREILS, SYSTEMES ET PROCEDES DE PIEGES A IONS**
[72] MAKOTYN, PHILIP, US
[72] HAYES, DAVID, US
[72] STUTZ, RUSSELL, US
[72] LEE, PATRICIA, US
[72] GAEBLER, JOHN, US
[72] LANGER, CHRISTOPHER, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2020-12-08
[41] 2021-06-17
[30] US (16/717602) 2019-12-17

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[13] A1
[51] **Int.Cl. E02F 9/20 (2006.01) B60W 50/00 (2006.01)**
[25] EN
[54] **CONTROL OF AN ENGINE FOR A MACHINE WITH A DUAL PATH POWERTRAIN**
[54] **COMMANDE D`UN MOTEUR POUR UNE MACHINE AVEC UN GROUPE MOTOPROPULSEUR A DOUBLE VOIE**
[72] KURAS, BRIAN, US
[72] ARIDA, TONY, US
[72] GARNETT, MATTHEW, US
[72] PUSCH, THOMAS G., US
[72] COWPER, LANCE, US
[71] CATERPILLAR INC., US
[22] 2020-12-08
[41] 2021-06-17
[30] US (16/717470) 2019-12-17

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[51] **Int.Cl. F24F 6/04 (2006.01)**
[25] EN
[54] **BACKPLANE ADJUSTABLE HUMIDIFIER**
[54] **HUMIDIFICATEUR REGLABLE DE PANNEAU ARRIERE**
[72] BRABEC, JAN, US
[72] HOFF, CHARLES N., US
[71] ADEMCO INC., US
[22] 2020-12-08
[41] 2021-06-18
[30] US (16/719721) 2019-12-18

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[51] **Int.Cl. B60W 60/00 (2020.01) B60W 50/00 (2006.01) G08G 1/123 (2006.01)**
[25] EN
[54] **VEHICLE CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE VEHICULE**
[72] GHOSH, DIPANKAR, US
[72] CORRY, JAMES GLEN, US
[72] SCHOONMAKER, WILLIAM CHERRICK, US
[72] KRAELING, MARK BRADSHAW, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2020-12-08
[41] 2021-06-18
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[51] **Int.Cl. H04W 16/04 (2009.01) H04W 28/24 (2009.01)**
[25] EN
[54] **OPTIMIZING LICENSED AND UNLICENSED SPECTRUM ALLOCATION**
[54] **OPTIMISATION DE L`ATTRIBUTION DES SPECTRES AUTORISEE ET NON AUTORISEE**
[72] JONES, DAVID, US
[71] T-MOBILE USA, INC., US
[22] 2020-12-08
[41] 2021-06-16
[30] US (62/948713) 2019-12-16
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[51] **Int.Cl. C10L 3/08 (2006.01) H01M 8/0612 (2016.01) B01D 53/62 (2006.01) C10G 1/04 (2006.01) C22B 7/00 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **RENEWABLE PROCESSING OF WASTE PRODUCTS**
[54] **TRAITEMENT RENOUVELABLE DES DECHETS**
[72] PAVLIN, PETER, CA
[71] WEIR CANADA, INC., CA
[22] 2020-12-10
[41] 2021-06-13
[30] GB (1918430.8) 2019-12-13

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[51] **Int.Cl. H02B 1/06 (2006.01) H02B 1/20 (2006.01)**
[25] EN
[54] **DUAL CONTACTOR ELECTRICAL PANELBOARD ASSEMBLY, SYSTEMS AND METHODS**
[54] **MONTAGE DE PANNEAU ELECTRIQUE A DEUX CONTACTEURS, SYSTEMES ET METHODES**
[72] BLUM, ANDREW D., US
[72] MOSER, TERRY L., US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2020-12-10
[41] 2021-06-13
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[51] **Int.Cl. F25B 1/00 (2006.01) F25B 5/02 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **COOLING SYSTEM WITH COMPRESSOR BYPASS**
[54] **SYSTEME DE REFROIDISSEMENT AVEC CONTOURNEMENT DES COMPRESSEURS**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2020-12-10
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[51] **Int.Cl. F25B 5/02 (2006.01) F25B 1/00 (2006.01) F25B 41/00 (2021.01)**
[25] EN
[54] **COOLING SYSTEM WITH PARTLY FLOODED LOW SIDE HEAT EXCHANGER**
[54] **SYSTEME DE REFROIDISSEMENT AVEC ECHANGEUR DE CHALEUR DE COTE BASSE PRESSION PARTIELLEMENT NOYE**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2020-12-10
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[51] **Int.Cl. B65B 11/00 (2006.01)**
[25] EN
[54] **MACHINE FOR WRAPPING PALLETS**
[54] **MACHINE POUR EMBALLER DES PALETTES**
[72] BOCEDI, STEFANO, IT
[72] BUSATO, FEDERICO, IT
[71] OFFICINA BOCEDI S.R.L., IT
[22] 2020-12-10
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[51] **Int.Cl. C07C 2/02 (2006.01) C07C 5/27 (2006.01) C07C 7/04 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR CONVERSION OF AROMATIC COMPOUNDS BY ALKYLATION OF BENZENE WITH ETHYLENE**
[54] **DISPOSITIF ET PROCEDE DE CONVERSION DE COMPOSES AROMATIQUES PAR ALKYLATION DE BENZENE PAR DE L'ETHYLENE**
[72] JOLY, JEAN-FRANCOIS, FR
[72] FEUGNET, FREDERIC, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2020-12-11
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[51] **Int.Cl. E03F 5/04 (2006.01)**
[25] EN
[54] **FRAME FOR A FLOOR DRAIN**
[54] **CADRE POUR UN DRAIN DE PLANCHER**
[72] SCHLUTER, WERNER, DE
[71] SCHLUTER SYSTEMS (CANADA) INC., CA
[22] 2020-12-10
[41] 2021-06-18
[30] DE (DE 20 2019 107 083.8) 2019-12-18

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[13] A1
[51] **Int.Cl. E04D 1/12 (2006.01) E04D 1/34 (2006.01)**
[25] EN
[54] **ROOFING PRODUCTS WITH IMPROVED NAIL ZONE, ROOFING SYSTEMS AND METHODS FOR INSTALLING THEM**
[54] **PRODUITS DE COUVERTURE A ZONE DE CLOU AMELIORE, SYSTEMES DE COUVERTURE ET METHODES D`INSTALLATION**
[72] SIMON, MARK W., US
[72] JENKINS, ROBERT L., US
[72] LEMBO, MICHAEL J., US
[72] JACOBS, GREGORY F., US
[72] WANG, YING, US
[72] OBOYLE, MATTHEW, US
[72] PECORA, ALEXANDRA ALBERTO ARRUDA, US
[71] CERTAINTEED LLC, US
[22] 2020-12-11
[41] 2021-06-13
[30] US (62/947,943) 2019-12-13

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[13] A1
[51] **Int.Cl. E06B 7/00 (2006.01) E06B 7/28 (2006.01)**
[25] EN
[54] **SOLAR CASEMENT WINDOW CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE FENETRE A BATTANT SOLAIRE**
[72] CANTOR, ALLAN, CA
[72] JACQUES, DOMINIC, CA
[72] PEAREN, CHRISTOPHER, CA
[72] THATCHER, RON, CA
[71] WIFI POWER WINDOWS CORP., CA
[22] 2020-12-08
[41] 2021-06-19
[30] US (62/950,566) 2019-12-19

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[13] A1
[51] **Int.Cl. C07C 69/608 (2006.01) C08K 5/12 (2006.01) C08J 3/18 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **TRIESTERS OF CYCLOHEXANETRIPROPIONIC ACID**
[54] **TRIESTERS DE L`ACIDE CYCLOHEXANETRIPROPIONIQUE**
[72] SCHULZ, IMKE, DE
[72] GRASS, MICHAEL, DE
[72] FRANKE, ROBERT, DE
[72] KRAFT, JOHANNES, DE
[72] BELLER, MATTHIAS, DE
[72] JACKSTELL, RALF, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-12-11
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[13] A1
[51] **Int.Cl. F23J 13/02 (2006.01) F27D 1/04 (2006.01) F27D 1/14 (2006.01)**
[25] EN
[54] **REFRACTORY CORE WITH ENHANCED ACOUSTIC PROPERTIES**
[54] **NOYAU REFRACTAIRE A PROPRIETES ACOUSTIQUES AMELIOREES**
[72] ROSENBERGER, TIMOTHY WAYNE EARL, CA
[72] BENNETT, ROBIN GUY, CA
[71] SPL CONTROL INC., CA
[22] 2020-12-11
[41] 2021-06-13
[30] US (62/947,886) 2019-12-13
[30] US (62/976,431) 2020-02-14

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[13] A1
[51] **Int.Cl. C07C 2/86 (2006.01) C07C 5/27 (2006.01) C07C 7/04 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR CONVERSION OF AROMATIC COMPOUNDS BY ALKYLATION OF BENZENE WITH ETHANOL**
[54] **DISPOSITIF ET PROCEDE DE CONVERSION DE COMPOSES AROMATIQUES PAR ALKYLATION DE BENZENE PAR L'ETHANOL**
[72] JOLY, JEAN-FRANCOIS, FR
[72] FEUGNET, FREDERIC, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2020-12-11
[41] 2021-06-17
[30] FR (1914582) 2019-12-17

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[13] A1
[51] **Int.Cl. H04W 12/102 (2021.01) H04W 80/08 (2009.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTHORIZING TRAFFIC FLOWS**
[54] **SYSTEME ET METHODE POUR AUTORISER LES FLUX DE TRAFIC**
[72] PATIL, RAJESHWAR, IN
[72] SIDDALINGAIAH, GANGARAJU K., IN
[72] SANNAMARIYAPPA, KEMPARAJU, IN
[71] SANDVINE CORPORATION, CA
[22] 2020-12-14
[41] 2021-06-16
[30] IN (201911052163) 2019-12-16

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[13] A1
[51] **Int.Cl. B01D 17/04 (2006.01) B01D 19/04 (2006.01) E21B 43/22 (2006.01) C09K 3/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR BREAKING FOAMS AND EMULSIONS**
[54] **COMPOSITIONS ET METHODES POUR DECOMPOSER DES MOUSSES ET DES EMULSIONS**
[72] PINNAWALA, GAYANI W., US
[72] PALAYANGODA, SUJEEWA S., US
[72] DWARAKANATH, VARADARAJAN, US
[72] SALMAN, MOHAMAD, US
[72] TAGAVIFAR, MOHSEN S., US
[71] CHEVRON U.S.A. INC., US
[22] 2020-12-14
[41] 2021-06-14
[30] US (62/948258) 2019-12-14

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[13] A1
[51] **Int.Cl. C07C 69/608 (2006.01) C07C 67/38 (2006.01)**
[25] EN
[54] **ALKOXYCARBONYLATION OF TRIVINYLCYCLOHEXANE**
[54] **ALKOXYCARBONYLATION DE TRIVINYLCYCLOHEXANE**
[72] DONG, KAIWU, DE
[72] FRANKE, ROBERT, DE
[72] JACKSTEEL, RALF, DE
[72] BELLER, MATTHIAS, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-12-14
[41] 2021-06-17
[30] EP (19 216 884.7) 2019-12-17

[21] **3,102,667**
[13] A1
[51] **Int.Cl. E21C 27/20 (2006.01) E21B 44/00 (2006.01) E21B 45/00 (2006.01) E21C 35/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR ESTIMATING DISTANCE, INCLINATION AND DRILLING SPEED OF A MINING MACHINE AND METHOD TO IMPROVE THE DRILLING PROCESS OF MINING TUNNELS**
[54] **SYSTEME D`ESTIMATION DE LA DISTANCE, DE L`INCLINAISON ET DE LA VITESSE DE FORAGE D`UNE MACHINE MINIERE ET METHODE POUR AMELIORER LE PROCEDE DE FORAGE DE TUNNELS MINIERS**
[72] IBACETA REINOSO, DAVID ALEJANDRO, CL
[72] CANTILLANA OSORIO, FRANCISCO ANDRES, CL
[72] DE LA PAZ PAVLOV NORAMBUENA, IVANIA ALEXIA, CL
[72] QUEZADA NOVAO, ANDRES, CL
[72] ARIAS REYES, JUAN EDUARDO, CL
[72] ESPINOZA CATRILEF, PEDRO PABLO, CL
[72] ALBORNOZ NAVARRO, DANIEL ALEJANDRO, CL
[71] MINING TAG S.A., CL
[22] 2020-12-15
[41] 2021-06-18
[30] CL (3718-2019) 2019-12-18

[21] **3,102,688**
[13] A1
[51] **Int.Cl. G09F 7/18 (2006.01) G09F 9/33 (2006.01) G09F 13/00 (2006.01) H02G 3/22 (2006.01)**
[25] EN
[54] **SIGNAGE MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE DE SIGNALISATION**
[72] WALCZAK, STEVE, US
[72] STANGEL, JOSHUA, US
[71] EVERBRITE, LLC, US
[22] 2020-12-15
[41] 2021-06-16
[30] US (62/948,554) 2019-12-16

[21] **3,102,690**
[13] A1
[51] **Int.Cl. B60P 1/48 (2006.01) B60P 1/64 (2006.01) B65F 3/26 (2006.01)**
[25] FR
[54] **CONTAINER LIFTING BRACKET USING UPPER ORIFICES ON THE CONTAINER**
[54] **SUPPORT DE LEVAGE DE CONTENEUR PAR DES ORIFICES SUPERIEURS DU CONTENEUR**
[72] JONDET, STEPHANE, FR
[72] RAUCOULES, MICHEL, FR
[71] GUIMA PALFINGER, FR
[22] 2020-12-15
[41] 2021-06-16
[30] FR (1914488) 2019-12-16

[21] **3,102,692**
[13] A1
[51] **Int.Cl. H04N 5/343 (2011.01) H04N 5/347 (2011.01) B64D 1/22 (2006.01) B64D 47/08 (2006.01) G02B 27/02 (2006.01) H01L 27/146 (2006.01)**
[25] EN
[54] **ON-BOARD OPTICAL OBSERVATION INSTRUMENT OF VARIABLE SPATIAL AND SPECTRAL RESOLUTION**
[54] **INSTRUMENT D`OBSERVATION OPTIQUE DE BORD A RESOLUTION SPATIALE ET SPECTRALE VARIABLE**
[72] MARCON, BENOIT, FR
[72] MATHIEU, SANDRINE, FR
[72] BUTEL, GUILLAUME, FR
[72] SIMEONI, DENIS, FR
[72] CLEMENT, DAVID, FR
[71] THALES, FR
[22] 2020-12-15
[41] 2021-06-17
[30] FR (1914567) 2019-12-17

[21] **3,102,708**
[13] A1
[51] **Int.Cl. B65D 90/02 (2019.01) B32B 5/18 (2006.01) B32B 37/10 (2006.01) B32B 37/18 (2006.01) B62D 63/08 (2006.01) B65D 88/12 (2006.01) F16L 59/05 (2006.01) F16S 1/10 (2006.01)**
[25] EN
[54] **COMPOSITE PANEL AND METHOD FOR FORMING THE SAME**
[54] **PANNEAU COMPOSITE ET METHODE DE FORMAGE**
[72] BAKER, LEONARD, US
[72] SUMCAD, GUSTAVO, US
[72] DAVENPORT, BRANDON, US
[72] LIGOURI, LYNSEY, US
[72] BODEY, MICHAEL, US
[71] WABASH NATIONAL, L.P., US
[22] 2020-12-11
[41] 2021-06-13
[30] US (62/947,926) 2019-12-13

[21] **3,102,709**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **REQUEST FOR TIME SLOT SPECIFIC GEO-FENCED OFFERS INCENTED BY DONATION TO CHARITY**
[54] **DEMANDE D`OFFRES DE GEOBLOCAGE A CRENEAU PRECIS MOTIVEES PAR DES DONS CARITATIFS**
[72] TIETZEN, TERRANCE PATRICK, CA
[72] BATES, MATTHEW ARNOLD MACPHERSON, CA
[71] EDATANETWORKS INC., CA
[22] 2020-12-11
[41] 2021-06-13
[30] US (62/947,661) 2019-12-13
[30] US (17/116,481) 2020-12-09

[21] **3,102,718**
[13] A1
[51] **Int.Cl. B64C 1/18 (2006.01) B64C 1/06 (2006.01)**
[25] EN
[54] **LONGITUDINAL BEAM JOINT FOR A PRESSURE DECK ASSEMBLY**
[54] **JOINT DE POUTRE LONGITUDINALE POUR UN ENSEMBLE DE PLANCHER ETANCHE**
[72] MCLAUGHLIN, MARK R., US
[72] INGHAM, STEVEN D., US
[72] COX, DANIEL J., US
[72] LOCKIN, CHARLES B., US
[72] VUKOSAV, DANILO, US
[71] THE BOEING COMPANY, US
[22] 2020-12-15
[41] 2021-06-16
[30] US (16/716379) 2019-12-16

[21] **3,102,724**
[13] A1
[51] **Int.Cl. B05B 12/10 (2006.01) B05B 15/00 (2018.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TEMPERATURE CONTROLLED COLD SPRAY**
[54] **APPAREIL ET METHODE POUR UN LIQUIDE REFROIDISSEUR A TEMPERATURE CONTROLEE**
[72] IRISSOU, ERIC, CA
[72] LEGOUX, JEAN-GABRIEL, CA
[72] COJOCARU, CRISTIAN VICTOR, CA
[72] ILINCA, FLORIN, CA
[72] BOURNIVAL, SYLVAIN, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2020-12-15
[41] 2021-06-16
[30] US (62948531) 2019-12-16

[21] **3,102,726**
[13] A1
[51] **Int.Cl. B31B 50/25 (2017.01) B26D 3/08 (2006.01) B65D 5/54 (2006.01) B65D 17/28 (2006.01)**
[25] EN
[54] **CONTAINER PRE-CUTTING SYSTEM**
[54] **SYSTEME DE PRECOUPE DE CONTENANT**
[72] GONZALEZ, MANUEL, ES
[71] INDUSTRIAS TECNOLOGICAS DE MECANIZACION Y AUTOMATIZACION, S.A., ES
[22] 2020-12-15
[41] 2021-06-18
[30] EP (19000572.8) 2019-12-18

[21] **3,102,737**
[13] A1
[51] **Int.Cl. B60Q 3/41 (2017.01) B60Q 3/43 (2017.01) B60Q 3/47 (2017.01) B64D 11/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **LIGHTING SYSTEM FOR A VEHICLE CABIN**
[54] **SYSTEME D`ECLAIRAGE D`UNE CABINE DE VEHICULE**
[72] GAGNON-SEGUIN, LOUIS, CA
[71] BOMBARDIER INC., CA
[22] 2020-12-16
[41] 2021-06-18
[30] US (62/949,518) 2019-12-18

[21] **3,102,740**
[13] A1
[51] **Int.Cl. C12N 5/076 (2010.01) C12N 5/075 (2010.01) A23L 17/00 (2016.01) C12Q 1/6888 (2018.01) A01K 67/033 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SEXUAL MATURATION IN RAINBOW TROUT**
[54] **MATURATION SEXUELLE DE LA TRUITE ARC-EN-CIEL**
[72] KNUTSEN, TIM MARTIN, NO
[72] KORSVOLL, SVEN ARILD, NO
[72] NIELSEN, TORBEN FEJER, NO
[71] AQUAGEN AS, NO
[22] 2020-12-16
[41] 2021-06-18
[30] EP (19217649.3) 2019-12-18

[21] **3,102,809**
[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 16/901 (2019.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING DATA OBJECT CREATION**
[54] **SYSTEME ET METHODE POUR GERER LA CREATION D`OBJETS DE DONNEES**
[72] ALSAMARRIE, AWS AIED KHALAF, CA
[72] GADGIL, HARSHAVARDHAN, CA
[72] BEAUDET, ERIC, CA
[72] SHARMA, VAIBHAV, CA
[72] OUELLET-FERENCE, CALVIN KANA, CA
[72] KRIUCHKOV, VIACHESLAV, CA
[72] ROJ, AGATA, CA
[72] VELLET, STEPHANE, CA
[72] DUMONT, ALAIN, CA
[72] ROH, YONG KYUN, CA
[72] ISKENDERIAN, GEORGE, CA
[71] BCE INC., CA
[22] 2020-12-15
[41] 2021-06-16
[30] US (62/948,418) 2019-12-16

[21] **3,102,814**
[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 16/901 (2019.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DATA INGESTION AND WORKFLOW GENERATION**
[54] **SYSTEME ET METHODE D`INGESTION DE DONNEES ET DE GENERATION DE FLUX DE TRAVAIL**
[72] AL-SAMARRIE, AWS, CA
[72] KRIUCHKOV, VIACHESLAV, CA
[72] LIU, KUN (CHRIS), CA
[72] XU, RUIXIANG (CALVIN), CA
[72] ROJ, AGATA, CA
[72] SHARMA, VAIBHAV, CA
[72] VELLET, STEPHANE, CA
[72] VULPIC-BORK, DRAGANA, CA
[72] GADGIL, HARSHAVARDHAN, CA
[72] BEAUDET, ERIC, CA
[72] MARRO, PATRIZIA, CA
[72] GODIN, DANIEL, CA
[72] ISKENDERIAN, GEORGE, CA
[71] BCE INC., CA
[22] 2020-12-15
[41] 2021-06-16
[30] US (62/948,417) 2019-12-16

[21] **3,102,818**
[13] A1
[51] **Int.Cl. B60P 7/04 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **CRANK ASSEMBLY FOR A TARPAULIN RETRACTION AND EXTENSION DEVICE**
[54] **MECANISME A MANIVELLE POUR UN DISPOSITIF DE RETRACTION ET D`EXTENSION DE BACHE**
[72] BOUTIN, KEVEN, CA
[72] BRUNET, ETIENNE, CA
[72] MARTIN, KENDRICK, CA
[71] FABRICATION ELCARGO INC., CA
[22] 2020-12-16
[41] 2021-06-19
[30] US (62950606) 2019-12-19

[21] **3,102,827**
[13] A1
[51] **Int.Cl. F23H 11/00 (2006.01) F23G 5/44 (2006.01) F23H 11/24 (2006.01) F23K 3/00 (2006.01)**
[25] EN
[54] **FUEL MANAGEMENT SYSTEMS FOR A BIOMASS FURNACE**
[54] **SYSTEMES DE GESTION DE CARBURANT POUR UN FOUR A BIOMASSE**
[72] DUECK, RAYMOND, CA
[71] DUECK, RAYMOND, CA
[22] 2020-12-17
[41] 2021-06-19
[30] US (62/950,210) 2019-12-19

[21] **3,102,849**
[13] A1
[51] **Int.Cl. F16B 37/00 (2006.01) F16B 43/00 (2006.01) F16L 23/036 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **HVAC DUCT CONNECTION SYSTEM AND FLANGE**
[54] **SYSTEME DE RACCORD DE CONDUIT CVC ET BORD TOMBE**
[72] RICHARD, ALAIN, US
[71] AR DEVELOPING, LLC, US
[22] 2020-12-17
[41] 2021-06-18
[30] US (17/112,109) 2020-12-04
[30] US (62/949,753) 2019-12-18
[30] US (62/972,951) 2020-02-11

[21] **3,102,851**
[13] A1
[51] **Int.Cl. B66C 1/22 (2006.01) F16B 39/02 (2006.01) F16B 45/00 (2006.01)**
[25] EN
[54] **CONNECTION DEVICE FOR COUPLING A LOAD TO A LIFTING LUG BY MEANS OF A SUPPORT BOLT**
[54] **DISPOSITIF DE RACCORD POUR RACCORDER UNE CHARGE A UN ANNEAU DE LEVAGE AU MOYEN D`UN BOULON DE SUPPORT**
[72] IVANIC, RANKO, AT
[71] PEWAG AUSTRIA GMBH, AT
[22] 2020-12-15
[41] 2021-06-19
[30] DE (10 2019 135 324.6) 2019-12-19

[21] **3,102,852**
[13] A1
[51] **Int.Cl. F16B 23/00 (2006.01) F16B 25/00 (2006.01) F16L 23/036 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **MECHANICAL FASTENER DRIVE TOOL AND SYSTEM**
[54] **OUTIL ET SYSTEME D`ENTRAINEMENT D`ATTACHE MECANIQUE**
[72] RICHARD, ALAIN, US
[71] AR DEVELOPING, LLC, US
[22] 2020-12-17
[41] 2021-06-18
[30] US (17/112,270) 2020-12-04
[30] US (62/949,767) 2019-12-18
[30] US (62/972,946) 2020-02-11

[21] **3,102,871**
[13] A1
[51] **Int.Cl. B64D 15/00 (2006.01) B64D 31/00 (2006.01) F01D 25/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM TO PROMOTE ICE SHEDDING FROM ROTOR BLADES OF AN AIRCRAFT ENGINE**
[54] **METHODE ET SYSTEME POUR PROMOUVOIR LE DELESTAGE DE GLACE DES AUBES DE ROTOR D`UN MOTEUR D`AERONEF**
[72] ABRARI, FARID, CA
[72] MOHAMMED, WALID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-12-15
[41] 2021-06-18
[30] US (16/718,790) 2019-12-18

[21] **3,102,877**
[13] A1
[51] **Int.Cl. G06F 16/90 (2019.01) G06F 16/70 (2019.01) G06F 7/58 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR STORING USER-SPECIFIC MEDIA SEQUENCES**
[54] **METHODES ET SYSTEMES POUR STOCKER DES SEQUENCES DE CONTENU PROPRES A UN UTILISATEUR**
[72] GILADI, ALEXANDER, US
[72] MAO, WEIDONG, US
[72] FORD, ROBERT, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-12-18
[41] 2021-06-19
[30] US (16/721,600) 2019-12-19

[21] **3,102,879**
[13] A1
[51] **Int.Cl. A47B 3/02 (2006.01) A47B 37/04 (2006.01)**
[25] EN
[54] **FOLDING TABLE**
[54] **TABLE PLIANTE**
[72] GOODWORTH, MATTHEW, US
[72] SCHREIBER, ROBERT G., US
[72] SNIR, SHLOMO, US
[71] ADAMS MFG. CORP., US
[22] 2020-12-18
[41] 2021-06-19
[30] US (16/720,467) 2019-12-19

[21] **3,102,908**
[13] A1
[51] **Int.Cl. B62D 21/14 (2006.01) B60P 3/40 (2006.01) B62D 21/20 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **STRETCH TRAILER WITH ROLLER MECHANISM**
[54] **REMORQUE EXTENSIBLE AVEC MECANISME A ROULEAU**
[72] LUTZ, DAVID W., US
[72] KEITEL, STEVE, US
[72] MCMANIGAL, MICHAEL, US
[71] MASTER SOLUTIONS, INC., US
[22] 2020-12-16
[41] 2021-06-16
[30] US (62/948,438) 2019-12-16

[21] **3,102,910**
[13] A1
[51] **Int.Cl. A23L 7/25 (2016.01) A23L 7/10 (2016.01) A23L 2/38 (2021.01) B01D 1/00 (2006.01) B01J 8/02 (2006.01)**
[25] EN
[54] **PROCESS FOR SEPARATING A FERMENTED MALT BEVERAGE**
[54] **PROCEDE DE SEPARATION D`UN BREUVAGE DE MALT FERMENTE**
[72] JORDAN, BENJAMIN M., US
[72] HUELSNITZ, CHRIS, US
[72] SOGARD, KYLE, US
[72] WILLIAMSON, GRANT, US
[71] ABV TECHNOLOGY, INC., US
[22] 2020-12-18
[41] 2021-06-19
[30] US (62/950,602) 2019-12-19

[21] **3,102,963**
[13] A1
[51] **Int.Cl. C10M 119/12 (2006.01)**
[25] EN
[54] **HIGH VISCOSITY INDEX COMB POLYMER VISCOSITY MODIFIERS AND METHODS OF MODIFYING LUBRICANT VISCOSITY USING SAME**
[54] **MODIFICATEURS DE VISCOSITE A BASE DE POLYMERE EN PEIGNE A INDICE DE VISCOSITE ELEVE ET METHODES DE MODIFICATION DE LA VISCOSITE D`UN LUBRIFIANT EN LES UTILISANT**
[72] GALBRAITH, EWAN, US
[72] NGUYEN, NGA, US
[72] LEWIS, RONALD M., US
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2020-12-16
[41] 2021-06-16
[30] US (16/715,783) 2019-12-16
[30] US (17/109,655) 2020-12-02

[21] **3,102,969**
[13] A1
[51] **Int.Cl. C10M 119/12 (2006.01)**
[25] EN
[54] **HIGH VISCOSITY INDEX COMB POLYMER VISCOSITY MODIFIERS AND METHODS OF MODIFYING LUBRICANT VISCOSITY USING SAME**
[54] **MODIFICATEURS DE VISCOSITE A BASE DE POLYMERE EN PEIGNE A INDICE DE VISCOSITE ELEVE ET METHODES DE MODIFICATION DE LA VISCOSITE D`UN LUBRIFIANT EN LES UTILISANT**
[72] GALBRAITH, EWAN, US
[72] LEWIS, RONALD M., US
[72] NGUYEN, NGA, US
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2020-12-16
[41] 2021-06-16
[30] US (16/715,748) 2019-12-16
[30] US (17/109,573) 2020-12-02

[21] **3,102,974**
[13] A1
[51] **Int.Cl. G01S 5/00 (2006.01) H04W 4/029 (2018.01)**
[25] EN
[54] **INSPECTION TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI D`INSPECTION**
[72] VERNON, DANIEL GEORGE, US
[72] GUSTAFSON, BRIAN CARL, US
[72] FREUDENRICH, MATTHEW TODD, US
[71] NORTHERN CLEARING, INC., US
[22] 2020-12-16
[41] 2021-06-16
[30] US (62/948,668) 2019-12-16
[30] US (17/122,044) 2020-12-15

[21] **3,102,987**
[13] A1
[51] **Int.Cl. C10M 119/12 (2006.01)**
[25] EN
[54] **HIGH VISCOSITY INDEX COMB POLYMER VISCOSITY MODIFIERS AND METHODS OF MODIFYING LUBRICANT VISCOSITY USING SAME**
[54] **MODIFICATEURS DE VISCOSITE A BASE DE POLYMERE EN PEIGNE A INDICE DE VISCOSITE ELEVE ET METHODES DE MODIFICATION DE LA VISCOSITE D`UN LUBRIFIANT EN LES UTILISANT**
[72] XU, JUN, US
[72] GALBRAITH, EWAN, US
[72] NGUYEN, NGA, US
[72] LEWIS, RONALD M., US
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2020-12-16
[41] 2021-06-16
[30] US (16/715,772) 2019-12-16
[30] US (17/109,623) 2020-12-02

[21] **3,102,991**
[13] A1
[51] **Int.Cl. G06N 3/08 (2006.01) G06N 10/00 (2019.01) G06N 3/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR QUANTUM COMPUTING WITH PRE-TRAINING**
[54] **APPAREIL ET PROCEDES POUR L`INFORMATIQUE QUANTIQUE AVEC APPRENTISSAGE PREALABLE**
[72] IJAZ, AROOSA, CA
[72] SCHULD, MARIA, ZA
[72] LLOYD, SETH, US
[71] XANADU QUANTUM TECHNOLOGIES INC., CA
[22] 2020-12-16
[41] 2021-06-18
[30] US (62/949,768) 2019-12-18

[21] **3,103,005**
[13] A1
[51] **Int.Cl. B23K 9/32 (2006.01) B23K 9/02 (2006.01) B23K 9/12 (2006.01) B23K 9/28 (2006.01)**
[25] EN
[54] **RETURN CURRENT ROLLER FOR AUTOMATIC WELDER**
[54] **MOLETTE DE COURANT DE ROUTEUR POUR UN APPAREIL DE SOUDAGE AUTOMATIQUE**
[72] KLOEPFER, MICHAEL, CA
[72] PURSLEY, TOM, CA
[71] TITAN TRAILERS INC., CA
[22] 2020-12-16
[41] 2021-06-16
[30] US (62/948,412) 2019-12-16

[21] **3,103,072**
[13] A1
[51] **Int.Cl. G01R 31/392 (2019.01)**
[25] EN
[54] **DETERMINATION DU VIEILLISSEMENT D'UN SYSTEM DE STOCKAGE ELECTRIQUE**
[54] **DETERMINATION DU VIEILLISSEMENT D`UN SYSTEME DE STOCKAGE ELECTRIQUE**
[72] HASCOAT, AURELIEN, FR
[71] ELECTRICITE DE FRANCE, FR
[22] 2020-12-16
[41] 2021-06-18
[30] FR (19/14800) 2019-12-18

[21] **3,103,094**
[13] A1
[51] **Int.Cl. B65G 17/38 (2006.01) B65G 17/06 (2006.01) B65G 17/40 (2006.01)**
[25] EN
[54] **ANTI-SURGE DOG LINK FOR A SHARP CHAIN CONVEYOR**
[54] **MAILLON ANTI-SURTENSION POUR UN LONG CONVOYEUR A CHAINE**
[72] ALSUP, RAYMOND LEE, US
[72] BEWLEY, STEVEN DWAYNE, US
[72] BURGENER, GERALD ALAN, US
[72] CREEKMORE, MICHAEL LYNN, US
[72] FINN, DAVID A., US
[72] HIETT, ROBERT W., US
[72] KENDRICK, SABRINA LYNN, US
[72] LILLEY, RAYMOND D., US
[72] CHAMBERS, KELLY APRIL, US
[72] ROBERSON, RUSSELL KYLE, US
[72] ROGERS, MATTHEW S., US
[72] STARK, TIM MAJOR, US
[72] TEAGUE, TOMMY RONALD, US
[71] OMEGA SOLUTIONS, INC., US
[22] 2020-12-18
[41] 2021-06-19
[30] US (16/720,591) 2019-12-19

[21] **3,103,096**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/30 (2016.01) A61B 90/00 (2016.01) A61B 17/70 (2006.01) A61B 17/86 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SPINE TRACKING IN COMPUTER-ASSISTED SURGERY**
[54] **PROCEDE ET SYSTEME DE SUIVI DE LA COLONNE VERTEBRALE EN CHIRURGIE ASSISTEE PAR ORDINATEUR**
[72] GOYETTE, ANDREANNE, CA
[72] CHAV, RAMNADA, CA
[72] DUVAL, KARINE, CA
[71] ORTHOSOFT ULC, CA
[22] 2020-12-16
[41] 2021-06-16
[30] US (62/948,494) 2019-12-16

[21] **3,103,098**
[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **DENTAL IMPLANT WITH POROUS INGROWTH MATERIAL**
[54] **IMPLANT DENTAIRE COMPRENANT UN MATERIAU D`INTERPOSITION POREUX**
[72] STALCUP, GREGORY C., US
[72] DIETZEL, STEVE, US
[71] SMED-TA/TD, LLC, US
[22] 2020-12-16
[41] 2021-06-19
[30] US (62/950396) 2019-12-19

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[54] **CONTAINER APPARATUS AND METHOD OF USING SAME**
[54] **APPAREIL DE CONTENANT ET METHODE D`UTILISATION CONNEXE**
[72] BROWN, MATTHEW S., US
[71] FUSE, LLC, US
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[54] **RAPID ORE ANALYSIS TO ENABLE BULK SORTING USING GAMMA-ACTIVATION ANALYSIS**
[54] **ANALYSE RAPIDE DE MINERAI POUR PERMETTRE LE TRI PAR LOT AU MOYEN D`UNE ANALYSE A ACTIVATION GAMMA**
[72] COGHILL, PETER, AU
[72] TICKNER, JAMES, AU
[72] TISSOT, CHANEL, AU
[72] CARTER, IAN, AU
[72] CUTMORE, NICHOLAS, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[54] **PLASTIC SCRUBBER FOR PAINT SPRAY BOOTH**
[54] **EPURATEUR EN PLASTIQUE POUR UNE CABINE DE PEINTURE AU PISTOLET**
[72] SALAZAR, ABRAHAM J., US
[72] SMITH, STEVE M., US
[72] BATCHIK, GREGORY S., US
[71] GIFFIN, INC., US
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[54] **PACKAGING MACHINE WITH REJECT POUCH CONVEYOR**
[54] **MACHINE D`EMBALLAGE AVEC CONVOYEUR DE REJET DE POCHE**
[72] MURRAY, R. CHARLES, US
[71] POUCH PAC INNOVATIONS, LLC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING ASSOCIATIONS IN AN ONLINE NETWORK**
[54] **SYSTEME ET METHODE DE GESTION D`ASSOCIATIONS DANS UN RESEAU EN LIGNE**
[72] XU, YUZHEN, CA
[71] XU, YUZHEN, CA
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[54] **TOOTHBRUSH WITH INTEGRAL TOOTHPASTE DISPENSER**
[54] **BROSSE A DENTS COMPORTANT UN DISTRIBUTEUR DE DENTIFRICE INTEGRE**
[72] PAGOBO, JOHN PAUL, CA
[71] PAGOBO, JOHN PAUL, CA
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[54] **WIRELESS RESOURCE SWITCHING**
[54] **COMMUTATION DE RESSOURCES SANS FIL**
[72] KWAK, YOUNGWOO, US
[72] DINAN, ESMAEL, US
[72] JEON, HYOUNGSUK, US
[72] ZHOU, HUA, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **EYEGLASSES WITH CHARGING INTERFACE**
[54] **LUNETTES AVEC UNE INTERFACE DE RECHARGE**
[72] RUSCONI CLERICI BELTRAMI, ANDREA, AT
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AT
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[54] **CANOPY FRAME INCLUDING TENSION MEMBER SYSTEM**
[54] **CADRE DE LA VERRIERE COMPRENANT UN SYSTEME DE BARRE TENDUE**
[72] HUDRLIK, DAVID CHARLES, US
[72] HUDRLIK, JASON SCOTT, US
[71] CARAVAN CANOPY INT'L, INC., US
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[54] **METHODS AND SYSTEMS FOR SWITCHING BETWEEN SERVICE PROVIDER NETWORKS**
[54] **METHODES ET SYSTEMES POUR CHANGER ENTRE DES RESEAUX DE FOURNISSEURS DE SERVICES**
[72] KAUR, SAMIAN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **SYSTEMS AND METHODS FOR DYNAMICALLY MANAGING DATA SETS**
[54] **SYSTEMES ET METHODES DE GESTION DYNAMIQUE D`ENSEMBLE DE DONNEES**
[72] VIJ, KANIKA, CA
[72] RESHYNSKY, IGOR, CA
[72] JASSAL, HARNEET, CA
[72] HU, EMMA, CA
[72] MIN, LIANG, CA
[72] LAZURE, ADAM, CA
[72] CHOI, ESTHER, CA
[72] COMISH, ROWAN, CA
[72] GAO, JINGYI, CA
[72] GLADYS, LEUNG, CA
[72] FENTON, DIANE, CA
[71] ROYAL BANK OF CANADA, CA
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[54] **SYSTEM AND METHOD FOR HIGH PERFORMANCE ENTERPRISE LIBRARY PERFROMANCE BOOST**
[54] **SYSTEME ET METHODE D`AMELIORATION DU RENDEMENT D`UNE BIBLIOTHEQUE D`ENTREPRISE A RENDEMENT ELEVE**
[72] VANLEEUWEN, PETER, CA
[72] HASKETT, ROBERT, CA
[72] CASSIDY, JASON, CA
[72] BARTH, BEN, CA
[72] MERHI, KHALID, CA
[72] BOWMAN, MERVIN, CA
[72] TERZIEV, GORGI, CA
[71] SHINYDOCS, CA
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[54] **SYSTEM AND METHOD FOR ROBUST LOCAL CACHE HANDLING**
[54] **SYSTEME ET METHODE DE GESTION ROBUSTE DE LA MEMOIRE CACHE LOCALE**
[72] VANLEEUWEN, PETER, CA
[72] HASKETT, ROBERT, CA
[72] CASSIDY, JASON, CA
[72] BARTH, BEN, CA
[72] MERHI, KHALID, CA
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[72] MILLMAN, STEVE, US
[71] MILLMAN, STEVE, US
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[54] **METHOD AND SYSTEM FOR LIMITING SPATIAL INTERFERENCE FLUCTUATIONS BETWEEN AUDIO SIGNALS**
[54] **METHODE ET SYSTEME POUR LIMITER LES FLUCTUATIONS D`INTERFERENCE SPATIALE ENTRE DES SIGNAUX SONORES**
[72] DESMET, LAURENT, CA
[72] AYOTTE, MAXIME, CA
[72] GIGUERE, MARC-ANDRE, CA
[71] CAE INC., CA
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[54] **ADJUSTED-PROJECTION PANEL FOR ADDRESSING VERGENCE-CONFLICT ACCOMMODATION IN A DOME-TYPE SIMULATOR**
[54] **PANNEAU DE PROTECTION AJUSTEE POUR RESOUDRE LE CONFIT DE VERGENCE-ACCOMMODATION DANS UN SIMULATEUR EN DOME**
[72] MOISAN, SYLVAIN, CA
[72] GAGNON, MATHIEU, CA
[72] DION, JEAN-SEBASTIEN, CA
[71] CAE INC., CA
[71] CAE INC., CA
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[54] **NUCLEAR DISMANTLING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE DEMONTAGE NUCLEAIRE**
[72] MORIKAWA, DAVID TARO, CA
[72] JOHANNESSON, MARK, CA
[71] ATS AUTOMATION TOOLING SYSTEMS INC., CA
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[54] **STARRY PROJECTION LAMP**
[54] **LAMPE DE PROJECTION A MOTIFS ETOILES**
[72] ZHENG, CAIJIAN, CN
[72] OUYANG, WENZHEN, CN
[71] SHENZHEN SKOE TECHNOLOGY CO., LTD., CN
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[54] **APPARATUS AND METHOD FOR VOLUME REDUCTION FOR NUCLEAR DECOMMISSIONING AND REFURBISHMENT**
[54] **APPAREIL ET METHODE DE REDUCTION DE VOLUME POUR LE DECLASSEMENT NUCLEAIRE ET LE REAMENAGEMENT**
[72] MORIKAWA, DAVID TARO, CA
[72] JOHANNESSON, MARK, CA
[72] WONG, MATTHEW, CA
[71] ATS AUTOMATION TOOLING SYSTEMS INC., CA
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[54] **OPTIMIZING DISTRIBUTED ENERGY RESOURCE VALUE**
[54] **OPTIMISATION DE LA VALEUR D`UNE RESSOURCE D`ENERGIE DISTRIBUEE**
[72] SANTANA, LETICIA, CA
[72] KRISHNAMURTHY, RAJAGOPALAN, US
[71] HYGGE ENERGY INC., US
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[54] **ADJUSTABLE EXERCISE BENCH**
[54] **BANC D`EXERCICE AJUSTABLE**
[72] FENG, LIU, CA
[72] CHAN, CHRISTOPHER, CA
[71] PRO BASE SPORTS DEPOT INC., CA
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[54] **A PIPE INSULATION SPACER SYSTEM**
[54] **SYSTEME D`ENTRETOISE D`ISOLATION DE CONDUITE**
[72] BRIGHAM, GRAHAM, CA
[71] INTEGRITY PRODUCTS AND SUPPLIES INC., CA
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[54] **CONNECTION MEMBER, MOUNTING BRACKET ASSEMBLY, AND WINDOW AIR CONDITIONER ASSEMBLY**
[54] **ELEMENT DE RACCORDEMENT, ENSEMBLE DE SUPPORT DE MONTAGE ET ENSEMBLE DE CONDITIONNEUR D'AIR DE FENETRE**
[72] XING, ZHIGANG, CN
[72] LEI, ZHISHENG, CN
[71] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
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[54] **MOUNTING BRACKET ASSEMBLY AND WINDOW AIR CONDITIONER ASSEMBLY**
[54] **ENSEMBLE DE SUPPORT DE MONTAGE ET ENSEMBLE DE CONDITIONNEUR D'AIR DE FENETRE**
[72] XING, ZHIGANG, CN
[72] LEI, ZHISHENG, CN
[71] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
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[54] **TRAMPOLINE FRAME AND TRAMPOLINE WITH THE TRAMPOLINE FRAME HEREOF**
[54] **STRUCTURE DE TRAMPOLINE ET TRAMPOLINE AVEC LADITE STRUCTURE**
[72] WANG, YONGQI, CN
[72] WANG, JIANWU, CN
[71] WANG, YONGQI, CN
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[54] **1H-PYRAZOLO[4,3-D]PYRIMIDINE COMPOUNDS AS TOLL-LIKE RECEPTOR 7 (TLR7) AGONISTS AND METHODS AND USES THEREFOR**
[54] **COMPOSES DE 1H-PYRAZOLO[4,3-D]PYRIMIDINE UTILISES EN TANT QU'AGONISTES DU RECEPTEUR 7 DE TYPE TOLL (TLR7) ET PROCEDES ET UTILISATIONS ASSOCIES**
[72] POUDEL, YAM B., US
[72] GANGWAR, SANJEEV, US
[72] HE, LIQI, US
[72] SIVAPRAKASAM, PRASANNA, US
[72] BROEKEMA, MATTHIAS, US
[72] CHOWDARI, NAIDU S., US
[72] COX, MATTHEW, US
[72] TARBY, CHRISTINE M., US
[72] ZHANG, QIAN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **GEL TYPE PHARMACEUTICAL COMPOSITION FOR TREATING/PREVENTING AN INFECTION**
[54] **COMPOSITION PHARMACEUTIQUE DE TYPE GEL POUR TRAITER/PREVENIR UNE INFECTION**
[72] MEYER, OLIVIER, FR
[72] REGHAL, AMOKRANE, FR
[71] ATLANGRAM, FR
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[54] **NEUROBLASTOMA TREATMENT WITH TAUROLIDINE HYDROLYSIS PRODUCTS**
[54] **TRAITEMENT DU NEUROBLASTOME AVEC DES PRODUITS D'HYDROLYSE DE TAUROLIDINE**
[72] REIDENBERG, BRUCE, US
[72] DILUCCIO, ROBERT, US
[71] CORMEDIX INC., US
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[54] **COAL MINE ADVANCED DETECTION METHOD FOR HEADING MACHINE**
[54] **METHODE DE DETECTION AVANCEE DE MINE DE CHARBON POUR UNE HAVEUSE**
[72] XU, SHAOYI, CN
[72] ZHU, ZHENCAI, CN
[72] LI, WEI, CN
[72] SUN, YANJING, CN
[72] XING, FANGFANG, CN
[72] XUE, HONGYU, CN
[72] PENG, QIANG, CN
[72] DONG, FENG, CN
[72] CHEN, GUANG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[54] **GONFLEUR AVEC FONCTIONNALITE D'ARRET AUTOMATIQUE**
[72] KONANTAMBIGI, SUNIL, IN
[72] FOWLER, RYAN, ZA
[71] STOPAK INDIA PVT. LTD., IN
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[54] **ENSEMBLES DE CIRCUITS ET LEURS COMPOSANTS D'ENCAPSULATION**
[72] BINSHTOK, RONALD, US
[72] DEHENAU, CARLY J., US
[72] SHORTT, JAMES S., US
[72] MASSENZO, TRISHA, US
[71] WESTROCK MWV, LLC, US
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[25] FR
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[54] **KIT DE FERMENTATION DE LAITS VEGETAUX**
[72] TROPEL, DAVID, FR
[71] BRIN DE FOLI, FR
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[25] EN
[54] **BARRIER FILM AND IMPLEMENTATIONS THEREOF**
[54] **FILM BARRIERE ET MISES EN OEUVRE CONNEXES**
[72] NAIR, HARIHARAN KRISHNAN, IN
[72] POZHAL VENGU, GURUNATH, IN
[71] NAIR, HARIHARAN KRISHNAN, IN
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[25] EN
[54] **CABLE GLAND INCLUDING INTERNAL DAM**
[54] **PRESSE-ETOUPE DE CABLE COMPRENANT UN ELEMENT FORMANT BARRAGE INTERNE**
[72] SCARLATA, ANDREW F., US
[72] FURCO, JOEL, US
[72] PLATT, JOSEPH, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[25] EN
[54] **DRAW-BAR BOX-TYPE QUICKLY FOLDING MICRO ELECTRIC VEHICLE**
[54] **MICRO-VEHICULE ELECTRIQUE A PLIAGE RAPIDE DE TYPE BOITE A BARRE DE TRACTION**
[72] WANG, JIANMIN, CN
[71] SUNTECH UK LIMITED., GB
[71] SUNTECH UK LIMITED., GB
[85] 2021-04-09
[86] 2019-10-08 (PCT/CN2019/109916)
[87] (WO2020/078226)
[30] CN (201811197522.X) 2018-10-15

[21] **3,117,524**
[13] A1
[51] **Int.Cl. B82B 3/00 (2006.01) B82Y 30/00 (2011.01) B82Y 40/00 (2011.01)**
[25] EN
[54] **CONVERGENT NANOFABRICATION & NANOASSEMBLY METHODS, MEANS & APPLICATIONS THEREOF, PRODUCTS & SYSTEMS THEREFROM INCLUDING METHODS AND MEANS FOR CONVERSION OF POLLUTANTS TO USEFUL PRODUCTS**
[54] **PROCEDES DE NANOFABRICATION ET DE NANOASSEMBLAGE CONVERGENTS, MOYENS ET APPLICATIONS ASSOCIES, PRODUITS ET SYSTEMES EMANANT DE CEUX-CI COMPRENANT DES PROCEDES ET DES MOYENS DE CON VERSION DE POLLUANTS EN PRODUITS UTILES**
[72] RABANI, ELI MICHAEL, US
[71] RABANI, ELI MICHAEL, US
[85] 2021-04-22
[86] 2019-10-22 (PCT/US2019/057505)
[87] (WO2020/086632)
[30] US (62/749,117) 2018-10-22

[21] **3,117,739**
[13] A1
[51] **Int.Cl. A23L 29/10 (2016.01) A23L 23/00 (2016.01) A23L 27/00 (2016.01) A23L 27/60 (2016.01) A23L 29/212 (2016.01) A23L 29/219 (2016.01) A23D 7/005 (2006.01) A23D 7/01 (2006.01) A23D 7/015 (2006.01)**
[25] EN
[54] **EMULSIFIED FOOD COMPOSITION**
[54] **COMPOSITION ALIMENTAIRE EMULSIFIEE**
[72] DE FOLTER, JULIUS WOUTER JOHANNES, NL
[72] DE GROOT, PETRUS WILHELMUS N., NL
[72] SILVA PAES, SABRINA, NL
[72] SCHUMM, STEPHAN GEORG, NL
[71] UNILEVER IP HOLDINGS B.V., NL
[85] 2021-04-26
[86] 2019-10-24 (PCT/EP2019/078993)
[87] (WO2020/099089)
[30] EP (18205808.1) 2018-11-13

[21] **3,117,764**
[13] A1
[51] **Int.Cl. H01M 4/04 (2006.01) H01M 4/134 (2010.01) H01M 4/1395 (2010.01) H01M 10/0525 (2010.01) H01M 4/02 (2006.01) H01M 4/62 (2006.01)**
[25] EN
[54] **SILICON-CARBON COMPOSITE ANODE MATERIAL**
[54] **MATERIAU D'ANODE COMPOSITE SILICIUM-CARBONE**
[72] ESHRAGHI, NICOLAS, BE
[72] MAHMOUD, ABDELFATTAH, BE
[72] BOSCHINI, FREDERIC, BE
[72] CLOOTS, RUDI, BE
[71] UNIVERSITE DE LIEGE, BE
[85] 2021-04-26
[86] 2019-11-14 (PCT/EP2019/081384)
[87] (WO2020/099589)
[30] EP (18206277.8) 2018-11-14

[21] **3,118,743**
[13] A1
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 51/08 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **RADIOLABELED BOMBESIN-DERIVED COMPOUNDS FOR IN VIVO IMAGING OF GASTRIN-RELEASING PEPTIDE RECEPTOR (GRPR) AND TREATMENT OF GRPR-RELATED DISORDERS**
[54] **COMPOSES RADIOMARQUES DERIVES DE LA BOMBESINE POUR L'IMAGERIE IN VIVO DU RECEPTEUR DU PEPTIDE LIBERANT DE LA GASTRINE (GRPR) ET TRAITEMENT DES TROUBLES LIES AU GRPR**
[72] BENARD, FRANCOIS, CA
[72] LIN, KUO-SHYAN, CA
[72] ROUSSEAU, ETIENNE, CA
[72] ZHANG, ZHENGXING, CA
[72] LAU, JOSEPH, CA
[72] BRATANOVIC, IVICA, CA
[72] ZEISLER, JUTTA, CA
[71] PROVINCIAL HEALTH SERVICES AUTHORITY, CA
[85] 2021-05-05
[86] 2019-11-13 (PCT/CA2019/051620)
[87] (WO2021/068051)
[30] US (62/760,857) 2018-11-13

[21] **3,118,746**
[13] A1
[51] **Int.Cl. B32B 7/12 (2006.01) B29C 49/04 (2006.01) B65D 81/28 (2006.01)**
[25] EN
[54] **BLOWN FILM MATERIALS AND PROCESSES FOR MANUFACTURING THEREOF AND USES THEREOF**
[54] **MATERIAUX POUR FILMS SOUFFLES ET PROCESSUS POUR LEUR FABRICATION ET LEURS UTILISATIONS**
[72] BELIAS, WILLIAM P., US
[72] THOMAS, TOBY R., US
[71] SOFRESH, INC., US
[85] 2021-05-04
[86] 2019-11-06 (PCT/US2019/060135)
[87] (WO2020/097247)
[30] US (62/758,012) 2018-11-09

[21] **3,118,754**
[13] A1
[51] **Int.Cl. A61K 47/40 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61K 47/04 (2006.01)**
[25] EN
[54] **CANNABINOID COMPOSITIONS WITH HIGH SOLUBILITY AND BIOAVAILABILTY**
[54] **COMPOSITIONS DE CANNABINOIDE A SOLUBILITE ET BIODISPONIBILITE ELEVEES**
[72] PISAK, MEHMET NEVZAT, TR
[71] PISAK, MEHMET NEVZAT, TR
[85] 2021-05-03
[86] 2019-12-16 (PCT/IB2019/060850)
[87] (3118754)

[21] **3,119,095**
[13] A1
[51] **Int.Cl. A61K 47/12 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01)**
[25] EN
[54] **CANNABINOID COMPOSITIONS WITH HIGH SOLUBILITY AND BIOAVAILABILITY**
[54] **COMPOSITIONS DE CANNABINOIDE A SOLUBILITE ET BIODISPONIBILITE ELEVEES**
[72] PISAK, MEHMET NEVZAT, TR
[71] PISAK, MEHMET NEVZAT, TR
[85] 2021-05-18
[86] 2020-11-19 (PCT/IB2020/060914)
[87] (3119095)
[30] IB (PCT/IB2019/060850) 2019-12-16

[21] **3,119,623**
[13] A1
[51] **Int.Cl. G01N 1/00 (2006.01) G01N 25/00 (2006.01)**
[25] EN
[54] **WORLD-TO-CHIP AUTOMATED INTERFACE FOR CENTRIFUGAL MICROFLUIDIC PLATFORMS**
[54] **INTERFACE AUTOMATISEE MONDE/PUCE POUR PLATEFORMES MICROFLUIDIQUES CENTRIFUGES**
[72] CLIME, LIVIU, CA
[72] MORTON, KEITH, CA
[72] BRASSARD, DANIEL, CA
[72] GEISSLER, MATTHIAS, CA
[72] DAOUD, JAMAL, CA
[72] HEBERT, HAROLD, CA
[72] VERES, TEODOR, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2021-05-11
[86] 2019-11-12 (PCT/IB2019/059715)
[87] (WO2020/100039)

[21] **3,119,631**
[13] A1
[51] **Int.Cl. C12N 9/24 (2006.01) C12N 1/18 (2006.01) C12P 7/06 (2006.01)**
[25] EN
[54] **COMBINED EXPRESSION OF TREHALOSE PRODUCING AND TREHALOSE DEGRADING ENZYMES**
[54] **EXPRESSION COMBINEE D'ENZYMES PRODUISANT LE TREHALOSE ET DEGRADANT LE TREHALOSE**
[72] BARRETT, TRISHA, US
[72] SKINNER, RYAN, US
[72] ARGYROS, AARON, US
[71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU
[85] 2021-05-11
[86] 2019-11-13 (PCT/IB2019/059751)
[87] (WO2020/100062)
[30] US (62/760,649) 2018-11-13

[21] **3,119,951**
[13] A1
[25] EN
[54] **DEHUMIDIFIER**
[54]
[72] XING, ZHIGANG, CN
[72] LI, WEIMING, CN
[71] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
[85] 2021-05-27
[86] 2020-04-13 (PCT/CN2020/084375)
[87] (3119951)
[30] CN (201911218982.0) 2019-11-29
[30] CN (201922132775.5) 2019-11-29

[21] **3,120,304**
[13] A1
[51] **Int.Cl. F16B 31/02 (2006.01) G01L 5/24 (2006.01)**
[25] EN
[54] **FLANGE BOLTING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE BOULONNAGE DE BRIDE**
[72] RICHARDSON, JORDAN DAVID, US
[72] WALLACE, IVAN WAYNE, US
[71] APPLIED BOLTING TECHNOLOGY, US
[85] 2021-05-17
[86] 2020-01-06 (PCT/US2020/012334)
[87] (WO2020/146243)
[30] US (62/789,732) 2019-01-08

[21] **3,120,309**
[13] A1
[51] **Int.Cl. D21H 17/28 (2006.01) D21H 17/29 (2006.01) D21H 17/36 (2006.01) D21H 19/54 (2006.01) D21H 19/56 (2006.01) D21H 19/58 (2006.01)**
[25] EN
[54] **PAPER COATING COMPOSITION WITH HIGHLY MODIFIED STARCHES**
[54] **COMPOSITION DE COUCHAGE DE PAPIER COMPORTANT DES AMIDONS HAUTEMENT MODIFIES**
[72] FERNANDEZ, JOSEPH M., US
[72] RAJBANSHI, ARBIN, US
[72] WANG, QI, US
[71] SAPPI NORTH AMERICA, INC., US
[85] 2021-05-17
[86] 2019-12-13 (PCT/US2019/066217)
[87] (WO2020/123934)
[30] US (16/221,108) 2018-12-14

[21] **3,120,312**
[13] A1
[51] **Int.Cl. B60P 1/48 (2006.01) B60P 1/64 (2006.01)**
[25] EN
[54] **LOADING ARM ARRANGEMENT FOR A SWAP BODY VEHICLE FOR LOADING TRANSPORT CONTAINERS WITH A HOOK**
[54] **ENSEMBLE DE BRAS DE CHARGEMENT POUR UN VEHICULE EQUIPE D'UN BRAS ELEVATEUR POUR LE CHARGEMENT DE CONTENEURS DE TRANSPORT COMPRENANT UN CROCHET**
[72] NEWSTEAD, MICHAEL, AU
[72] BROWNE, JAMES, AU
[72] FIORINOTTO, OSCAR, AU
[71] THE DYNAMIC ENGINEERING SOLUTION PTY LTD, AU
[85] 2021-05-18
[86] 2019-06-05 (PCT/EP2019/064641)
[87] (WO2020/104077)
[30] DE (10 2018 129 146.9) 2018-11-20

[21] **3,120,451**
[13] A1
[51] **Int.Cl. C07H 17/04 (2006.01) A61K 31/08 (2006.01) A61K 31/40 (2006.01) A61K 31/702 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **STABLE VACCINE AGAINST CLOSTRIDIUM DIFFICILE**
[54] **VACCIN STABLE DIRIGE CONTRE CLOSTRIDIUM DIFFICILE**
[72] EMMADI, MADHU, DE
[72] LISBOA, MARILDA P, DE
[72] KNOPP, DANIEL, DE
[72] MONNANDA, BOPANNA, DE
[72] VON BONIN, ARNE, CH
[72] PEREIRA, CLANEY LEBEV, DE
[71] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2021-05-19
[86] 2019-11-22 (PCT/EP2019/082331)
[87] (WO2020/104697)
[30] EP (18207920.2) 2018-11-22

[21] **3,120,459**
[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/29 (2006.01) A61F 2/24 (2006.01) A61F 2/95 (2013.01) A61B 17/00 (2006.01)**
[25] EN
[54] **DEVICE FOR HEART REPAIR**
[54] **DISPOSITIF POUR REPARATION CARDIAQUE**
[72] HIORTH, NIKOLAI, NO
[72] HIORTH, HANS EMIL, NO
[71] CARDIOMECH AS, NO
[85] 2021-05-19
[86] 2019-11-29 (PCT/EP2019/083170)
[87] (WO2020/109599)
[30] GB (1819480.3) 2018-11-29
[30] GB (1819489.4) 2018-11-29
[30] GB (1819484.5) 2018-11-29
[30] GB (1819490.2) 2018-11-29
[30] GB (1820258.0) 2018-12-12
[30] GB (1820990.8) 2018-12-21
[30] GB (1904688.7) 2019-04-03
[30] GB (1907110.9) 2019-05-20
[30] GB (1911817.3) 2019-08-16
[30] GB (1911812.4) 2019-08-16
[30] GB (1913057.4) 2019-09-10
[30] GB (1913360.2) 2019-09-16

[21] **3,120,462**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/04 (2006.01) A61B 17/29 (2006.01) A61B 90/00 (2016.01) A61B 17/00 (2006.01)**
[25] EN
[54] **DEVICE FOR HEART REPAIR**
[54] **DISPOSITIF DE REPARATION CARDIAQUE**
[72] HIORTH, NIKOLAI, NO
[72] HIORTH, HANS EMIL, NO
[71] CARDIOMECH AS, NO
[85] 2021-05-19
[86] 2019-11-29 (PCT/EP2019/083135)
[87] (WO2020/109576)
[30] GB (1819480.3) 2018-11-29
[30] GB (1819489.4) 2018-11-29
[30] GB (1819484.5) 2018-11-29
[30] GB (1819490.2) 2018-11-29
[30] GB (1820258.0) 2018-12-12
[30] GB (1820990.8) 2018-12-21
[30] GB (1904688.7) 2019-04-03
[30] GB (1907110.9) 2019-05-20
[30] GB (1911817.3) 2019-08-16
[30] GB (1911812.4) 2019-08-16
[30] GB (1913057.4) 2019-09-10
[30] GB (1913360.2) 2019-09-16

[21] **3,120,465**
[13] A1
[51] **Int.Cl. A61B 5/053 (2021.01) A61B 5/145 (2006.01)**
[25] EN
[54] **SKIN SODIUM MEASUREMENT USING BIOIMPEDANCE**
[54] **MESURE DU SODIUM DE LA PEAU AU MOYEN D'UNE BIO-IMPEDANCE**
[72] ZHU, FANSAN, US
[72] KOTANKO, PETER, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2021-05-18
[86] 2019-12-12 (PCT/US2019/065949)
[87] (WO2020/131562)
[30] US (62/783,581) 2018-12-21

[21] **3,120,467**
[13] A1
[51] **Int.Cl. B01F 5/06 (2006.01) B82Y 30/00 (2011.01) B01F 3/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE TREATMENT OF MATERIALS**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE MATERIAUX**
[72] MUNOZ GUIJOSA, JUAN MANUEL, ES
[72] FERNANDEZ ZAPICO, GUILLERMO, ES
[71] UNIVERSIDAD POLITECNICA DE MADRID, ES
[85] 2021-05-19
[86] 2019-11-19 (PCT/ES2019/070789)
[87] (WO2020/104721)
[30] ES (P201831123) 2018-11-20

[21] **3,120,471**
[13] A1
[51] **Int.Cl. H04W 4/90 (2018.01) H04W 84/04 (2009.01) H04W 84/12 (2009.01) H04W 92/04 (2009.01) H04W 76/50 (2018.01) H04L 29/08 (2006.01) H04W 8/24 (2009.01) H04W 12/06 (2021.01) H04W 80/10 (2009.01) H04W 88/06 (2009.01) H04W 88/08 (2009.01) H04W 88/14 (2009.01) H04W 92/02 (2009.01) H04W 92/10 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SUPPORTED EXTENDED EMERGENCY INFORMATION TYPE**
[54] **TYPE D'INFORMATION D'URGENCE ETENDUE PRIS EN CHARGE**
[72] BUCKLEY, ADRIAN, CA
[72] YOUNG, GORDON PETER, CA
[72] MONTEMURRO, MICHAEL PETER, CA
[72] BAKKER, JAN HENDRIK LUCAS, CA
[72] MCCANN, STEPHEN, CA
[71] BLACKBERRY LIMITED, CA
[85] 2021-05-19
[86] 2020-02-19 (PCT/EP2020/054398)
[87] (WO2020/221486)
[30] US (16/397,606) 2019-04-29

[21] **3,120,476**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **LEUCOCYTE IMMUNOGLOBULIN-LIKE RECEPTOR NEUTRALIZING ANTIBODIES**
[54] **ANTICORPS NEUTRALISANT LE RECEPTEUR DE TYPE IMMUNOGLOBULINE DES LEUCOCYTES**
[72] BENAC, OLIVIER, FR
[72] CHANTEUX, STEPHANIE, FR
[72] PERROT, IVAN, FR
[72] ROSSI, BENJAMIN, FR
[72] VIAUD, NICOLAS, FR
[71] INNATE PHARMA, FR
[85] 2021-05-19
[86] 2019-12-20 (PCT/EP2019/086858)
[87] (WO2020/136145)
[30] US (62/784,862) 2018-12-26

[21] **3,120,481**
[13] A1
[51] **Int.Cl. C05C 1/00 (2006.01) C05G 3/90 (2020.01) C05C 5/04 (2006.01) C05C 7/00 (2006.01) C05C 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR OBTAINING A FERTILIZER COMPOSITION COMPRISING A DMPSA NITRIFICATION INHIBITOR VIA ADDING DMPSA OR THE SALTS THEREOF INTO THE FERTILIZER MELT**
[54] **PROCEDE D'OBTENTION D'UNE COMPOSITION D'ENGRAIS COMPRENANT UN INHIBITEUR DE NITRIFICATION AU DMPSA PAR AJOUT DE DMPSA OU DE SES SELS DANS LA MASSE FONDUE D'ENGRAIS**
[72] STAAL, MAARTEN, DE
[72] THIEL, UWE, DE
[72] SCHMID, MARKUS, DE
[72] ZERULLA, WOLFRAM, DE
[72] PASDA, GREGOR, DE
[72] SCHNEIDER, KARL-HEINRICH, DE
[72] FROEHLING, PETER, DE
[71] BASF SE, DE
[85] 2021-05-19
[86] 2019-12-20 (PCT/EP2019/086526)
[87] (WO2020/127870)
[30] EP (18215085.4) 2018-12-21

[21] **3,120,484**
[13] A1
[51] **Int.Cl. A01K 1/00 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MONITORING THE STATUS OF A LIVESTOCK FACILITY**
[54] **DISPOSITIF DE SURVEILLANCE DE L'ETAT D'UNE INSTALLATION D'ELEVAGE**
[72] BERCKMANS, DRIES, BE
[72] CUI, ZHAO YING, BE
[71] SOUNDTALKS NV, BE
[85] 2021-05-19
[86] 2019-12-18 (PCT/EP2019/085896)
[87] (WO2020/127448)
[30] BE (BE2018/5898) 2018-12-18

[21] **3,120,486**
[13] A1
[51] **Int.Cl. C12N 7/00 (2006.01) A61K 48/00 (2006.01) C12N 15/867 (2006.01)**
[25] EN
[54] **VIRAL TRANSDUCTION USING POLOXAMINES**
[54] **TRANSDUCTION VIRALE A L'AIDE DE POLOXAMINES**
[72] THIRION, CHRISTIAN, DE
[72] HASENODER, STEFAN, DE
[72] SCHRODEL, SILKE, DE
[71] SIRION BIOTECH GMBH, DE
[85] 2021-05-19
[86] 2019-12-04 (PCT/EP2019/083637)
[87] (WO2020/115114)
[30] EP (18210207.9) 2018-12-04

[21] **3,120,491**
[13] A1
[51] **Int.Cl. A61G 7/08 (2006.01)**
[25] FR
[54] **REMOVABLE ELECTRIC PROPULSION SYSTEM FOR A ROLLING OBJECT, IN PARTICULAR A BED**
[54] **SYSTEME DE PROPULSION ELECTRIQUE AMOVIBLE POUR UN OBJET ROULANT, NOTAMMENT UN LIT**
[72] VENTURI, STEPHANE, FR
[72] LECOINTE, BERTRAND, FR
[72] DEBAIN, SANDRINE, FR
[72] SANZ, ELENA, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2021-05-19
[86] 2019-12-03 (PCT/EP2019/083427)
[87] (WO2020/126458)
[30] FR (FR1873165) 2018-12-18

[21] **3,120,495**
[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/29 (2006.01) A61F 2/24 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **DEVICE FOR HEART REPAIR**
[54] **DISPOSITIF POUR REPARATION CARDIAQUE**
[72] HIORTH, NIKOLAI, NO
[72] HIORTH, HANS EMIL, NO
[72] BLIX, JOHN B., US
[71] CARDIOMECH AS, NO
[85] 2021-05-19
[86] 2019-11-29 (PCT/EP2019/083164)
[87] (WO2020/109596)
[30] GB (1819480.3) 2018-11-29
[30] GB (1819489.4) 2018-11-29
[30] GB (1819484.5) 2018-11-29
[30] GB (1819490.2) 2018-11-29
[30] GB (1820258.0) 2018-12-12
[30] GB (1820990.8) 2018-12-21
[30] GB (1904688.7) 2019-04-03
[30] GB (1907110.9) 2019-05-20
[30] GB (1911817.3) 2019-08-16
[30] GB (1911812.4) 2019-08-16
[30] GB (1913057.4) 2019-09-10
[30] GB (1913360.2) 2019-09-16

[21] **3,120,498**
[13] A1
[51] **Int.Cl. G01S 7/40 (2006.01)**
[25] EN
[54] **VEHICLE ODOMETRY AND MOTION DIRECTION DETERMINATION**
[54] **ODOMETRIE POUR VEHICULE ET DETERMINATION DE DIRECTION DE MOUVEMENT**
[72] GREEN, ALON, CA
[72] DE-THOMASIS, MARCO, CA
[71] THALES CANADA INC., CA
[85] 2021-05-19
[86] 2019-12-16 (PCT/IB2019/060865)
[87] (WO2020/121286)
[30] US (62/779,949) 2018-12-14

[21] **3,120,502**
[13] A1
[51] **Int.Cl. G01S 5/00 (2006.01) B61L 23/06 (2006.01) B61L 23/34 (2006.01) B61L 25/02 (2006.01) G01S 13/74 (2006.01) G01S 13/76 (2006.01) G01S 13/93 (2020.01)**
[25] EN
[54] **RAIL VEHICLE OBSTACLE AVOIDANCE AND VEHICLE LOCALIZATION**
[54] **EVITEMENT D'OBSTACLES DE VEHICULE FERROVIAIRE ET LOCALISATION DE VEHICULE**
[72] GREEN, ALON, CA
[72] TOBIN, KEVIN, CA
[72] DE-THOMASIS, MARCO, CA
[71] THALES CANADA INC., CA
[85] 2021-05-19
[86] 2019-12-13 (PCT/IB2019/060800)
[87] (WO2020/121281)
[30] US (62/779,969) 2018-12-14

[21] **3,120,506**
[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01) A61F 2/14 (2006.01) A61F 11/04 (2006.01) A61M 1/30 (2006.01) G02B 5/00 (2006.01) G02B 26/00 (2006.01) G02B 26/02 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **LIGHT CONTROL DEVICES AND METHODS FOR REGIONAL VARIATION OF VISUAL INFORMATION AND SAMPLING**
[54] **DISPOSITIFS DE COMMANDE DE LUMIERE ET PROCEDES DE VARIATION REGIONALE D'INFORMATIONS VISUELLES ET D'ECHANTILLONNAGE**
[72] SERDAREVIC, OLIVIA, US
[72] YAVITZ, EDWARD, US
[71] APERTURE IN MOTION, LLC, US
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[54] **TEMPERATURE MEASUREMENT SYSTEM FOR BLANK MOLDS IN GLASSWARE FORMING MACHINES**
[54] **SYSTEME DE MESURE DE TEMPERATURE POUR MOULES EBAUCHEURS DANS DES MACHINES DE FORMATION DE VERRERIE**
[72] THACKER, MICHAEL S., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2021-05-19
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[54] **DETECTION SYSTEMS AND METHODS FOR MEDICAL DEVICES**
[54] **SYSTEMES ET PROCEDES DE DETECTION DESTINES A DES DISPOSITIFS MEDICAUX**
[72] SIPPLE, DANIEL, US
[72] NORLING, BRIAN L., US
[71] ACIES MEDICAL LLC, US
[85] 2021-05-19
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[54] **RIGID POLYURETHANE FOAMS COMPRISING A SILOXANE RICH NUCLEATING AGENT**
[54] **MOUSSES RIGIDES DE POLYURETHANE COMPRENANT UN AGENT DE NUCLEATION RICHE EN SILOXANE**
[72] CHAFFANJON, PIERRE, DE
[72] BEREZHANSKYY, YEVGEN, US
[72] HEEDFELD, ROBIN, DE
[71] MOMENTIVE PERFORMANCE MATERIALS INC., US
[85] 2021-05-19
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[54] **USE OF NATURAL-ABUNDANCE STABLE ISOTOPES AND DNA GENOTYPING FOR IDENTIFYING BIOLOGICAL PRODUCTS**
[54] **UTILISATION D'ISOTOPES STABLES D'ABONDANCE NATURELLE ET DE GENOTYPAGE D'ADN POUR IDENTIFIER DES PRODUITS BIOLOGIQUES**
[72] JASPER, JOHN P., US
[71] ORITAIN GLOBAL LIMITED, NZ
[85] 2021-05-19
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[54] **INJECTION MOLD DIRECTING CLAMPING LOAD THROUGH MOLD STACKS**
[54] **MOULE D'INJECTION DIRIGEANT UNE CHARGE DE SERRAGE A TRAVERS DES EMPILEMENTS DE MOULES**
[72] BRADSHAW, MAXFIELD PAUL, CA
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2021-05-20
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[30] US (62/778,028) 2018-12-11
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[54] **SIGNALING A SUBSET OF CORESETS SELECTED IN COT**
[54] **SIGNALISATION D'UN SOUS-ENSEMBLE D'ENSEMBLES DE RESSOURCES DE COMMANDE SELECTIONNES DANS UN COT**
[72] ZHOU, YAN, US
[72] LUO, TAO, US
[72] NAM, WOOSEOK, US
[72] JOHN WILSON, MAKESH PRAVIN, US
[72] CHENDAMARAI KANNAN, ARUMUGAM, US
[72] ZHANG, XIAOXIA, US
[72] SUN, JING, US
[72] YERRAMALLI, SRINIVAS, US
[71] QUALCOMM INCORPORATED, US
[85] 2021-05-20
[86] 2019-10-25 (PCT/US2019/058214)
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[54] **METHODS FOR TREATING ACUTE HCV**
[54] **METHODES POUR LE TRAITEMENT DU VHC AIGU**
[72] MATTHEWS, GAIL, AU
[72] NELSON, MARK, GB
[72] TATSCH, FERNANDO FRANCIOSI, US
[72] PIRES DOS SANTOS, ANA GABRIELA, US
[72] DORE, GREGORY, AU
[71] ABBVIE INC., US
[71] THE CHELSEA AND WESTMINSTER HOSPITAL NHS FOUNDATION TRUST, GB
[71] NEWSOUTH INNOVATIONS PTY LIMITED, AU
[85] 2021-05-20
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[25] EN
[54] **METHOD AND SYSTEM FOR CHARACTERIZING AND CONTROLLING A DISTRIBUTION NETWORK**
[54] **PROCEDE ET SYSTEME DE CARACTERISATION ET DE COMMANDE D'UN RESEAU DE DISTRIBUTION D'ELECTRICITE**
[72] METCALFE, MALCOLM STUART, CA
[72] YOUNG, ERIC, CA
[72] SANKEY, JOHN TODD, CA
[72] NOWAK, SEVERIN, CA
[71] 1266638 B.C. UNLIMITED LIABILITY COMPANY, CA
[85] 2021-03-17
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[25] EN
[54] **CARBON NANOMATERIAL FOR USE AS A CATALYST**
[54] **NANOMATERIAU DE CARBONE DESTINE A ETRE UTILISE EN TANT QUE CATALYSEUR**
[72] KRUUSENBERG, IVAR, EE
[72] VOLPERTS, ALEKSANDRS, EE
[72] ZURINS, AIVARS, EE
[72] DOBELE, GALINA, EE
[71] UNIVERSITY OF TARTU, EE
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[54] **ELECTROCHEMICAL DEVICE FOR PURIFYING A FLUID, IN PARTICULAR WASTE WATER**
[54] **DISPOSITIF DE PURIFICATION D'UN FLUIDE, NOTAMMENT D'EAUX USEES**
[72] RAFFY, STEPHANE, FR
[72] BOUSSANT-ROUX, YVES MARCEL LEON, FR
[72] SALLES, CORINNE, FR
[72] AUBERT, BRICE, FR
[71] SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN, FR
[85] 2021-05-21
[86] 2019-12-05 (PCT/FR2019/052944)
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[25] EN
[54] **OXYNTOMODULIN PEPTIDE ANALOG FORMULATIONS**
[54] **FORMULATIONS D'ANALOGUES PEPTIDIQUES D'OXYNTOMODULINE**
[72] CONNOP, BRUCE PETER, CA
[72] SPENCER, DOROTHY MELISSA LYNN, CA
[72] SINGH, JAGATRAJ, CA
[72] KERKOW, DONALD EDMUND, US
[72] BUCZEK, PAWEL DOMINIK, US
[72] HALBLEIB, CALE MICHAEL, US
[71] EIRGEN PHARMA LTD., AF
[85] 2021-05-21
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[54] **ENDODONTIC FILE CLIP FOR AN APEX LOCATOR**
[54] **ATTACHE DE LIME ENDODONTIQUE POUR REPERE APICAL**
[72] PFLEIDERER, MARTIN, CH
[71] DENTSPLY SIRONA INC., US
[71] SIRONA DENTAL SYSTEMS GMBH, DE
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[25] EN
[54] **NOVEL FISH TOTIVIRUS**
[54] **NOUVEAU TOTIVIRUS DE POISSON**
[72] NYLUND, STIAN, NO
[72] SANDLUND, LIV, NO
[72] OKLAND, ARNFINN L., NO
[71] PHARMAQ AS, NO
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[86] 2020-02-04 (PCT/EP2020/052683)
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[54] **BTLA ANTIBODIES**
[54] **ANTICORPS BTLA**
[72] DAVIS, SIMON JOHN, GB
[72] CORNALL, RICHARD JOHN, GB
[72] PALUCH, CHRISTOPHER DOUGLAS, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[71] MIROBIO LIMITED, GB
[85] 2021-05-21
[86] 2019-12-17 (PCT/GB2019/053569)
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[25] EN
[54] **HEAD MOUNTED DISPLAY SYSTEM**
[54] **SYSTEME DE VISIOCASQUE**
[72] NICHOLS, MARK, GB
[72] JONES, OWEN EDWARD, GB
[72] FORRESTER, DANIEL MARTYN, GB
[72] JORDAN, DEREK RON, GB
[71] BAE SYSTEMS PLC, GB
[85] 2021-05-21
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[51] **Int.Cl. E21B 36/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **FLUID HEATER AND ASSOCIATED METHODS**
[54] **DISPOSITIF DE CHAUFFAGE DE FLUIDE ET PROCEDES ASSOCIES**
[72] MCNAY, GRAEME WILLIAM, GB
[71] CAVITAS ENERGY LTD, GB
[85] 2021-05-21
[86] 2019-11-22 (PCT/GB2019/053313)
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[54] **SINGLE-USE CASSETTE ASSEMBLY**
[54] **ENSEMBLE CASSETTE A USAGE UNIQUE**
[72] GRANT, DAVID, GB
[72] LAUNOIS, PASCAL, IE
[72] COYNE, JOSHUA, IE
[72] RYAN, OWEN, IE
[71] ENESI PHARMA LIMITED, GB
[85] 2021-05-21
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[54] **PET FOOD COMPOSITION COMPRISING INSOLUBLE FIBERS COMPRISING LIGNIN, POLYPHENOL SOURCE, SOLUBLE FIBER SOURCE**
[54] **COMPOSITION ALIMENTAIRE POUR ANIMAUX DE COMPAGNIE COMPRENANT DES FIBRES INSOLUBLES COMPRENANT DE LA LIGNINE, UNE SOURCE DE POLYPHENOL, ET UNE SOURCE DE FIBRES SOLUBLES**
[72] JACKSON, MATTHEW, US
[72] JEWELL, DENNIS, US
[71] HILL'S PET NUTRITION, INC., US
[85] 2021-05-21
[86] 2018-12-17 (PCT/US2018/065978)
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[54] **PROVIDING MOST RECENT APPLICATION VIEWS FROM USER DEVICES**
[54] **FOURNITURE DE VUES D'APPLICATION LES PLUS RECENTES A PARTIR DE DISPOSITIFS UTILISATEURS**
[72] WALKER, JAMES ROBERT, US
[71] CITRIX SYSTEMS, INC., US
[85] 2021-05-21
[86] 2019-11-19 (PCT/US2019/062142)
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[54] **WEBBED IDLER WHEEL ASSEMBLY FOR TRACKED MACHINES**
[54] **ENSEMBLE ROUE DE RENVOI A SANGLE POUR MACHINES SUR CHENILLES**
[72] PREST, PAUL, US
[72] JONES, BENJAMIN I., US
[71] CATERPILLAR INC., US
[85] 2021-05-21
[86] 2019-11-08 (PCT/US2019/060384)
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[25] EN
[54] **SYSTEMS AND METHODS FOR OBTAINING REAL-TIME ABRASION DATA**
[54] **SYSTEMES ET PROCEDES D'OBTENTION DE DONNEES D'ABRASION EN TEMPS REEL**
[72] MILLOT, PATRICK, US
[72] ARCONA, CHRISTOPHER, US
[72] OLIVEIRA, JOAO FERNANDO G., US
[72] SULLIVAN, JOSEPH P., US
[72] TANIKELLA, BRAHMANANDAM V., US
[72] TADEPALLI, RAJAPPA, US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2021-05-21
[86] 2019-11-21 (PCT/US2019/062617)
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[30] US (62/770,394) 2018-11-21
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[25] EN
[54] **PROTECTIVE RECREATIONAL SPORTS HELMET WITH COMPONENTS ADDITIVELY MANUFACTURED TO MANAGE IMPACT FORCES**
[54] **CASQUE DE SPORT RECREATIF DE PROTECTION AVEC DES COMPOSANTS FABRIQUES DE FACON ADDITIVE POUR GERER DES FORCES D'IMPACT**
[72] BOLOGNA, VITTORIO, US
[72] GILLOGLY, MURPHY, US
[72] IDE, THAD M., US
[71] RIDDELL, INC., US
[85] 2021-05-21
[86] 2019-11-21 (PCT/US2019/062700)
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[30] US (62/778,559) 2018-12-12
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[54] **WELDABLE, FULLY ADHERED WATERPROOFING MEMBRANE SYSTEM FOR BLINDSIDE WATERPROOFING APPLICATIONS**
[54] **SYSTEME A MEMBRANE D'IMPERMEABILISATION SOUDABLE ENTIEREMENT ADHERE POUR APPLICATIONS D'IMPERMEABILISATION A L'AVEUGLETTE**
[72] LEDFORD, JOHN, US
[72] GISH, BRIAN, US
[72] VINSON, ROSS, US
[72] VITALE, TONY, US
[72] DIGIOVANNI, PETER, US
[72] TEPERA, JUSTIN, US
[72] VELTEN, STEVE, US
[71] CARLISLE CONSTRUCTION MATERIALS, LLC, US
[85] 2021-05-21
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[51] **Int.Cl. C12Q 1/68 (2018.01) A01N 25/00 (2006.01) A61K 47/00 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CASTRATION-RESISTANT AND CASTRATION- SENSITIVE PROSTATE CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER DE LA PROSTATE RESISTANT A LA CASTRATION ET SENSIBLE A LA CASTRATION**
[72] WARNER, STEVEN L., US
[72] BEARSS, DAVID J., US
[72] ANTHONY, STEPHEN PATRICK, US
[72] MCCULLAR, MICHAEL VINCENT, US
[71] SUMITOMO DAINIPPON PHARMA ONCOLOGY, INC., US
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[30] US (62/776,985) 2018-12-07
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[54] **NEUROACTIVE STEROIDS AND THEIR METHODS OF USE**
[54] **STEROIDES NEUROACTIFS ET LEURS PROCEDES D'UTILISATION**
[72] BLANCO-PILLADO, MARIA JESUS, US
[72] SALITURO, FRANCESCO G., US
[72] MORINGSTAR, MARSHALL LEE, US
[71] SAGE THERAPEUTICS, INC., US
[85] 2021-05-21
[86] 2019-12-05 (PCT/US2019/064692)
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[30] US (62/775,470) 2018-12-05

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[25] EN
[54] **SPHERICAL NIOBIUM ALLOY POWDER, PRODUCTS CONTAINING THE SAME, AND METHODS OF MAKING THE SAME**
[54] **POUDRE DE D'ALLIAGE DE NIOBIUM SPHERIQUE, PRODUITS LE CONTENANT, ET SES PROCEDES DE PRODUCTION**
[72] SUNGAIL, CRAIG M., US
[72] ABID, AAMIR DAWOOD, US
[71] GLOBAL ADVANCED METALS USA, INC., US
[85] 2021-05-21
[86] 2019-12-06 (PCT/US2019/064810)
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[30] US (62/778,377) 2018-12-12

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[51] **Int.Cl. H01M 4/134 (2010.01) H01M 4/1395 (2010.01) H01M 10/0525 (2010.01) H01M 4/36 (2006.01) H01M 4/38 (2006.01) H01M 4/62 (2006.01)**
[25] EN
[54] **ELECTROCHEMICALLY ACTIVE DISPERSIONS AND COMPOSITES FOR RECHARGEABLE BATTERY ANODES**
[54] **DISPERSIONS ET COMPOSITES ACTIFS ELECTROCHIMIQUEMENT POUR ANODES DE BATTERIE RECHARGEABLE**
[72] OBROVAC, MARK, CA
[72] CAO, YIDAN, CA
[72] WANG, JUN, CA
[71] NOVONIX BATTERY TESTING SERVICES INC., CA
[85] 2021-05-22
[86] 2019-12-06 (PCT/US2019/064956)
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[30] US (62/782,008) 2018-12-19

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[51] **Int.Cl. E05B 65/44 (2006.01) A47B 88/00 (2017.01) E05B 65/46 (2017.01) E05C 1/14 (2006.01)**
[25] EN
[54] **LATCHING MECHANISM**
[54] **MECANISME DE VERROUILLAGE**
[72] HUGGAN, BRETT, AU
[71] HUGGAN CO PTY LTD, AU
[85] 2021-05-25
[86] 2019-11-20 (PCT/AU2019/051278)
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[30] AU (2018904465) 2018-11-22

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[13] A1
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[54] **DENDRIMER FOR THERAPY AND IMAGING**
[54] **DENDRIMERE POUR THERAPIE ET IMAGERIE**
[72] OWEN, DAVID JAMES, AU
[72] HUFTON, RICHARD, AU
[72] THURECHT, KRISTOFER JAMES, AU
[71] STARPHARMA PTY LTD, AU
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[54] **ELECTROMAGNETIC HYDROCARBON DEPOLYMERIZATION PROCESS**
[54] **PROCEDE ELECTROMAGNETIQUE DE DEPOLYMERISATION D'HYDROCARBURES**
[72] CHALIFOUX, GILBERT A., CA
[72] BERRY, DAVID ALLEN, US
[72] EBERTH, E. GORDON, CA
[71] QUANTEX RESEARCH CORPORTION, CA
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[30] US (62/771,657) 2018-11-27

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[54] **DUAL ENDED DISINFECTING CAP FOR STOPCOCK VALVES**
[54] **CAPUCHON DE DESINFECTION A DEUX EXTREMITES POUR ROBINETS D'ARRET**
[72] COYLE, SEAN, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2021-05-25
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[30] US (62/773,568) 2018-11-30

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[51] **Int.Cl. D21C 3/00 (2006.01) C08H 8/00 (2010.01) C08L 1/02 (2006.01) D21C 3/24 (2006.01) D21C 3/26 (2006.01) D21C 9/00 (2006.01) D21H 11/18 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING HOLOCELLULOSE AND PAPER STRENGTH AGENT, PROCESS FOR THE PRODUCTION OF PAPER, THE PAPER PRODUCED AND USE OF THE PRODUCED PAPER**
[54] **PROCEDE DE PRODUCTION D'HOLOCELLULOSE ET AGENT DE RESISTANCE POUR PAPIER, PROCEDE DE PRODUCTION DE PAPIER, PAPIER PRODUIT ET UTILISATION DU PAPIER PRODUIT**
[72] KROCHAK, PAUL, SE
[72] JOHANSSON, KLAS, SE
[72] BERTHOLD, FREDRIK, SE
[72] JOHANSSON SALAZAR-SANDOVAL, ERIC, SE
[72] TONNERFORS, ERIKA, SE
[72] POUYET, FREDERIC, SE
[71] RISE INNVENTIA AB, SE
[71] RISE RESEARCH INSTITUTES OF SWEDEN AB, SE
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[25] EN
[54] **METHODS OF TREATING FOLLICULAR LYMPHOMA**
[54] **METHODES DE TRAITEMENT D'UN LYMPHOME FOLLICULAIRE**
[72] BALASUBRAMANIAN, SRIRAM, US
[71] JANSSEN BIOTECH, INC., US
[85] 2021-05-25
[86] 2019-11-26 (PCT/US2019/063234)
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[25] EN
[54] **FORMULATED WATERBORNE POLYURETHANE DISPERSION COMPOSITION FOR STABLE AMBIENT-DRIED FOAMS**
[54] **COMPOSITION DE DISPERSION DE POLYURETHANE AQUEUSE FORMULEE POUR MOUSSES STABLES SECHEES A TEMPERATURE AMBIANTE**
[72] BRODERICK, ADAM HOWLETT, US
[71] DDP SPECIALTY ELECTRONIC MATERIALS US, LLC, US
[85] 2021-05-25
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[54] **ROUTING GRAPH MANAGEMENT IN AUTONOMOUS VEHICLE ROUTING**
[54] **GESTION DE GRAPHIQUE DE GUIDAGE DANS UN GUIDAGE DE VEHICULE AUTONOME**
[72] VOZNESENSKY, MICHAEL, US
[72] PANZICA, ADAM, US
[72] GOLDMAN, BRENT, US
[72] NAGY, BRYAN JOHN, US
[72] YEN, MARK, US
[72] RECHY ROMERO, ADRIAN, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2021-05-25
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[54] **METHODS FOR TREATING DYSREGULATED LIPID METABOLISM**
[54] **PROCEDES DE TRAITEMENT DU METABOLISME LIPIDIQUE DEREGULE**
[72] ASTARITA, GIUSEPPE, US
[72] DI PAOLO, GILBERT, US
[72] LIN, KAI LIN, US
[72] MONROE, KATHRYN M., US
[72] NUGENT, ALICIA A., US
[72] VAN LENGERICH, BETTINA, US
[71] DENALI THERAPEUTICS INC., US
[85] 2021-05-25
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[54] **SUBSTITUTED FURANOPYRIMIDINE COMPOUNDS AS PDE1 INHIBITORS**
[54] **COMPOSES FURANOPYRIMIDINE SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE PDE1**
[72] BOOKSER, BRETT, US
[72] BOTROUS, IRINY, US
[72] BURNS, AARON, US
[72] CHUNG, DEMICHAEL, US
[72] DYCK, BRIAN, US
[72] KLEINKE, ANDREW, US
[72] KUMAR, DANGE VIJAY, US
[72] MCCARRICK, MARGARET, US
[72] RAFFAELE, NICHOLAS, US
[72] TRAN, JOE, US
[72] WEINHOUSE, MICHAEL, US
[71] DART NEUROSCIENCE, LLC, US
[85] 2021-05-25
[86] 2018-11-26 (PCT/US2018/062493)
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[54] **METHODS OF TREATING MYELOPROLIFERATIVE DISORDERS**
[54] **METHODES DE TRAITEMENT DE TROUBLES MYELOPROLIFERATIFS**
[72] SENDEROWICZ, ADRIAN, US
[72] COOPER, MICHAEL, US
[71] CONSTELLATION PHARMACEUTICALS, INC., US
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[25] EN
[54] **COMBINATORIAL COMPOSITIONS OF BENZOXABOROLES AND BIOLOGIC AGENTS**
[54] **COMPOSITIONS COMBINATOIRES DE BENZOXABOROLES ET D'AGENTS BIOLOGIQUES**
[72] LIU, CHUN YU, US
[72] LYMAN, MEGAN E, US
[72] YANG, STEPHEN X., US
[71] BORAGEN, INC., US
[85] 2021-05-25
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[25] EN
[54] **LOGIC CIRCUITRY**
[54] **ENSEMBLE DE CIRCUITS LOGIQUES**
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A., US
[72] PANSHIN, STEPHEN D., US
[72] WARD, JEFFERSON P., US
[72] ROETHIG, DAVID OWEN, US
[72] OLSEN, DAVID N., US
[72] STUDER, ANTHONY D., US
[72] CUMBIE, MICHAEL W., US
[72] LU, SIRENA CHI, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-25
[86] 2019-04-05 (PCT/US2019/026145)
[87] (WO2020/117305)
[30] US (PCT/US2018/063638) 2018-12-03
[30] US (PCT/US2018/063643) 2018-12-03
[30] US (PCT/US2018/063631) 2018-12-03
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[54] **BENZOXABOROLE COMPOUNDS AND FORMULATIONS THEREOF**
[54] **COMPOSES DE BENZOXABOROLE ET LEURS FORMULATIONS**
[72] AUBREY, MARISSA, US
[72] LIU, CHUN YU, US
[72] LIU, CHUNLIANG, US
[72] SAMUELS, MICHAEL, US
[72] ZHANG, YONG-KANG, US
[72] ZHOU, YASHEEN, US
[71] BORAGEN, INC., US
[85] 2021-05-25
[86] 2018-11-30 (PCT/US2018/063389)
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[51] **Int.Cl. G06F 7/00 (2006.01)**
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[54] **METHOD AND SYSTEM FOR SENTIMENT ANALYSIS**
[54] **PROCEDE ET SYSTEME POUR UNE ANALYSE DE SENTIMENT**
[72] LEV-TOV, AMIR, IL
[72] FAIZAKOF, AVRAHAM, IL
[72] MAZZA, ARNON, IL
[72] KONIG, YOCHAI, US
[71] GENESYS TELECUMMICATIONS LABORATORIES, INC., US
[85] 2021-05-25
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[54] **PRINTABLE LIQUID SUPPLY CARTRIDGES**
[54] **CARTOUCHES D'ALIMENTATION EN LIQUIDE IMPRIMABLE**
[72] STUDER, ANTHONY D., US
[72] OLSEN, DAVID, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-25
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[51] **Int.Cl. B41J 2/175 (2006.01)**
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[54] **LOGIC CIRCUITRY**
[54] **CIRCUITERIE LOGIQUE**
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A., US
[72] WARD, JEFFERSON P., US
[72] OLSEN, DAVID N., US
[72] STUDER, ANTHONY D., US
[72] CUMBIE, MICHAEL W., US
[72] LU, SIRENA CHI, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-25
[86] 2019-04-05 (PCT/US2019/026124)
[87] (WO2020/117303)
[30] US (PCT/US2018/063638) 2018-12-03
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[30] US (PCT/US2018/063631) 2018-12-03
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[54] **LOGIC CIRCUITRY**
[54] **CIRCUITS LOGIQUES**
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A., US
[72] PANSHIN, STEPHEN D., US
[72] WARD, JEFFERSON P., US
[72] ROETHIG, DAVID OWEN, US
[72] OLSEN, DAVID N., US
[72] STUDER, ANTHONY D., US
[72] CUMBIE, MICHAEL W., US
[72] LU, SIRENA CHI, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[87] (WO2020/117306)
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[30] US (PCT/US2018/063643) 2018-12-03
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[51] **Int.Cl. D21H 27/30 (2006.01) A47K 10/16 (2006.01) C08J 5/18 (2006.01) C08L 1/00 (2006.01) C08L 1/02 (2006.01) D21H 11/16 (2006.01) D21H 23/50 (2006.01) D21H 27/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURE PRODUCTS COMPRISING LAYERS EACH HAVING DIFFERENT LEVELS OF CELLULOSE NANOPARTICLE**
[54] **PRODUITS A STRUCTURE FIBREUSE COMPRENANT DES COUCHES COMPRENANT CHACUNE DIFFERENTS NIVEAUX DE NANOPARTICULES DE CELLULOSE**
[72] ZIEGENBEIN, TOBIAS, CA
[71] MERCER INTERNATIONAL INC., CA
[85] 2021-05-25
[86] 2019-11-26 (PCT/US2019/063458)
[87] (WO2020/112910)
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[51] **Int.Cl. A61K 31/4166 (2006.01) A61P 39/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **USE OF DANTROLENE AND DANTROLENE PRODRUGS TO TREAT RADIATION EXPOSURE**
[54] **UTILISATION DE DANTROLENE ET DE PROMEDICAMENTS DE DANTROLENE POUR TRAITER UNE EXPOSITION AU RAYONNEMENT**
[72] HEPNER, ADRIAN, US
[71] EAGLE RESEARCH LABS LIMITED, MT
[85] 2021-05-25
[86] 2019-11-27 (PCT/US2019/063503)
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[51] **Int.Cl. E21B 21/06 (2006.01) B03C 1/02 (2006.01)**
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[54] **ROTATABLE MAGNET CRADLE FOR SWARF SEPARATION**
[54] **BERCEAU MAGNETIQUE ROTATIF POUR SEPARATION DE COPEAUX**
[72] FARQUHAR, MICHAEL J., GB
[72] MACKAY, DEREK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2021-05-25
[86] 2019-10-04 (PCT/US2019/054830)
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[25] EN
[54] **POWER MACHINE WITH BRACKET MOUNT FOR ENGINE WITH PUMP PACKAGE**
[54] **MACHINE ELECTRIQUE AYANT UNE MONTURE DE SUPPORT POUR UN MOTEUR AYANT UN BOITIER DE POMPE**
[72] RICHARDS, JOHN D., US
[71] CLARK EQUIPMENT COMPANY, US
[85] 2021-05-25
[86] 2019-11-27 (PCT/US2019/063520)
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[54] **CAPSULE FORMULATIONS**
[54] **FORMULATIONS DE CAPSULES**
[72] LELETI, MANMOHAN REDDY, US
[72] POWERS, JAY P., US
[71] CHEMOCENTRYX, INC., US
[85] 2021-05-25
[86] 2019-11-27 (PCT/US2019/063547)
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[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DU CANCER**
[72] HENRICH, IAN, US
[72] CHOU, MARGARET M., US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2021-05-25
[86] 2019-11-27 (PCT/US2019/063594)
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[30] US (62/771,869) 2018-11-27
[30] US (62/796,959) 2019-01-25
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[54] **CONTAINER FOR PERSONAL HEALTH COMPOSITIONS**
[54] **RECIPIENT POUR COMPOSITIONS DE SANTE PERSONNELLE**
[72] HAYES, MICHAEL DEVON, US
[72] MAHONEY, LEIGH, US
[72] STUCKERT, LONNIE, US
[72] VEINTIMILLA, GREG, US
[72] VERNON, GARY E., US
[71] THE PROCTER & GAMBLE COMPANY, US
[71] AVIENT CORPORATION, US
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[54] **ORBITAL MAGNETIC GEARS, AND RELATED SYSTEMS**
[54] **ENGRENAGES MAGNETIQUES ORBITAUX, ET SYSTEMES ASSOCIES**
[72] DAVEY, KENT, US
[71] OCEANA ENERGY COMPANY, US
[85] 2021-05-25
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[54] **ETHYLENE HOMOPOLYMERS WITH A REVERSE SHORT CHAIN BRANCH DISTRIBUTION**
[54] **HOMOPOLYMERES D'ETHYLENE AYANT UNE REPARTITION DES RAMIFICATIONS A CHAINE COURTE INVERSE**
[72] SMALL, BROOKE L., US
[72] MCDANIEL, MAX P., US
[72] MILNER, MATTHEW F., US
[72] DESLAURIERS, PAUL J., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2021-05-25
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[54] **ANTIBODIES THAT NEUTRALIZE HEPATITIS B VIRUS AND USES THEREOF**
[54] **ANTICORPS NEUTRALISANT PUISSAMMENT LE VIRUS DE L'HEPATITE B ET UTILISATIONS DE CES DERNIERS**
[72] CORTI, DAVIDE, CH
[71] HUMABS BIOMED SA, CH
[85] 2021-05-25
[86] 2019-12-18 (PCT/US2019/067216)
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[30] US (62/782,274) 2018-12-19
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[51] **Int.Cl. A01B 79/02 (2006.01) G06Q 10/06 (2012.01) G06Q 10/08 (2012.01)**
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[54] **UTILIZING SPATIAL STATISTICAL MODELS FOR IMPLEMENTING AGRONOMIC TRIALS**
[54] **UTILISATION DE MODELES STATISTIQUES SPATIAUX POUR LA MISE EN □UVRE D'ESSAIS AGRONOMIQUES**
[72] JOHANNESSON, GARDAR, US
[72] TERRES, MARIA, US
[72] LADONI, MOSLEM, US
[72] CARRION, CARLOS, US
[72] CIZEK, NICHOLAS, US
[72] LUTZ, BRIAN, US
[72] LEMOS, RICARDO, US
[72] DELANEY, JAMES, US
[71] THE CLIMATE CORPORATION, US
[85] 2021-05-25
[86] 2019-12-20 (PCT/US2019/067870)
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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 20/20 (2012.01) G06Q 30/06 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **PROVIDING INFORMATION FOR LOCATING AN ITEM WITHIN A WAREHOUSE FROM A SHOPPER TO OTHER SHOPPERS RETRIEVING THE ITEM FROM THE WAREHOUSE**
[54] **FOURNITURE D'INFORMATIONS POUR LOCALISER UN ARTICLE DANS UN ENTREPOT D'UN CLIENT A D'AUTRES CLIENTS RECUPERANT L'ARTICLE DANS L'ENTREPOT**
[72] ZHUANG, MINGZHE, US
[72] VAN HORNE, CAMILLE, US
[72] RUDNICK, CHRISTOPHER, US
[72] KNIGHT, BEN, US
[72] JENKINS, CHRIS, US
[72] ANDONOVA, VIKTORIYA, US
[72] GLUHOVIC, DJORDJE, US
[72] SEJPAL, RIDDHIMA, US
[72] GOLIVKIN, MAKSIM, US
[72] RAO, SHARATH, US
[71] MAPLEBEAR INC. (DBA INSTACART), US
[85] 2021-05-25
[86] 2020-01-03 (PCT/US2020/012273)
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[30] US (62/788,726) 2019-01-04

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[51] **Int.Cl. E21B 21/08 (2006.01) E21B 7/12 (2006.01)**
[25] EN
[54] **MANAGED PRESSURE DRILLING SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE FORAGE SOUS PRESSION CONTROLEE**
[72] GALLAGHER, BOBBY, US
[72] FRITH, ROBERT, US
[71] KINETIC PRESSURE CONTROL, LTD., US
[85] 2021-05-25
[86] 2020-01-09 (PCT/US2020/012964)
[87] (WO2020/146656)
[30] US (62/790,152) 2019-01-09

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[51] **Int.Cl. A61B 5/00 (2006.01) A43B 3/00 (2006.01) A61B 5/11 (2006.01) A61F 5/01 (2006.01) A61F 5/02 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE USAGE MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE L'UTILISATION DE DISPOSITIF MEDICAL**
[72] ROBERTSON, HADLEY ALLEN, US
[72] ROBERTSON, DELANEY LEE, US
[71] ROBERTSON, HADLEY ALLEN, US
[71] ROBERTSON, DELANEY LEE, US
[85] 2021-05-25
[86] 2020-07-10 (PCT/US2020/041526)
[87] (WO2021/011346)
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[51] **Int.Cl. G06F 3/01 (2006.01) H04N 21/431 (2011.01)**
[25] EN
[54] **INTEGRATED OPERATING ENVIRONMENT**
[54] **ENVIRONNEMENT D'EXPLOITATION INTEGRE**
[72] ROGERS, JOSEPH D., US
[72] ROGERS, MARC E., US
[71] ROAM HOLDINGS, LLC, US
[85] 2021-05-14
[86] 2018-11-16 (PCT/US2018/061634)
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[30] US (62/586,985) 2017-11-16
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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **RNAI INDUCED REDUCTION OF ATAXIN-3 FOR THE TREATMENT OF SPINOCEREBELLAR ATAXIA TYPE 3**
[54] **REDUCTION INDUITE PAR L'ARNI DE L'ATAXINE-3 POUR LE TRAITEMENT DE L'ATAXIE SPINOCEREBELLEUSE DE TYPE 3**
[72] EVERS, MELVIN MAURICE, NL
[72] KONSTANTINOVA, PAVLINA STEFANOVA, NL
[72] MARTIER, RAYGENE MICHAEL, NL
[71] UNIQURE IP B.V., NL
[85] 2021-05-14
[86] 2019-11-14 (PCT/EP2019/081379)
[87] (WO2020/104295)
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[30] US (62/769,092) 2018-11-19
[30] EP (19172083.8) 2019-05-01

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[51] **Int.Cl. G06F 16/25 (2019.01) G06Q 40/08 (2012.01)**
[25] EN
[54] **AN INFORMATION MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'INFORMATIONS**
[72] SCHEPIS, NED, AU
[72] ILARDA, GABRIEL RICCARDO, AU
[71] CLIFIN PTY LTD, AU
[85] 2021-05-26
[86] 2019-11-29 (PCT/AU2019/051311)
[87] (WO2020/107077)
[30] AU (2018904547) 2018-11-29

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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **WEALTH MANAGEMENT SYSTEMS**
[54] **SYSTEMES DE GESTION DE PATRIMOINE**
[72] WACHELL, DAVYDE, CA
[72] SANFORD, CHRIS, CA
[72] GROSENICK, LOGAN, US
[71] RESPONSIVE CAPITAL MANAGEMENT INC., CA
[85] 2021-05-26
[86] 2019-11-26 (PCT/CA2019/051694)
[87] (WO2020/107111)
[30] US (62/771,356) 2018-11-26
[30] US (62/841,458) 2019-05-01

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[13] A1
[51] **Int.Cl. G01M 11/00 (2006.01)**
[25] EN
[54] **LARGE CORE APPARATUS FOR MEASURING OPTICAL POWER IN MULTIFIBER CABLES**
[54] **APPAREIL A AME DE GRANDE TAILLE POUR MESURER LA PUISSANCE OPTIQUE DANS DES CABLES MULTI-FIBRES**
[72] LIU, BIN, US
[72] PRESCOTT, SCOTT, US
[72] EDDY, DALE, US
[72] COLLINS, SHAWN P., US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2021-05-25
[86] 2019-11-26 (PCT/US2019/063141)
[87] (WO2020/112704)
[30] US (62/771,857) 2018-11-27

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[13] A1
[51] **Int.Cl. B64F 1/00 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ASSESSING AIRCRAFT LANDING AND SURFACE MOVEMENT PERFORMANCES**
[54] **PROCEDE ET SYSTEME POUR EVALUER DES PERFORMANCES D'ATTERRISSAGE D'AERONEF ET DE MOUVEMENT DE SURFACE**
[72] MCKEOWN, STEPHEN LYLE, CA
[72] SOUIKI, ZINDINE, CA
[72] SHATTUCK, TY, CA
[72] THIBODEAU, RICHARD, CA
[72] CUDMORE, PAUL EDWARD, CA
[72] SAVERY, DANIEL THOMAS, CA
[71] EAGLE AEROSPACE LTD., CA
[85] 2021-05-26
[86] 2019-12-11 (PCT/CA2019/051785)
[87] (WO2020/118433)
[30] US (62/777,907) 2018-12-11

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[13] A1
[51] **Int.Cl. G09B 21/00 (2006.01)**
[25] FR
[54] **AUDIO MOBILITY MAP**
[54] **CARTE DE MOBILITE AUDIO**
[72] HUIN, SYLVAIN, FR
[71] FEELOBJECT, FR
[85] 2021-05-26
[86] 2019-01-10 (PCT/FR2019/050049)
[87] (WO2019/141922)
[30] FR (1850334) 2018-01-16

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[51] **Int.Cl. B65D 19/00 (2006.01) A47B 43/00 (2006.01) A47B 43/02 (2006.01) A47F 5/10 (2006.01) B65D 19/04 (2006.01) B65D 19/06 (2006.01) E04C 3/00 (2006.01) F16M 11/00 (2006.01)**
[25] EN
[54] **TUBULAR STRUCTURAL PROFILE AND CONSTRUCTION SYSTEM, PRODUCED BY CUTTING AND FOLDING A SEMI-RIGID AND FOLDABLE SHEET, WITH 4 SUBSTANTIALLY ORTHOGINAL LAYERS JOINED AT FOLD LINES AND INTERNAL DIAGONAL LAYERS JOINING TWO OPPOSING FOLD LINES, AND AT LEAST ONE TONGUE WHICH COINCIDES WITH AT LEAST ONE SLOT**
[54] **PROFILE STRUCTURAL TUBULAIRE ET SYSTEME DE CONSTRUCTION, OBTENU PAR DECOUPE ET PLIAGE D'UNE COUCHE SEMI-RIGIDE ET PLIABLE, AVEC QUATRE FEUILLES SENSIBLEMENT ORTHOGONALES ASSEMBLEE S EN LIGNES DE PLIAGE ET DIAGONALES INTERIEURES ASSEMBLANT DEUX LIGNES DE PLIAGE OPPOSEES, ET AU MOINS UNE LANGUETTE, QUI COINCIDE AVEC AU MOINS UNE RAINURE**
[72] VERAZA OSORIO, CARLOS TOMAS, CL
[71] CARLOS TOMAS VERAZA OSORIO PUBLICIDAD SPA, CL
[85] 2021-05-26
[86] 2018-11-29 (PCT/CL2018/050118)
[87] (WO2020/107132)

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[51] **Int.Cl. F02C 7/25 (2006.01) B64D 29/06 (2006.01) F01D 9/06 (2006.01) F01D 25/24 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **IMPROVED FIRE RESISTANCE DEVICE DESIGNED TO BE PLACED BETWEEN ONE END OF A MOUNTING STRUT FOR AN AIRCRAFT TURBOMACHINE AND A COWLING OF THE TURBOMACHINE DELIMITING AN INTER-FLOW COMPARTMENT**
[54] **DISPOSITIF DE RESISTANCE AU FEU AMELIORE DESTINE A ETRE INTERPOSE ENTRE UNE EXTREMITE DE MAT D'ACCROCHAGE DE TURBOMACHINE D'AERONEF, ET UN CAPOTAGE DE LA TURBOMACHINE DELIMITANT UN COMPARTIMENT INTER-VEINE**
[72] JACON, BRUNO ALEXANDRE DIDIER, FR
[72] SIMONOTTI, HERVE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2021-05-26
[86] 2019-11-29 (PCT/FR2019/052845)
[87] (WO2020/120863)
[30] FR (1872912) 2018-12-14

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[13] A1
[51] **Int.Cl. C09D 163/00 (2006.01)**
[25] EN
[54] **DISPERSANT AND WATERBORNE EPOXY COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT EPOXYDIQUE A L'EAU**
[72] YANG, WEIJUN, CN
[72] LI, HU, CN
[72] CUI, LONGLAN, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2021-05-26
[86] 2018-12-03 (PCT/CN2018/118894)
[87] (WO2020/113366)

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[13] A1
[51] **Int.Cl. F04D 27/00 (2006.01) F02C 9/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR DETECTING A ROTATING STALL ADVERSELY AFFECTING A TURBOJET ENGINE COMPRESSOR**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UN DECOLLEMENT TOURNANT AFFECTANT UN COMPRESSEUR D'UN TURBOREACTEUR**
[72] HERDA, SOUFIANE, FR
[72] CABRET, VINCENT, FR
[72] DJELASSI, CEDRIK, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2021-05-26
[86] 2019-11-29 (PCT/FR2019/052853)
[87] (WO2020/115405)
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[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/4709 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **SOLID FORM, CRYSTALLINE FORM, AND CRYSTAL FORM A OF FXR AGONIST, AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF**
[54] **FORME SOLIDE, FORME CRISTALLINE ET FORME CRISTALLINE A D'AGONISTE DE FXR, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] LI, XIAOLIN, CN
[72] LI, PENG, CN
[72] HE, HAIYING, CN
[71] CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD., CN
[85] 2021-05-26
[86] 2019-11-26 (PCT/CN2019/120992)
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[30] CN (201811418346.8) 2018-11-26

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[51] **Int.Cl. A24F 40/70 (2020.01) A24F 40/20 (2020.01) A24F 40/40 (2020.01) A24F 40/465 (2020.01) A24D 1/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING VAPOUR GENERATING PRODUCTS**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE PRODUITS GENERATEURS DE VAPEUR**
[72] ROGAN, ANDREW ROBERT JOHN, GB
[71] JT INTERNATIONAL SA, CH
[85] 2021-05-26
[86] 2019-11-25 (PCT/EP2019/082378)
[87] (WO2020/109211)
[30] EP (18209126.4) 2018-11-29
[30] EP (18209147.0) 2018-11-29
[30] EP (19165547.1) 2019-03-27

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[51] **Int.Cl. G05B 19/4061 (2006.01) B65G 54/02 (2006.01) B66F 9/06 (2006.01) G05B 19/418 (2006.01) H02K 41/03 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PREVENTING A COLLISION WHEN DRIVING AT LEAST TWO MOVING ELEMENTS ON A DRIVING SURFACE**
[54] **DISPOSITIF ET PROCEDE PERMETTENT D'EVITER UNE COLLISION LORS DE L'ENTRAINEMENT D'AU MOINS DEUX ELEMENTS DE DEPLACEMENT SUR UNE SURFACE D'ENTRAINEMENT**
[72] PENNEKAMP, HUBERTUS, DE
[72] LUTHE, THOMAS, DE
[72] WIEDNER, EVA, DE
[72] WEBER, TOBIAS, DE
[72] NEUMANN, KLAUS, DE
[72] WEDDEMANN, ALEXANDER, DE
[71] BECKHOFF AUTOMATION GMBH, DE
[85] 2021-05-26
[86] 2019-11-22 (PCT/EP2019/082298)
[87] (WO2020/109180)
[30] DE (10 2018 129 727.0) 2018-11-26

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[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **WIRELESS ACCESS CREDENTIAL SYSTEM**
[54] **SYSTEME A JUSTIFICATIF D'IDENTITE D'ACCES SANS FIL**
[72] EVERSON, JONATHAN R., US
[72] ROSS, GREGORY, US
[72] KAUFMAN, SETH, US
[72] JOHNSON, DAKOTA, US
[72] BAUER, CHRISTOPHER, US
[72] LUIF, JOHN, US
[72] EVENSON, JOHN, US
[72] SANTHANAKRISHNAN, LAKSHMI, US
[72] DUCKWORTH, MARK, US
[72] BROERMAN, KEITH R., US
[72] BAUMGARTE, JOSEPH W., US
[72] DEXTER, MATTHEW, US
[72] HOPKINS, BENJAMIN J., US
[72] STUDT, DAVID, US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2021-05-25
[86] 2019-09-23 (PCT/US2019/052427)
[87] (WO2020/061567)
[30] US (62/734,548) 2018-09-21

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[13] A1
[51] **Int.Cl. H02K 41/03 (2006.01)**
[25] EN
[54] **METHOD FOR DRIVING A ROTOR OF A PLANAR DRIVE SYSTEM**
[54] **PROCEDE D'ENTRAINEMENT D'UN ROTOR D'UN SYSTEME D'ENTRAINEMENT PLANAIRE**
[72] PENNEKAMP, HUBERTUS, DE
[72] LUTHE, THOMAS, DE
[72] WIEDNER, EVA, DE
[72] WEBER, TOBIAS, DE
[72] NEUMANN, KLAUS, DE
[72] WEDDEMANN, ALEXANDER, DE
[71] BECKHOFF AUTOMATION GMBH, DE
[85] 2021-05-26
[86] 2019-11-26 (PCT/EP2019/082515)
[87] (WO2020/109274)
[30] DE (10 2018 129 731.9) 2018-11-26

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[51] **Int.Cl. F25B 1/00 (2006.01) F25B 9/00 (2006.01) F25B 33/00 (2006.01) F25B 39/02 (2006.01) F25D 11/00 (2006.01) F25D 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR STAGED STARTUP OF AIR-COOLED LOW CHARGED PACKAGED AMMONIA REFRIGERATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE DEMARRAGE SEQUENCE D'UN SYSTEME DE REFRIGERATION A L'AMMONIAC CONDITIONNE A BASSE CHARGE REFROIDIE PAR AIR**
[72] DENISON, JAKE WILLIAM, US
[72] HAMILTON, DONALD LEE, US
[72] VINEYARD, SAMUEL K, US
[71] EVAPCO, INC., US
[85] 2021-05-25
[86] 2019-11-27 (PCT/US2019/063621)
[87] (WO2020/113011)
[30] US (62/772,334) 2018-11-28
[30] US (16/697,917) 2019-11-27

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[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12N 5/078 (2010.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) C12N 9/22 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **MULTIPLEX GENOME EDITING OF IMMUNE CELLS TO ENHANCE FUNCTIONALITY AND RESISTANCE TO SUPPRESSIVE ENVIRONMENT**
[54] **EDITION DE GENOME MULTIPLEX DE CELLULES IMMUNITAIRES POUR AMELIORER LA FONCTIONNALITE ET LA RESISTANCE A UN ENVIRONNEMENT DE SUPPRESSION**
[72] BASAR, RAFET, US
[72] SHPALL, ELIZABETH, US
[72] REZVANI, KATY, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2021-05-25
[86] 2019-11-27 (PCT/US2019/063641)
[87] (WO2020/113029)
[30] US (62/772,406) 2018-11-28

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[13] A1
[51] **Int.Cl. H02K 11/30 (2016.01) H02P 25/064 (2016.01) H02K 41/03 (2006.01)**
[25] EN
[54] **DEVICE FOR DRIVING AT LEAST ONE MOVER OVER A DRIVE AREA**
[54] **DISPOSITIF POUR ENTRAINER AU MOINS UN ELEMENT DE DEPLACEMENT SUR UNE SURFACE D'ENTRAINEMENT**
[72] LUTHE, THOMAS, DE
[72] WEBER, TOBIAS, DE
[72] NEUMANN, KLAUS, DE
[72] WEDDEMANN, ALEXANDER, DE
[72] PENNEKAMP, HUBERTUS, DE
[72] WIEDNER, EVA, DE
[71] BECKHOFF AUTOMATION GMBH, DE
[85] 2021-05-26
[86] 2019-11-26 (PCT/EP2019/082518)
[87] (WO2020/109276)
[30] DE (10 2018 129 739.4) 2018-11-26

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[13] A1
[51] **Int.Cl. H02K 41/03 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PATH PLANNING FOR A MOVER OF A DRIVE DEVICE**
[54] **DISPOSITIF ET PROCEDE DE PLANIFICATION DE TRAJECTOIRE POUR UN ELEMENT DE DEPLACEMENT D'UN DISPOSITIF D'ENTRAINEMENT**
[72] WEBER, TOBIAS, DE
[72] NEUMANN, KLAUS, DE
[72] WEDDEMANN, ALEXANDER, DE
[72] PENNEKAMP, HUBERTUS, DE
[72] LUTHE, THOMAS, DE
[72] WIEDNER, EVA, DE
[71] BECKHOFF AUTOMATION GMBH, DE
[85] 2021-05-26
[86] 2019-11-26 (PCT/EP2019/082536)
[87] (WO2020/109287)
[30] DE (10 2018 129 738.6) 2018-11-26

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[13] A1
[51] **Int.Cl. G09F 3/02 (2006.01) B41M 5/42 (2006.01) G09F 3/08 (2006.01) G09F 3/10 (2006.01)**
[25] EN
[54] **DUAL LABEL COMBINATION**
[54] **COMBINAISON DE DEUX ETIQUETTES**
[72] FRANCOEUR, ROGER, US
[72] LIVINGSTON, TIMOTHY DARREN, US
[71] ICONEX LLC, US
[85] 2021-05-25
[86] 2019-11-27 (PCT/US2019/063771)
[87] (WO2020/113117)
[30] US (16/203,084) 2018-11-28

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[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01) G06F 21/43 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DEVICE ENGAGEMENT CONNECTION SYSTEM WITH VERIFICATION**
[54] **SYSTEME DE CONNEXION D'IMPLICATION DE DISPOSITIF AVEC VALIDATION**
[72] JOGAND-COULOMB, FABRICE, FR
[71] ASSA ABLOY AB, SE
[85] 2021-05-26
[86] 2019-11-27 (PCT/EP2019/082767)
[87] (WO2020/109400)
[30] US (62/771,845) 2018-11-27
[30] US (62/771,849) 2018-11-27
[30] US (62/771,886) 2018-11-27
[30] US (62/779,864) 2018-12-14

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[51] **Int.Cl. A23L 33/115 (2016.01) A23L 33/12 (2016.01) A23L 33/135 (2016.01) A23L 33/17 (2016.01) A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 9/107 (2006.01) A61K 9/127 (2006.01) A61K 31/201 (2006.01) A61K 31/202 (2006.01) A61P 1/00 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 17/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C12N 9/02 (2006.01)**
[25] EN
[54] **PREPARATION COMPRISING A PROBIOTIC STRAIN OF THE GENUS BACILLUS MEGATERIUM AND A POLYUNSATURATED FATTY ACID COMPONENT**
[54] **PREPARATION COMPRENANT UNE SOUCHE PROBIOTIQUE DU GENRE BACILLUS MEGATERIUM ET UN COMPOSANT D'ACIDE GRAS POLYINSATURE**
[72] SPECKMANN, BODO, DE
[72] OCHROMBEL, INES, DE
[72] SCHILLING, MARTIN, DE
[72] GOMEZ, MARIO, DE
[72] SCHWARM, MICHAEL, DE
[72] PELZER, STEFAN, DE
[72] KLEINBOLTING, JESSICA, DE
[72] BERNGRUBER, THOMAS, DE
[71] EVONIK OPERATIONS GMBH, DE
[85] 2021-05-26
[86] 2019-11-28 (PCT/EP2019/082924)
[87] (WO2020/109474)
[30] EP (18209509.1) 2018-11-30

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[13] A1
[51] **Int.Cl. E21B 43/1185 (2006.01)**
[25] EN
[54] **FIRING HEAD AND METHOD OF UTILIZING A FIRING HEAD**
[54] **TETE DE MISE A FEU ET PROCEDE D'UTILISATION D'UNE TETE DE MISE A FEU**
[72] BRADY, THOMAS RYAN, US
[71] DYNAENERGETICS EUROPE GMBH, DE
[85] 2021-05-26
[86] 2019-11-27 (PCT/EP2019/082786)
[87] (WO2020/114864)
[30] US (62/775,545) 2018-12-05
[30] US (62/865,527) 2019-06-24
[30] US (16/695,729) 2019-11-26

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[51] **Int.Cl. G01N 33/558 (2006.01) C12Q 1/70 (2006.01) G01N 33/543 (2006.01) G01N 33/563 (2006.01) G01N 33/566 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **LATERAL FLOW ASSAY WITH CONTROLLED CONJUGATE AND CONTROLLED FLOW TIME**
[54] **DOSAGE A ECOULEMENT LATERAL AVEC UN CONJUGUE REGULE ET UN TEMPS D'ECOULEMENT REGULE**
[72] HATAMIAN, MEHDI, US
[71] 2PI-SIGMA CORP., US
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[87] (WO2020/113127)
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[51] **Int.Cl. B05C 5/02 (2006.01) B05B 1/30 (2006.01) B05C 11/10 (2006.01) F16K 31/12 (2006.01)**
[25] EN
[54] **DOSING SYSTEM AND METHOD FOR CONTROLLING A DOSING SYSTEM**
[54] **SYSTEME DE DOSAGE ET PROCEDE POUR COMMANDER UN SYSTEME DE DOSAGE**
[72] FLIESS, MARIO, DE
[72] STEINHAUSER, ANDREAS, DE
[72] TETZNER, TOBIAS, DE
[71] VERMES MICRODISPENSING GMBH, DE
[85] 2021-05-26
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[51] **Int.Cl. G16H 50/50 (2018.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR BIOPHYSICAL MODELING AND RESPONSE PREDICTION**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE MODELISATION BIOPHYSIQUE ET DE PREDICTION DE REPONSE**
[72] DALAL, PARIN BHADRIK, US
[72] RAHILI, SALAR, US
[72] TORBAGHAN, SOLMAZ SHARIAT, US
[72] AGARWAL, SARANSH, US
[72] YAZDANI, MEHRDAD, US
[71] JANUARY, INC., US
[85] 2021-05-25
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[30] US (62/773,117) 2018-11-29
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[51] **Int.Cl. F16B 15/06 (2006.01) F16B 19/14 (2006.01)**
[25] EN
[54] **FASTENING ELEMENT**
[54] **ELEMENT DE FIXATION**
[72] SCHULTE SUEDHOFF, ERIC, AT
[72] HAAG, STEFAN, CH
[72] BEAUVAIS, SIMON, CN
[72] GUELTEKIN, FURKAN, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
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[51] **Int.Cl. B61G 9/04 (2006.01) B61G 9/06 (2006.01) B61G 9/08 (2006.01) B61G 9/10 (2006.01) B61G 9/12 (2006.01) B61G 9/18 (2006.01)**
[25] EN
[54] **HYBRID CUSHIONING APPARATUS WITH DRAFT GEAR**
[54] **APPAREIL D'AMORTISSEMENT HYBRIDE POURVU D'UN DISPOSITIF DE TRACTION**
[72] SUNDE, JONATHAN, US
[72] RING, MICHAEL, US
[71] STRATO, INC., US
[85] 2021-05-25
[86] 2019-11-29 (PCT/US2019/063837)
[87] (WO2020/113150)
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[51] **Int.Cl. C22C 21/02 (2006.01) C22F 1/043 (2006.01)**
[25] EN
[54] **6XXX ALUMINUM ALLOYS**
[54] **ALLIAGES D'ALUMINIUM 6XXX**
[72] HOSCH, TIMOTHY A., US
[72] MOOY, DIRK C., US
[72] BELL, CYRIL F., US
[71] ARCONIC TECHNOLOGIES LLC, US
[85] 2021-05-25
[86] 2019-12-03 (PCT/US2019/064148)
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[51] **Int.Cl. C07K 14/435 (2006.01) C07K 14/605 (2006.01)**
[25] EN
[54] **MODIFIED GIP PEPTIDE ANALOGUES**
[54] **ANALOGUES PEPTIDIQUES DE GIP MODIFIES**
[72] SPARRE-ULRICH, ALEXANDER HOVARD, DK
[72] SIVERTSEN, BJORN BEHRENS, DK
[72] RIBER, DITTE, DK
[72] ROSENKILDE, METTE MARIE, DK
[71] ANTAG THERAPEUTICS APS, DK
[85] 2021-05-26
[86] 2019-12-03 (PCT/EP2019/083506)
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[13] A1
[51] **Int.Cl. A61L 27/36 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR TREATING TISSUES, INCLUDING IRRADIATED TISSUES**
[54] **DISPOSITIFS ET METHODES POUR TRAITER DES TISSUS, Y COMPRIS DES TISSUS IRRADIES**
[72] CAMPBELL, CHRISTOPHER A., US
[72] COTTLER, PATRICK S., US
[71] LIFECELL CORPORATION, US
[85] 2021-05-25
[86] 2019-12-03 (PCT/US2019/064158)
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[25] EN
[54] **PROCESSES FOR PREPARING NITROSYLATED PROPANEDIOLS, COMPOSITIONS COMPRISING THE SAME, AND MEDICAL USES THEREOF**
[54] **PROCEDES DE PREPARATION DE PROPANEDIOLS NITROSYLES, COMPOSITIONS COMPRENANT CEUX-CI, ET LEURS UTILISATIONS MEDICALES**
[72] AGVALD, PER HAKAN, SE
[72] ADDING, LEIF CHRISTOFER, SE
[72] NILSSON, KRISTOFER BO INGEMAR, SE
[72] MINIDIS, ANNA LENA ELISABETH, SE
[72] MALMBERG, JOHAN SALMAN, SE
[72] MINIDIS, ALEXANDER BOGDAN EMIL, SE
[71] ATTGENO AB, SE
[85] 2021-05-26
[86] 2019-11-27 (PCT/EP2019/082800)
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[51] **Int.Cl. C12Q 1/6886 (2018.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **MYB-RELATED TRANSCRIPTION FACTOR (MYPOP) AS DIAGNOSTIC MARKER AND THERAPEUTIC TARGET FOR TUMOR THERAPY**
[54] **FACTEUR DE TRANSCRIPTION ASSOCIE A MYB (MYPOP) EN TANT QUE MARQUEUR DIAGNOSTIQUE ET CIBLE THERAPEUTIQUE POUR UNE THERAPIE TUMORALE**
[72] FLORIN, LUISE, DE
[72] WUSTENHAGEN, ELENA, DE
[72] SCHNEIDER, MARC, DE
[71] UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ, DE
[71] THORAXKLINIK-HEIDELBERG GGMBH, DE
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[51] **Int.Cl. F27B 21/02 (2006.01) C22B 1/24 (2006.01) F27B 21/06 (2006.01) F27D 17/00 (2006.01)**
[25] EN
[54] **INDURATION MACHINE**
[54] **MACHINE D'INDURATION**
[72] SCHULAKOW-KLASS, ANDREJ, DE
[71] PAUL WURTH S.A., LU
[71] PAUL WURTH DEUTSCHLAND GMBH, DE
[85] 2021-05-26
[86] 2019-12-06 (PCT/EP2019/083986)
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[25] EN
[54] **DEVICE AND METHOD FOR AUTOMATICALLY PERFORMING AN ACTIVITY, IN PARTICULAR FOR CLEANING DIRTY SURFACES**
[54] **APPAREIL ET PROCEDE PERMETTANT D'EFFECTUER AUTOMATIQUEMENT UNE ACTIVITE, EN PARTICULIER PERMETTANT DE NETTOYER DES SURFACES ENCRASSEES**
[72] GADIENT, MARTIN, CH
[72] OBERHOLZER, THOMAS, CH
[72] KOLLER, ARMIN, CH
[71] KEMARO AG, CH
[85] 2021-05-26
[86] 2019-12-10 (PCT/EP2019/084399)
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[51] **Int.Cl. A61K 31/522 (2006.01) A61K 9/00 (2006.01) A61K 47/06 (2006.01)**
[25] EN
[54] **ANTI-VIRAL COMPOSITIONS**
[54] **COMPOSITIONS ANTIVIRALES**
[72] CALLADINE, DANIEL, GB
[71] CALLADINE PHARMACEUTICALS LIMITED, GB
[85] 2021-05-26
[86] 2019-11-28 (PCT/EP2019/082850)
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[54] **BLENDING OF RENEWABLE FUELS**
[54] **MELANGE DE CARBURANTS RENOUVELABLES**
[72] NORTIO, JENNI, FI
[72] SANDBERG, KATI, FI
[71] NESTE OYJ, FI
[85] 2021-05-26
[86] 2019-12-12 (PCT/FI2019/050889)
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[51] **Int.Cl. A61K 47/18 (2017.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 31/202 (2006.01)**
[25] EN
[54] **PREPARATION COMPRISING A DISPERSION OF PHOSPHOLIPIDS AND FATTY ACID SALTS**
[54] **PREPARATION COMPRENANT UNE DISPERSION DE PHOSPHOLIPIDES ET DE SELS D'ACIDE GRAS**
[72] SCHILLING, MARTIN, DE
[72] GOMEZ, MARIO, DE
[72] SPECKMANN, BODO, DE
[72] BENEDIKT, ANNE, DE
[72] KESSLER, CHRISTIAN, DE
[72] WINDHAB, NORBERT, DE
[72] OCHROMBEL, INES, DE
[71] EVONIK OPERATIONS GMBH, DE
[85] 2021-05-26
[86] 2019-11-28 (PCT/EP2019/082919)
[87] (WO2020/109472)
[30] EP (18209472.2) 2018-11-30

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[51] **Int.Cl. A61G 9/00 (2006.01)**
[25] EN
[54] **BEDPAN ASSEMBLY**
[54] **ENSEMBLE BASSIN HYGIENIQUE**
[72] NELSON, WAYNE, GB
[72] SHIELDS, NATHAN, GB
[71] VERNACARE LIMITED, GB
[85] 2021-05-26
[86] 2019-11-27 (PCT/GB2019/053345)
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[30] GB (1819386.2) 2018-11-28

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 47/54 (2017.01) A61K 31/7088 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL ANTISENSE AGENTS**
[54] **AGENTS ANTIBACTERIENS ANTISENS**
[72] QUIBELL, MARTIN, GB
[72] SCHULZ-UTERMOEHL, TIMOTHY, GB
[72] MURRAY, FRASER, GB
[71] PEDANIUS THERAPEUTICS LIMITED, GB
[85] 2021-05-26
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[51] **Int.Cl. E02D 17/08 (2006.01)**
[25] EN
[54] **TRENCH SHORING APPARATUS AND ITS METHOD OF USE**
[54] **APPAREIL BLINDEUR ET SON PROCEDE D'UTILISATION**
[72] MOLYNEUX, GLENN, GB
[71] SECURE GROUND SOLUTIONS LTD, GB
[85] 2021-05-26
[86] 2019-11-29 (PCT/GB2019/053384)
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[30] GB (1819830.9) 2018-12-05

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[13] A1
[51] **Int.Cl. G01N 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE VISCOSITY OF A POLYMER SOLUTION**
[54] **PROCEDE DE DETERMINATION DE LA VISCOSITE D'UNE SOLUTION DE POLYMERE**
[72] JOUENNE, STEPHANE, FR
[72] LEVACHE, BERTRAND, FR
[71] TOTAL SE, FR
[85] 2021-05-26
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[51] **Int.Cl. B65G 23/16 (2006.01) B65G 43/08 (2006.01)**
[25] EN
[54] **SYNCHRONIZATION OF CONVEYOR BELT AND DRIVE BELT OF AN INCLINED CONVEYOR**
[54] **SYNCHRONISATION D'UNE BANDE TRANSPORTEUSE ET D'UNE BANDE D'ENTRAINEMENT D'UNE CHAINE TRANSPORTEUSE A FORTE PENTE**
[72] BUSSE, GUNTER, DE
[71] REMA TIP TOP AG, DE
[85] 2021-05-26
[86] 2019-12-12 (PCT/EP2019/084928)
[87] (WO2020/126835)
[30] DE (10 2018 222 857.4) 2018-12-21

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[51] **Int.Cl. G01N 27/90 (2021.01) E21B 47/00 (2012.01)**
[25] EN
[54] **AN APPARATUS FOR MULTISENSOR ELECTROMAGNETIC DEFECTOSCOPY AND INTEGRITY MONITORING OF WELL CASINGS**
[54] **DISPOSOTIF POUR LA DEFECTOSCOPIE ELECTROMAGNETIQUE DES COLONNES DE TUBES**
[72] PYATNITSKY, DMITRY YURIEVICH, RU
[72] ARBUZOV, ANDREY ALEXANDROVICH, RU
[72] DAVYDOV, DMITRY ALEXANDROVICH, RU
[72] VDOVIN, ALEXEY YURIEVICH, RU
[71] LIMITED LIABILITY COMPANY "MIKS", RU
[85] 2021-05-25
[86] 2019-07-01 (PCT/RU2019/050099)
[87] (WO2020/111979)
[30] EA (201800606) 2018-11-28

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/11 (2006.01)**
[25] EN
[54] **DNA CUTTING MEANS BASED ON CAS9 PROTEIN FROM BIOTECHNOLOGICALLY SIGNIFICANT BACTERIUM CLOSTRIDIUM CELLULOLYTICUM**
[54] **MOYEN DE DECOUPAGE D'ADN A BASE DE LA PROTEINE CAS9 SUR LA BASE D'UNE BACTERIE A VALEUR BIOTECHNOLOGIQUE CLOSTRIDIUM CELLULOLYTICUM**
[72] SEVERINOV, KONSTANTIN VIKTOROVICH, RU
[72] SHMAKOV, SERGEY ANATOLEVICH, RU
[72] ARTAMONOVA, DARIA NIKOLAEVNA, RU
[72] GORYANIN, IGNATIY IGOREVICH, RU
[72] MUSHAROVA, OLGA SERGEEVNA, RU
[72] PISKUNOVA, IULIIA VALEREVNA, RU
[72] FEDOROVA, IANA VITALEVNA, RU
[72] ZYUBKO, TATYANA IGOREVNA, RU
[72] KHODORKOVSKIY, MIKHAIL ALEKSEEVICH, RU
[72] POBEGALOV, GEORGII EVGENEVICH, RU
[72] ARSENIEV, ANATOLII NIKOLAEVICH, RU
[72] SELKOVA, POLINA ANATOLEVNA, RU
[72] VASILEVA, ALEKSANDRA ANDREEVNA, RU
[72] ARTAMONOVA, TATIANA OLEGOVNA, RU
[72] ABRAMOVA, MARINA VIKTOROVNA, RU
[71] JOINT STOCK COMPANY "BIOCAD", RU
[85] 2021-05-25
[86] 2019-11-26 (PCT/RU2019/050229)
[87] (WO2020/111983)
[30] RU (2018141524) 2018-11-26

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/11 (2006.01)**
[25] EN
[54] **DNA CUTTING MEANS BASED ON CAS9 PROTEIN FROM DEFLUVIIMONAS SP**
[54] **DISPOSITIF POUR DECOUPER L'ADN A BASE DE LA PROTEINE CAS9 A PARTIR DE DEFLUVIIMONAS SP.**
[72] SEVERINOV, KONSTANTIN VIKTOROVICH, RU
[72] SHMAKOV, SERGEY ANATOLEVICH, RU
[72] ARTAMONOVA, DARIA NIKOLAEVNA, RU
[72] GORYANIN, IGNATIY IGOREVICH, RU
[72] MUSHAROVA, OLGA SERGEEVNA, RU
[72] PISKUNOVA, IULIIA VALEREVNA, RU
[72] FEDOROVA, IANA VITALEVNA, RU
[72] ZYUBKO, TATYANA IGOREVNA, RU
[72] KHODORKOVSKIY, MIKHAIL ALEKSEEVICH, RU
[72] POBEGALOV, GEORGII EVGENEVICH, RU
[72] ARSENIEV, ANATOLII NIKOLAEVICH, RU
[72] SELKOVA, POLINA ANATOLEVNA, RU
[72] VASILEVA, ALEKSANDRA ANDREEVNA, RU
[72] ARTAMONOVA, TATIANA OLEGOVNA, RU
[72] ABRAMOVA, MARINA VIKTOROVNA, RU
[71] JOINT STOCK COMPANY "BIOCAD", RU
[85] 2021-05-25
[86] 2019-11-26 (PCT/RU2019/050230)
[87] (WO2020/111984)
[30] RU (2018141534) 2018-11-26

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[13] A1
[51] **Int.Cl. C12H 3/04 (2019.01) A61K 36/88 (2006.01) A61P 25/16 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) C12G 3/08 (2006.01)**
[25] EN
[54] **METHODS TO IMPROVE BEVERAGE QUALITY**
[54] **PROCEDES D'AMELIORATION DE LA QUALITE D'UNE BOISSON**
[72] BROCIA, ROBERT, US
[71] ROAR HOLDING LLC, US
[85] 2021-05-25
[86] 2019-11-26 (PCT/US2019/063439)
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[30] US (62/917,188) 2018-11-26

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[13] A1
[51] **Int.Cl. B65G 47/244 (2006.01) A22C 21/00 (2006.01) B26D 7/06 (2006.01) B65G 47/71 (2006.01)**
[25] EN
[54] **TURNING APPARATUS AND METHOD FOR TRANSPORTING FOOD ITEMS**
[54] **APPAREIL DE RETOURNEMENT ET PROCEDE DE TRANSPORT D'ALIMENTS**
[72] BJARNASON, ELIAS HALLDOR, IS
[72] UBBESEN, JONAS, DK
[72] PEDERSEN, SOREN FRANK, DK
[71] MAREL ICELAND EHF., IS
[71] MAREL A/S, DK
[85] 2021-05-26
[86] 2019-10-04 (PCT/EP2019/076960)
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[30] EP (18208568.8) 2018-11-27
[30] DK (PA 2019 70160) 2019-03-11

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[51] **Int.Cl. A43B 7/06 (2006.01) B29D 35/12 (2010.01) B29D 35/14 (2010.01) A43B 7/08 (2006.01) A43B 7/32 (2006.01) A43B 13/12 (2006.01)**
[25] EN
[54] **OUTSOLE FOR SAFETY FOOTWEAR AND METHOD FOR MANUFACTURING SUCH AN OUTSOLE**
[54] **SEMELLE D'USURE POUR CHAUSSURE DE SECURITE ET PROCEDE DE FABRICATION D'UNE TELLE SEMELLE D'USURE**
[72] ARDISSONO, CRISTIAN, IT
[71] DIADORA S.P.A., IT
[85] 2021-05-26
[86] 2019-10-30 (PCT/EP2019/079633)
[87] (WO2020/114683)
[30] IT (102018000010789) 2018-12-04

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[51] **Int.Cl. F42B 8/12 (2006.01) F42B 12/36 (2006.01) F42B 12/38 (2006.01) F42B 12/40 (2006.01)**
[25] EN
[54] **PRACTICE AMMUNITION AND TRAINING SYSTEM USING THE PRACTICE AMMUNITION**
[54] **MUNITION D'EXERCICE ET SYSTEME D'ENTRAINEMENT EN UTILISANT LA MUNITION D'EXERCICE**
[72] SCHERGE, WOLFGANG, DE
[72] KEIL, STEFAN, DE
[72] HEITMANN, THOMAS, DE
[72] JESTREMSKI, MARCEL, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
[85] 2021-05-26
[86] 2019-11-11 (PCT/EP2019/080779)
[87] (WO2020/108961)
[30] DE (10 2018 129 778.5) 2018-11-26

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[51] **Int.Cl. F42B 8/14 (2006.01) F42C 11/06 (2006.01) F42C 21/00 (2006.01) F42B 12/40 (2006.01) F42C 19/06 (2006.01)**
[25] EN
[54] **TEST AND/OR PRACTICE AMMUNITION**
[54] **MUNITION D'ESSAI ET/OU D'EXERCICE**
[72] SCHERGE, WOLFGANG, DE
[72] KEIL, STEFAN, DE
[72] HEITMANN, THOMAS, DE
[72] SCHMIDT, TOBIAS, DE
[72] RADIES, HENDRIK, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
[85] 2021-05-26
[86] 2019-11-11 (PCT/EP2019/080782)
[87] (WO2020/108962)
[30] DE (10 2018 129 786.6) 2018-11-26

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[13] A1
[51] **Int.Cl. C08K 5/09 (2006.01) C08K 5/42 (2006.01)**
[25] EN
[54] **REACTIVE SILOXANES**
[54] **SILOXANES REACTIFS**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] FAVRESSE, PHILIPPE, DE
[72] FIEDEL, MICHAEL, DE
[72] BROTZMANN, ANDRE, DE
[71] EVONIK OPERATIONS GMBH, DE
[85] 2021-05-26
[86] 2019-11-19 (PCT/EP2019/081728)
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[30] EP (18210035.4) 2018-12-04

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[13] A1
[51] **Int.Cl. B25C 1/00 (2006.01)**
[25] EN
[54] **SEPARATING DEVICE, MAGAZINE ATTACHMENT AND FASTENING SYSTEM**
[54] **DISPOSITIF DE SEPARATION, ADAPTATEUR DE MAGASIN ET SYSTEME DE FIXATION**
[72] STUERTZEL, CHRISTOPH, DE
[72] FOSER, THOMAS, LI
[72] BAUR, CYRILL, CH
[72] RUHSTALLER, MICHAEL, CH
[72] ZIEGLER, STEFAN, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2021-05-26
[86] 2019-11-20 (PCT/EP2019/081961)
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[30] EP (18211341.5) 2018-12-10

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[51] **Int.Cl. B01J 20/22 (2006.01) B01D 15/38 (2006.01) B01J 20/288 (2006.01) B01J 20/30 (2006.01) C07K 1/22 (2006.01)**
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[54] **SOLID-PHASE CHELATOR MATERIAL, METHOD FOR PRODUCING THEREOF AND USE THEREOF FOR THE PURIFICATION OF PROTEINS**
[54] **MATERIAU CHELATEUR EN PHASE SOLIDE, SON PROCEDE DE PRODUCTION ET SON UTILISATION POUR LA PURIFICATION DE PROTEINES**
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[71] CUBE BIOTECH GMBH, DE
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[54] **AGENT DE TRAITEMENT DE PLAIES SAIGNANTES**
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[72] THAUERN, HENRIKE, DE
[72] STRAUB, JUERGEN, DE
[72] DOLFEN, EDMUND, DE
[72] MICHELS, CARMEN, DE
[72] KRPAN, KAREL, DE
[72] NEUMANN, FRANK-MARTIN, DE
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[54] **AMPLIFICATEUR DE FLUX DE MATIERES**
[72] SCHMIDT, PAUL WAYNE, US
[72] GHOSH, AVIJIT, US
[71] VORTEX PIPE SYSTEMS LLC, US
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[54] **SEPARATEUR A TAMBOUR MAGNETIQUE AVEC AIMANTS ACTIVES PAR CAME**
[72] FARQUHAR, MICHAEL J., GB
[72] MACKAY, DEREK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODES ASSOCIEES A DES AGENTS THERAPEUTIQUES OPIOIDES**
[72] MARTEMYANOV, KIRILL, US
[72] GRILL, BROCK, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
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[54] **STRUCTURES POLYMERES ADSORBANTES POUR SEPARER DES LIQUIDES POLAIRES D'HYDROCARBURES NON POLAIRES**
[72] ALGHUNAIMI, FAHD IBRAHIM, SA
[72] SALEH, TAWFIK A., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[71] KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS, SA
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[54] **BOITIER DE CIRCUIT LOGIQUE**
[72] WEAVER, QUINTON B., US
[72] GARDNER, JAMES MICHAEL, US
[72] OLSEN, DAVID N., US
[72] STUDER, ANTHONY D., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **3D PRINTED FILTER CENTER TUBE**
[54] **TUBE CENTRAL DE FILTRE IMPRIME 3D**
[72] IMMEL, JON T., US
[72] RODRIGUEZ, JAVIER A., US
[71] CATERPILLAR INC., US
[85] 2021-05-26
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[54] **SYSTEMES ET PROCEDES D'ECHANGE D'IONS POUR DES ARTICLES EN VERRE A ECHANGE D'IONS**
[72] BERNARD, RICHARD WAYNE, US
[72] FLETCHER, TONIA HAVEWALA, US
[72] TIMMONS, CHRISTOPHER LEE, US
[71] CORNING INCORPORATED, US
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[54] **PROTECTIVE GARMENT HAVING IMPROVED HOOD ELASTOMERIC INTERFACE**
[54] **VETEMENT DE PROTECTION AYANT UNE INTERFACE ELASTOMERE DE CAPUCHE AMELIOREE**
[72] ALLEYNE, ROBERTA ESPINOZA, US
[71] DUPONT SAFETY & CONSTRUCTION, INC., US
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[54] **MACHINE SYSTEM HAVING MACHINERY ROLLER ASSEMBLY WITH STATIC SEALING CLAMPING COLLARS**
[54] **SYSTEME DE MACHINE COMPORTANT UN ENSEMBLE GALET DE MACHINERIE POURVU DE COLLIERS DE SERRAGE A JOINTS D'ETANCHEITE STATIQUES**
[72] UMBACH, BRIAN, US
[72] TRONE, MATTHEW W., US
[72] BAAR, WILLIAM, US
[71] CATERPILLAR INC., US
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[54] **ENSEMBLE DE FIXATION POUR DES DISPOSITIFS D'ACCES ENTERAL ET VESICAL ET PROCEDES ASSOCIES**
[72] MOULTON, STEVEN LEE, US
[72] MIRONUCK, TYLER, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
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[54] **ELECTROCHEMICAL DEVICES AND FUEL CELL SYSTEMS**
[54] **DISPOSITIFS ELECTROCHIMIQUES ET SYSTEMES DE PILE A COMBUSTIBLE**
[72] YAN, YUSHAN, US
[72] SETZLER, BRIAN, US
[72] ZHAO, YUN, US
[72] CARBONELL, MARIO SANTIAGO ROJAS, US
[72] GOTTESFELD, SHIMSHON, US
[71] UNIVERSITY OF DELAWARE, US
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[54] **METHOD OF MANUFACTURING AN AIMGSC-SERIES ALLOY PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT EN ALLIAGE DE SERIE ALMGSC**
[72] BURGER, ACHIM, DE
[72] RUMPF, PHILIPP DANIEL, DE
[72] SPANGEL, SABINE MARIA, DE
[71] ALERIS ROLLED PRODUCTS GERMANY GMBH, DE
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[72] WONG, MUN YEW, SG
[72] HAR, JIA YI, SG
[72] NG, PAULINE C., SG
[72] ONG, CHUN MENG, SG
[72] VALENZUELA, ROBERT KEAMS, SG
[72] SRIDHAR, VISHWESHWARAN, SG
[71] ASIA GENOMICS PTE. LTD., SG
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[54] **SYSTEME ET PROCEDE PERMETTANT DE DETECTER UNE POSE DE CORPS ARTICULE**
[72] PESCARU, DAN, RO
[71] EVERSEEN LIMITED, IE
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[54] **SYSTEME TRANSDERMIQUE COMPORTANT UN PANSEMENT DE RECOUVREMENT ET UN SYSTEME EN ANNEAU**
[72] HAMMES, FLORIAN, DE
[72] TOMELERI, ANJA, DE
[72] KLEUDGEN, TOBIAS, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[54] **ERGOT ET DISPOSITIF DE PROTECTION D'ERGOT POUR UN RECIPIENT ISOLANT**
[72] SEIDERS, ROY JOSEPH, US
[72] SONNTAG, JAMES WILLIAM, US
[72] KELLER, CHRISTOPHER M., US
[72] NICHOLS, STEVE CHARLES, US
[72] BELL, DAVID J., US
[72] BRYSON, MATT, US
[72] GOIKE, TOM, US
[71] YETI COOLERS, LLC, US
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[54] **DEVICE AND METHOD FOR PREVENTING A COLLISION WHEN DRIVING AT LEAST TWO MOVING ELEMENTS ON A DRIVING SURFACE**
[54] **DISPOSITIF ET PROCEDE PERMETTENT D'EVITER UNE COLLISION LORS DE L'ENTRAINEMENT D'AU MOINS DEUX ELEMENTS DE DEPLACEMENT SUR UNE SURFACE D'ENTRAINEMENT**
[72] PENNEKAMP, HUBERTUS, DE
[72] LUTHE, THOMAS, DE
[72] WIEDNER, EVA, DE
[72] WEBER, TOBIAS, DE
[72] NEUMANN, KLAUS, DE
[72] WEDDEMANN, ALEXANDER, DE
[71] BECKHOFF AUTOMATION GMBH, DE
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[54] **RESERVOIR IMPLANTABLE DESTINE A ETRE UTILISE AVEC UN DISPOSITIF MEDICAL ET SYSTEME POUR UNE ADMINISTRATION INTERVENTIONNELLE DE MEDICAMENT**
[72] DAUNCH, WILLIAM, US
[72] VOIERS, TONY, US
[72] CARLSON, JR., DALE, US
[72] LARSON, BLANE, US
[71] ADVANCED CHEMOTHERAPY TECHNOLOGIES, INC., US
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[54] **EXTENSIONS DE COUCHE PHYSIQUE ATSC 3.0 POUR PERMETTRE UNE CONVERGENCE DIFFUSION/5G EN MOBILITE**
[72] SIMON, MICHAEL J., US
[72] AITKEN, MARK A., US
[71] SINCLAIR BROADCAST GROUP, INC., US
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[25] EN
[54] **CIRCUIT BREAKER ENCLOSURE HAVING INTEGRATED PASS-THROUGH**
[54] **ENCEINTE DE DISJONCTEUR A PASSAGE INTEGRE**
[72] VLADUCHICK, PAUL JASON, US
[72] ARISTIZABAL, MAURICIO, US
[72] CUPPETT, MATTHEW D., US
[71] ABB POWER GRIDS SWITZERLAND AG, CH
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[54] **INDICATEUR D'HALEINE**
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[72] FLINTOFF, ZAK JAKE, NZ
[72] BAIN, BRENDA LOUISE, NZ
[72] MUIR, MICHELLE LESLEY, NZ
[72] WILSON, DANIEL CHARLES, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **SYSTEMES ET PROCEDES DE CHAUFFAGE ACTIF D'UNE CARTOUCHE**
[72] NORTON, KIRKPATRICK W., US
[71] ILLUMINA, INC., US
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[54] **IMMUNOTHERAPIES UTILISANT DES CELLULES EFFECTRICES DERIVEES DE IPSC AMELIOREES**
[72] VALAMEHR, BAHRAM, US
[72] BJORDAHL, RYAN, US
[72] LEE, TOM TONG, US
[71] FATE THERAPEUTICS, INC., US
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[54] **PROCEDE POUR AMELIORER LA RETENTION DE CHARGE ET DE FIBRES DANS DES PROCEDES DE FABRICATION DE PAPIER**
[72] AITTAMAA, TEEMU, US
[71] SOLENIS TECHNOLOGIES CAYMAN, L.P., KY
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[54] **COMPOSITIONS MIXTES COMPRENANT UN INHIBITEUR DE BETA-LACTAMASE ET LEURS UTILISATIONS**
[72] BURNS, CHRISTOPHER J., US
[72] DAIGLE, DENIS, US
[72] HAMRICK, JODIE, US
[72] PEVEAR, DANIEL C., US
[72] TROUT, ROBERT E. LEE, US
[72] XERRI, LUIGI, US
[72] HENKEL, TIMOTHY, US
[72] MYERS, CULLEN L., US
[72] CONDON, STEPHEN M., US
[72] DRAGER, ANTHONY, US
[72] ROSEN, LAWRENCE, US
[71] VENATORX PHARMACEUTICALS, INC., US
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[30] US (62/773,063) 2018-11-29
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[54] **ANTIBODY COMPRISING A GLUTAMINE-CONTAINING LIGHT CHAIN C-TERMINAL EXTENSION, CONJUGATES THEREOF, AND METHODS AND USES**
[54] **ANTICORPS COMPRENANT UNE EXTENSION C-TERMINALE DE CHAINE LEGERE CONTENANT DE LA GLUTAMINE, CONJUGUES DE CELUI-CI, ET METHODES ET UTILISATIONS**
[72] STROP, PAVEL, US
[72] RAO-NAIK, CHETANA, US
[72] DENG, XIAODI, US
[72] SHEPPARD, PAUL O., US
[72] HOLDER, PATRICK G., US
[72] YAMAZOE, SAYUMI, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **VOIES DE BIOSYNTHESE MODIFIEES POUR LA PRODUCTION DE 1,5-DIAMINOPENTANE PAR FERMENTATION**
[72] MILLER, AARON, US
[72] WANG, ZHIHAO, US
[72] MELLIN, JEFFREY, US
[72] HUSSAIN, MURTAZA SHABBIR, US
[72] EDGAR, STEVEN, US
[71] ZYMERGEN, INC., US
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[54] **ADAPTATEUR DE SERINGUE POUR MEDICAMENT**
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[72] DOUBET, PAUL D., US
[71] DOUBET, JAMES T., US
[71] DOUBET, PAUL D., US
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[54] **ENSEMBLE COUVERCLE MUSICAL**
[72] IAROCCI, JOHN, US
[71] NICE-PAK PRODUCTS, INC., US
[85] 2021-05-27
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[30] US (62/773,423) 2018-11-30

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[25] EN
[54] **DOWNHOLE SAND SCREEN WITH AUTOMATIC FLUSHING SYSTEM**
[54] **CRIBLE A SABLE DE FOND DE TROU AVEC SYSTEME DE RINCAGE AUTOMATIQUE**
[72] EL-MAHBES, REDA, US
[72] KIRK, JORDAN, US
[72] REID, LESLIE, US
[71] BAKER HUGHES HOLDINGS LLC, US
[85] 2021-05-27
[86] 2019-11-25 (PCT/US2019/063096)
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[30] US (62/771,850) 2018-11-27
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[25] EN
[54] **ENGINEERED BIOSYNTHETIC PATHWAYS FOR PRODUCTION OF 2-OXOADIPATE BY FERMENTATION**
[54] **VOIES DE BIOSYNTHESE ISSUES DE L'INGENIERIE POUR LA PRODUCTION DE 2-OXOADIPATE PAR FERMENTATION**
[72] CHOWDHURY, ANUPAM, US
[72] EDGAR, STEVEN M., US
[72] SHEARER, ALEXANDER GLENNON, US
[72] TRACEWELL, CARA ANN, US
[72] TYMOSHENKO, STEPAN, US
[72] WANG, ZHIHAO, US
[71] ZYMERGEN INC., US
[85] 2021-05-27
[86] 2019-11-25 (PCT/US2019/063107)
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[54] **PREDICTIVE SYSTEM FOR REQUEST APPROVAL**
[54] **SYSTEME PREDICTIF POUR APPROBATION DE DEMANDE**
[72] BERTAGNOLLI, NICOLAS M., US
[72] ROCCO, DOMINICK R., US
[72] COONRADT, CODY A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2021-05-26
[86] 2019-11-22 (PCT/IB2019/060078)
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[30] US (62/773,784) 2018-11-30

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[51] **Int.Cl. A61K 31/4174 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **OPHTHALMIC COMPOSITIONS AND METHODS FOR THE TREATMENT OF SKIN DISEASES AND EYE DISEASES**
[54] **COMPOSITIONS OPHTALMIQUES ET METHODES DE TRAITEMENT DE MALADIES OCULAIRES ET DE MALADIES CUTANEES**
[72] KANDULA, MAHESH, IN
[71] CELLIX BIO PRIVATE LIMITED, IN
[85] 2021-05-26
[86] 2019-11-23 (PCT/IB2019/060094)
[87] (WO2020/109957)
[30] IN (201841044540) 2018-11-26
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[54] **PYRAZOLES AS MODULATORS OF HEMOGLOBIN**
[54] **PYRAZOLES UTILISES UTILISES COMME MODULATEURS DE L'HEMOGLOBINE**
[72] GOPALSAMY, ARIAMALA, US
[72] NARAYANAN, ARJUN VENKAT, US
[72] CASIMIRO-GARCIA, AGUSTIN, US
[72] CHOI, CHULHO, US
[72] HEPWORTH, DAVID, US
[72] PIOTROWSKI, DAVID WALTER, US
[72] YAYLA, HATICE GIZEM, US
[72] JASTI, JAYASANKAR, US
[72] ROBERTS, LEE RICHARD, US
[72] JONES, LYN HOWARD, US
[72] PARIKH, MIHIR DINESHKUMAR, US
[72] CHEN, MING ZHU, US
[72] FADEYI, OLUGBEMINIYI OMEZIA, US
[72] ROBINSON JR., RALPH PELTON, US
[72] DOW, ROBERT LEE, US
[72] CABRAL, SHAWN, US
[71] PFIZER INC., US
[85] 2021-05-26
[86] 2019-11-26 (PCT/IB2019/060171)
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[30] US (62/772,815) 2018-11-29
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[25] EN
[54] **COMPOUNDS USEFUL IN HIV THERAPY**
[54] **COMPOSES UTILES DANS LA THERAPIE DU VIH**
[72] DE LA ROSA, MARTHA ALICIA, US
[72] DUNHAM, RICHARD M, US
[72] MARGOLIS, DAVID, US
[72] TAI, VINCENT WING-FAI, US
[72] TANG, JUN, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[71] VIIV HEALTHCARE COMPANY, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2021-05-26
[86] 2019-11-28 (PCT/IB2019/060267)
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[51] **Int.Cl. H01H 9/56 (2006.01) H01H 7/16 (2006.01) H01H 33/59 (2006.01) H01H 71/12 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MONITORING OPERATION OF A SWITCHING DEVICE FOR CONTROLLED SWITCHING APPLICATIONS**
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE DU FONCTIONNEMENT D'UN DISPOSITIF DE COMMUTATION POUR DES APPLICATIONS DE COMMUTATION COMMANDEES**
[72] KANTA, SOUMYA, IN
[72] PARIKH, URMIL, IN
[72] STANEK, MICHAEL, CH
[71] ABB POWER GRIDS SWITZERLAND AG, CH
[85] 2021-05-26
[86] 2019-12-23 (PCT/IB2019/061266)
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[51] **Int.Cl. A01M 7/00 (2006.01)**
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[54] **AGRICULTURAL SPRAYING SYSTEM**
[54] **SYSTEME DE PULVERISATION AGRICOLE**
[72] STUBER, LUKE, US
[72] STOLLER, JASON, US
[71] PRECISION PLANTING LLC, US
[85] 2021-05-26
[86] 2020-02-25 (PCT/IB2020/051597)
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[30] US (62/820,481) 2019-03-19

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[25] EN
[54] **SYSTEM FOR CONSTRUCTION OF DOUBLE U AND SINGLE U STEEL CONCRETE COMPOSITE STRUCTURE FOR BRIDGES**
[54] **SYSTEME POUR LA CONSTRUCTION D'UNE STRUCTURE COMPOSITE EN BETON ET ACIER EN U DOUBLE ET EN U SIMPLE POUR PONTS**
[72] JEYANTHI RANI, THAVAMANI PANDI, IN
[71] THAVAMANI PANDI, VELLAISAMY, IN
[71] JEYANTHI RANI, THAVAMANI PANDI, IN
[85] 2021-05-26
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[54] **MAGNETIC FIELD PROBE FOR DETERMINING A DISPOSITION OF AN IMPLANTABLE MAGNETIC MARKER**
[54] **SONDE DE CHAMP MAGNETIQUE POUR DETERMINER UNE DISPOSITION D'UN MARQUEUR MAGNETIQUE IMPLANTABLE**
[72] MARTENS, HUBERT CECILE FRANCOIS, NL
[72] SCHERMERS, BRAM, NL
[72] KANEKO, TAKESHI, NL
[72] FRANKEN, JEROEN HENDRIK, NL
[71] SIRIUS MEDICAL SYSTEMS B.V., NL
[85] 2021-05-26
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[54] **VEGAN POTATO EMULSION**
[54] **EMULSION DE POMME DE TERRE VEGETALIENNE**
[72] TORNBERG, EVA, SE
[71] VEG OF LUND AB, SE
[85] 2021-05-26
[86] 2019-11-25 (PCT/SE2019/051192)
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[25] EN
[54] **LOGIC CIRCUITRY**
[54] **CIRCUITS LOGIQUES**
[72] PANSHIN, STEPHEN D., US
[72] WARD, JEFFERSON P., US
[72] LINN, SCOTT A., US
[72] GARDNER, JAMES MICHAEL, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-26
[86] 2018-12-03 (PCT/US2018/063624)
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[51] **Int.Cl. B41J 2/175 (2006.01) B41J 2/045 (2006.01) G06F 12/06 (2006.01) G06F 12/14 (2006.01) G06F 13/42 (2006.01) G06K 15/00 (2006.01) H04L 12/40 (2006.01) H04L 29/06 (2006.01)**
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[54] **LOGIC CIRCUITRY**
[54] **CIRCUIT LOGIQUE**
[72] PANSHIN, STEPHEN D., US
[72] WARD, JEFFERSON P., US
[72] LINN, SCOTT A., US
[72] GARDNER, JAMES MICHAEL, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-26
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[25] EN
[54] **PET FOOD COMPOSITIONS**
[54] **COMPOSITIONS ALIMENTAIRES POUR ANIMAUX DE COMPAGNIE**
[72] JACKSON, MATTHEW, US
[72] JEWELL, DENNIS, US
[72] PANICKAR, KIRAN, US
[71] HILL'S PET NUTRITION, INC., US
[85] 2021-05-26
[86] 2018-12-20 (PCT/US2018/066832)
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[51] **Int.Cl. G01V 3/38 (2006.01)**
[25] EN
[54] **3D INVERSION OF DEEP RESISTIVITY MEASUREMENTS WITH CONSTRAINED NONLINEAR TRANSFORMATIONS**
[54] **INVERSION 3D DE MESURES DE RESISTIVITE PROFONDE A TRANSFORMATIONS NON LINEAIRES CONTRAINTES**
[72] HOU, JUNSHENG, US
[72] BITTAR, MICHAEL S., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2021-05-26
[86] 2019-02-21 (PCT/US2019/018872)
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[51] **Int.Cl. B41J 2/175 (2006.01) G06K 15/00 (2006.01)**
[25] EN
[54] **LOGIC CIRCUITRY**
[54] **ENSEMBLE DE CIRCUITS LOGIQUES**
[72] GARDNER, JAMES MICHAEL, US
[72] LU, SIRENA CHI, US
[72] LINN, SCOTT A., US
[72] PANSHIN, STEPHEN D., US
[72] ROETHIG, DAVID OWEN, US
[72] OLSEN, DAVID N., US
[72] STUDER, ANTHONY D., US
[72] CUMBIE, MICHAEL W., US
[72] WARD, JEFFERSON P., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-26
[86] 2019-04-05 (PCT/US2019/026159)
[87] (WO2020/117307)
[30] US (PCT/US2018/063638) 2018-12-03
[30] US (PCT/US2018/063643) 2018-12-03
[30] US (PCT/US2018/063631) 2018-12-03
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[51] **Int.Cl. B41J 2/175 (2006.01) G06F 3/00 (2006.01)**
[25] EN
[54] **LOGIC CIRCUITRY**
[54] **CIRCUITERIE LOGIQUE**
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A., US
[72] PANSHIN, STEPHEN D., US
[72] WARD, JEFFERSON P., US
[72] ROETHIG, DAVID OWEN, US
[72] OLSEN, DAVID N., US
[72] STUDER, ANTHONY D., US
[72] CUMBIE, MICHAEL W., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-26
[86] 2019-04-05 (PCT/US2019/026161)
[87] (WO2020/117308)
[30] US (PCT/US2018/063638) 2018-12-03
[30] US (PCT/US2018/063643) 2018-12-03
[30] US (PCT/US2018/063631) 2018-12-03
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[54] **PRIVACY PRESERVING ORACLE**
[54] **SERVEUR PRESERVANT LA CONFIDENTIALITE**
[72] VALD, MARGARITA, IL
[72] SHEFFER, YARON, IL
[72] RESHEFF, YEHEZKEL S., IL
[72] SHAHAR, SHIMON, IL
[71] INTUIT INC., US
[85] 2021-05-26
[86] 2019-07-29 (PCT/US2019/043889)
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[30] US (16/427,549) 2019-05-31

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[51] **Int.Cl. C07H 21/00 (2006.01) C07K 2/00 (2006.01) C07K 14/00 (2006.01)**
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[54] **BIDIRECTIONAL MULTI-ENZYMATIC SCAFFOLDS FOR BIOSYNTHESIZING CANNABINOIDS**
[54] **ECHAFAUDAGES MULTIENZYMATIQUES BIDIRECTIONNELS POUR LA BIOSYNTHESE DE CANNABINOIDES**
[72] BUCK, JORDAN, US
[71] KHONA SCIENTIFIC LLC, US
[85] 2021-05-26
[86] 2019-11-25 (PCT/US2019/063029)
[87] (WO2020/112647)
[30] US (62/771,839) 2018-11-27
[30] US (62/836,265) 2019-04-19

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[51] **Int.Cl. C12Q 1/00 (2006.01) C12M 1/00 (2006.01) C12M 1/12 (2006.01) C12M 1/24 (2006.01) C12M 1/34 (2006.01) C12Q 1/22 (2006.01)**
[25] EN
[54] **BIOLOGICAL STERILIZATION INDICATOR**
[54] **INDICATEUR DE STERILISATION BIOLOGIQUE**
[72] BALA, HARRY, US
[72] KOSZYK, RICHARD, US
[72] FIORELLO, ANTHONY, US
[71] AMERICAN STERILIZER COMPANY, US
[85] 2021-05-26
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[30] US (16/203,180) 2018-11-28

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[51] **Int.Cl. A61K 31/155 (2006.01) A61K 31/337 (2006.01) A61K 31/496 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL BIODISSOLVABLE GELS FOR DRUG DELIVERY**
[54] **GELS BIOSOLUBLES PHARMACEUTIQUES POUR L'ADMINISTRATION DE MEDICAMENT**
[72] DING, SHULIN, US
[72] TANG-LIU, DIANE, US
[71] AIVIVA BIOPHARMA, INC., US
[85] 2021-05-26
[86] 2019-11-25 (PCT/US2019/063044)
[87] (WO2020/112655)
[30] US (62/771,529) 2018-11-26

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[51] **Int.Cl. A61M 25/01 (2006.01) A61M 5/178 (2006.01) A61M 25/06 (2006.01) A61M 25/09 (2006.01)**
[25] EN
[54] **SYRINGE-BASED DELIVERY DEVICE FOR A VASCULAR ACCESS INSTRUMENT**
[54] **DISPOSITIF DE POSE A BASE DE SERINGUE POUR UN INSTRUMENT D'ACCES VASCULAIRE**
[72] BURKHOLZ, JONATHAN KARL, US
[72] JEWELL, DEREK, US
[72] SPATARO, JOSEPH, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2021-05-26
[86] 2019-11-25 (PCT/US2019/063063)
[87] (WO2020/112666)
[30] US (62/773,029) 2018-11-29
[30] US (16/691,217) 2019-11-21

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[51] **Int.Cl. C07G 1/00 (2011.01) C08B 1/00 (2006.01) C10L 5/36 (2006.01)**
[25] EN
[54] **LIGNIN EXTRACTION WITH VOLATILE TRIALKYLAMINES**
[54] **EXTRACTION DE LIGNINE A L'AIDE DE TRIALKYLAMINES VOLATILES**
[72] REDKO, MIKHAIL, US
[72] JACKSON, JAMES E., US
[72] SAFFRON, CHRISOPHER M., US
[72] LACIVITA, LEO, US
[71] BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, US
[85] 2021-05-26
[86] 2019-11-26 (PCT/US2019/063139)
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[51] **Int.Cl. A61M 39/16 (2006.01) A61M 39/20 (2006.01)**
[25] EN
[54] **INTEGRATED CONNECTOR AND DISINFECTING CAP WITH RESERVOIR**
[54] **RACCORD ET CAPUCHON DE DESINFECTION INTEGRES AVEC RESERVOIR**
[72] RYAN, KEVIN, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2021-05-26
[86] 2019-11-26 (PCT/US2019/063233)
[87] (WO2020/112760)
[30] US (62/773,551) 2018-11-30

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[25] EN
[54] **ROTARY ACTIVATED UNIVERSAL CONNECTOR CAP**
[54] **CAPUCHON DE CONNECTEUR UNIVERSEL ACTIVE PAR ROTATION**
[72] COYLE, SEAN, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2021-05-26
[86] 2019-11-26 (PCT/US2019/063243)
[87] (WO2020/112767)
[30] US (62/773,539) 2018-11-30

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[25] EN
[54] **COMPRESSION-MOLDED FIBER-COMPOSITE PARTS AND METHODS OF FABRICATION**
[54] **PIECES COMPOSITES RENFORCEES PAR DES FIBRES, MOULEES PAR COMPRESSION ET PROCEDES DE FABRICATION**
[72] ESCOWITZ, ETHAN, US
[72] DAVIDSON, ERICK, US
[71] ARRIS COMPOSITES INC., US
[85] 2021-05-26
[86] 2019-11-26 (PCT/US2019/063285)
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[30] US (62/773,871) 2018-11-30
[30] US (16/695,955) 2019-11-26

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[25] EN
[54] **CLEAN-BURNING GASOLINE ADDITIVE TO ELIMINATE VALVE SEAT RECESSION AND TOXIC DEPOSITS**
[54] **ADDITIF POUR ESSENCE A COMBUSTION PROPRE PERMETTANT D'ELIMINER UNE USURE DE SIEGE DE SOUPAPE ET DES DEPOTS TOXIQUES**
[72] D'ACOSTA, CHRIS, US
[72] ALBUZAT, THOMAS, DE
[72] ZINK, JUSTIN D., US
[72] WEGENHART, BENJAMIN, US
[71] D'ACOSTA, CHRIS, US
[71] ALBUZAT, THOMAS, DE
[71] ZINK, JUSTIN D., US
[71] WEGENHART, BENJAMIN, US
[85] 2021-05-26
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[25] EN
[54] **RNASET2 COMPOSITIONS AND METHODS OF TREATMENT THEREWITH**
[54] **COMPOSITIONS DE RNASET2 ET METHODES DE TRAITEMENT LES UTILISANT**
[72] GONSKY, REBECCA, US
[72] TARGAN, STEPHAN R., US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2021-05-26
[86] 2019-11-26 (PCT/US2019/063429)
[87] (WO2020/112890)
[30] US (62/772,988) 2018-11-29
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[25] EN
[54] **OPTICAL BEACON FOR AUTONOMOUS DEVICE AND AUTONOMOUS DEVICE CONFIGURED TO USE THE SAME**
[54] **BALISE OPTIQUE POUR DISPOSITIF AUTONOME ET DISPOSITIF AUTONOME CONFIGURE POUR UTILISER CELLE-CI**
[72] LEECH, ADAM, US
[72] KHAW, ADAM, US
[72] RICHARDSON, CONOR, US
[71] SHARKNINJA OPERATING LLC, US
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[25] EN
[54] **RELEASE AGENT FOR FOOD NETTING, AND RELATED TREATED NETTING AND METHODS**
[54] **AGENT DE LIBERATION POUR FILET ALIMENTAIRE, ET FILET TRAITE ET PROCEDES ASSOCIES**
[72] NICHOLSON, MYRON D., US
[72] DINH-SYBELDON, ANN, US
[71] VISKASE COMPANIES, INC., US
[85] 2021-05-26
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[54] **METHODS OF PROMOTING HEALTHY CATCH-UP GROWTH**
[54] **PROCEDES POUR FAVORISER LA CROISSANCE DE RATTRAPAGE SAINE**
[72] LOPEZ PEDROSA, JOSE MARIA, ES
[72] RUEDA CABRERA, RICARDO, ES
[72] MANZANO MARTIN, MANUEL, ES
[72] GARCIA MARTINEZ, JORGE, ES
[72] CAMPRUBI ROBLES, MARIA, ES
[72] BUENO VARGAS, PILAR, ES
[72] WALTON, JOSEPH, US
[72] MUSTAD, VIKKIE, US
[71] ABBOTT LABORATORIES, US
[85] 2021-05-26
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[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUS FOR LOCATING OBJECTS**
[54] **SYSTEMES, PROCEDES ET APPAREIL DE LOCALISATION D'OBJETS**
[72] LAMONT, CARL, US
[71] LAMONT, CARL, US
[85] 2021-05-26
[86] 2019-11-27 (PCT/US2019/063765)
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[25] EN
[54] **METHODS OF STRATIFYING AND TREATING A SUB-POPULATION OF INFLAMMATORY BOWEL DISEASE PATIENTS**
[54] **PROCEDES DE CLASSIFICATION ET DE TRAITEMENT D'UNE SOUS-POPULATION DE PATIENTS ATTEINTS D'UNE MALADIE INTESTINALE INFLAMMATOIRE**
[72] GONSKY, REBECCA, US
[72] TARGAN, STEPHAN R., US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2021-05-26
[86] 2019-11-27 (PCT/US2019/063770)
[87] (WO2020/113116)
[30] US (62/773,020) 2018-11-29
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[25] EN
[54] **HETERODIMERIC TETRAVALENCY AND SPECIFICITY ANTIBODY COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS HETERODIMERES D'ANTICORPS A SPECIFIQUES ET A TETRAVALENTS, ET UTILISATIONS DE CELLES-CI**
[72] SANTICH, BRIAN, US
[72] CHEUNG, NAI-KONG V., US
[72] HUSE, MORGAN, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2021-05-26
[86] 2019-11-29 (PCT/US2019/063854)
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[54] **BIOLOGICAL DEGRADATION OF LOW-RANK COALS**
[54] **DEGRADATION BIOLOGIQUE DE CHARBONS DE BAS RANG**
[72] DANQUAH, MICHAEL K., US
[72] CHISHOLM, ROBERT D., US
[72] WELSH, ALLANA K., US
[72] PERRY, LESLIE M., US
[72] HINCHEE, MAUD A.W., US
[72] RAJAGOPAL, SMRITHI, US
[72] REDUBLO, JOSH J., US
[71] TENFOLD TECHNOLOGIES, LLC, US
[71] DANQUAH, MICHAEL K., US
[71] CHISHOLM, ROBERT D., US
[71] WELSH, ALLANA K., US
[71] PERRY, LESLIE M., US
[71] HINCHEE, MAUD A.W., US
[71] RAJAGOPAL, SMRITHI, US
[71] REDUBLO, JOSH J., US
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[25] EN
[54] **NEXT-GENERATION MOLECULAR PROFILING**
[54] **PROFILAGE MOLECULAIRE DE NOUVELLE GENERATION**
[72] ABRAHAM, JIM, US
[72] SPETZLER, DAVID, US
[72] HELMSTETTER, ANTHONY, US
[72] KORN, WOLFGANG MICHAEL, US
[72] MAGEE, DANIEL, US
[71] CARIS MPI, INC., US
[85] 2021-05-26
[86] 2019-12-02 (PCT/US2019/064078)
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[25] EN
[54] **CONTROLLING PRODUCTION OF H2S IN BEVERAGES FOR PACKING IN ALUMINUM CONTAINING PACKAGES**
[54] **REGULATION DE PRODUCTION DE H2S DANS DES BOISSONS A EMBALLER DANS DES EMBALLAGES CONTENANT DE L'ALUMINIUM**
[72] TRELA, BRENT C., US
[71] BALL CORPORATION, US
[85] 2021-05-26
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[51] **Int.Cl. G16B 15/00 (2019.01) C12N 15/62 (2006.01)**
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[54] **REAGENTS AND METHODS FOR CONTROLLING PROTEIN FUNCTION AND INTERACTION**
[54] **REACTIFS ET PROCEDES DE REGULATION DE LA FONCTION ET DE L'INTERACTION DE PROTEINES**
[72] BAKER, DAVID, US
[72] CUNNINGHAM-BRYANT, DANIEL, US
[72] DIETER, EMILY, US
[72] FOIGHT, GLENNA, US
[72] GREISEN, PER, US
[72] MALY, DUSTIN, US
[72] PARK, KEUNWAN, US
[72] WANG, ZHIZHI, US
[72] WEI, CINDY, US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2021-05-26
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[25] EN
[54] **LOGIC CIRCUITRY PACKAGE**
[54] **BOITIER DE CIRCUIT LOGIQUE**
[72] GARDNER, JAMES MICHAEL, US
[72] RING, JAMES WILLIAM, US
[72] ROETHIG, DAVID OWEN, US
[72] BAKKER, CHRISTOPHER HANS, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-26
[86] 2019-12-03 (PCT/US2019/064213)
[87] (WO2020/117786)
[30] US (PCT/US2018/063631) 2018-12-03
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[25] EN
[54] **REPLACEABLE PRINT APPARATUS COMPONENT**
[54] **COMPOSANT D'APPAREIL D'IMPRESSION REMPLACABLE**
[72] CUMBIE, MICHAEL W., US
[72] LINN, SCOTT A., US
[72] GARDNER, JAMES MICHAEL, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-26
[86] 2019-12-03 (PCT/US2019/064226)
[87] (WO2020/117797)
[30] US (PCT/US2018/063631) 2018-12-03
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[25] EN
[54] **A MULTI-INPUT, MULTI-OUTPUT ACTUATOR AND ASSEMBLIES USING SAME**
[54] **ACTIONNEUR A ENTREES MULTIPLES ET SORTIES MULTIPLES ET ENSEMBLES UTILISANT CE DERNIER**
[72] MORIARTY, THOMAS, US
[72] GIOVANARDI, MARCO, US
[72] INIRIO, HECTOR A., US
[72] MADDEN, PETER, US
[71] INDIGO TECHNOLOGIES, INC., US
[85] 2021-05-26
[86] 2019-12-03 (PCT/US2019/064263)
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[30] US (62/774,813) 2018-12-03
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[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/0486 (2013.01) G01N 29/00 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **PRECISE VALUE SELECTION WITHIN LARGE VALUE RANGES**
[54] **SELECTION PRECISE D'UNE VALEUR DANS DES PLAGES DE VALEURS ETENDUES**
[72] RATERING, RALF, US
[71] GE INSPECTION TECHNOLOGIES, LP., US
[85] 2021-05-26
[86] 2019-12-04 (PCT/US2019/064360)
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[51] **Int.Cl. A61K 48/00 (2006.01) C07K 14/005 (2006.01) C07K 14/015 (2006.01) C12N 15/86 (2006.01) C12N 15/864 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **RECOMBINANT ADENO-ASSOCIATED VIRAL VECTOR FOR GENE DELIVERY**
[54] **VECTEUR VIRAL ADENO-ASSOCIE RECOMBINE POUR L'INSERTION DE GENES**
[72] MILLER, TIMOTHY J., US
[72] PADEGIMAS, LINAS, US
[71] ABEONA THERAPEUTICS INC., US
[85] 2021-05-26
[86] 2019-12-04 (PCT/US2019/064396)
[87] (WO2020/117898)

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[51] **Int.Cl. A47K 10/32 (2006.01) A47K 5/06 (2006.01)**
[25] EN
[54] **DISPENSER LATCHING SYSTEM**
[54] **SYSTEME DE VERROUILLAGE DE DISTRIBUTEUR**
[72] CUNEFARE, KENNETH A., US
[72] MAGUIRE, DARREN MICAH, US
[72] MATHIS, ANNABELLE FAITH, US
[72] ORR, HANNAH MARGARET, US
[72] SCHAEFFER, NATALIE CLAIRE, US
[72] SHELNUTT, DOW COPELAND, US
[72] UBERSOX, HUNTER DORSEY, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2021-05-26
[86] 2019-12-04 (PCT/US2019/064504)
[87] (WO2020/117956)
[30] US (62/775,276) 2018-12-04

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[51] **Int.Cl. H04W 12/06 (2021.01) H04W 12/04 (2021.01)**
[25] EN
[54] **SINGLE SIGN-ON USING SMART CREDENTIAL**
[54] **AUTHENTIFICATION UNIQUE A L'AIDE D'UN JUSTIFICATIF D'IDENTITE INTELLIGENT**
[72] MALLINSON, MICHAEL, US
[72] REILLY, IAN, US
[72] JAYAPRAKASH, RATHNAVALLI, US
[72] LYNESS, MARTIN, US
[72] GERLACH, TIM, US
[71] ENTRUST, INC., US
[85] 2021-05-26
[86] 2019-12-06 (PCT/US2019/064892)
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[30] US (62/776,337) 2018-12-06

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[51] **Int.Cl. C09J 127/06 (2006.01) C09D 127/06 (2006.01) C09D 127/24 (2006.01) C09J 127/24 (2006.01)**
[25] EN
[54] **COMPOSITIONS INCLUDING PVC OR CPVC**
[54] **COMPOSITIONS COMPRENANT DU PVC OU DU CPVC**
[72] FLORES-VASQUEZ, JAIME A., US
[72] ASIRVATHAM, EDWARD, US
[72] MOUDGIL, KARTTIKAY, US
[71] ADVANSIX RESINS & CHEMICALS LLC., US
[85] 2021-05-26
[86] 2019-12-09 (PCT/US2019/065159)
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[30] US (62/777,280) 2018-12-10

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[51] **Int.Cl. A63G 7/00 (2006.01) A63G 31/16 (2006.01)**
[25] EN
[54] **RIDE VEHICLE RESTRAINT SYSTEM**
[54] **SYSTEME DE RETENUE DE VEHICULE DE MANEGE**
[72] MALATEK, GARRETT, US
[72] WILCOX, RACHEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2021-05-26
[86] 2019-12-09 (PCT/US2019/065174)
[87] (WO2020/123352)
[30] US (62/780,060) 2018-12-14
[30] US (16/432,709) 2019-06-05

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[51] **Int.Cl. G02B 27/01 (2006.01) H04N 13/344 (2018.01) G02B 27/00 (2006.01)**
[25] EN
[54] **DYNAMIC CONVERGENCE ADJUSTMENT IN VIRTUAL REALITY HEADSETS**
[54] **AJUSTEMENT DE CONVERGENCE DYNAMIQUE DANS DES CASQUES DE REALITE VIRTUELLE**
[72] LIN, YU-JEN, US
[72] GOERGEN, PATRICK JOHN, US
[72] GRAHAM, MARTIN EVAN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2021-05-26
[86] 2019-12-09 (PCT/US2019/065184)
[87] (WO2020/123357)
[30] US (62/777,545) 2018-12-10
[30] US (16/226,471) 2018-12-19

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[51] **Int.Cl. G06F 21/44 (2013.01) G06F 21/74 (2013.01) G06F 21/85 (2013.01) B41J 2/175 (2006.01) G06F 13/42 (2006.01) G06K 15/00 (2006.01)**
[25] EN
[54] **LOGIC CIRCUITRY**
[54] **CIRCUIT LOGIQUE**
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A., US
[72] PANSHIN, STEPHEN D., US
[72] WARD, JEFFERSON P., US
[72] ROETHIG, DAVID OWEN, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-27
[86] 2018-12-03 (PCT/US2018/063643)
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[51] **Int.Cl. A61K 31/198 (2006.01) A61K 9/00 (2006.01) A61K 31/5415 (2006.01)**
[25] EN
[54] **COMPOSITION AND USE FOR THE TREATMENT OF PARKINSON'S DISEASE AND RELATED DISORDERS**
[54] **COMPOSITION ET SON UTILISATION POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON ET DE TROUBLES APPARENTES**
[72] CHASE, THOMAS N., US
[72] CLARENCE-SMITH, KATHLEEN E., US
[71] CHASE THERAPEUTICS CORPORATION, US
[85] 2021-05-27
[86] 2019-09-24 (PCT/US2019/052705)
[87] (WO2020/068832)
[30] US (62/735,997) 2018-09-25
[30] US (62/785,602) 2018-12-27
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[30] US (62/817,274) 2019-03-12
[30] US (62/840,539) 2019-04-30

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[51] **Int.Cl. B65D 33/00 (2006.01) B65D 33/25 (2006.01)**
[25] EN
[54] **STORAGE BAG WITH IMPROVED GRIPPING FEATURES**
[54] **SAC DE STOCKAGE A CARACTERISTIQUES DE PREHENSION AMELIOREES**
[72] DAIS, BRIAN C., US
[72] PORCHIA, JOSE, US
[72] ZIMMERMAN, DANIEL P., US
[71] S.C. JOHNSON & SON, INC., US
[85] 2021-05-27
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[30] US (16/252,163) 2019-01-18

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[51] **Int.Cl. C09D 11/20 (2006.01) C09D 11/17 (2014.01) B43K 5/02 (2006.01) B43K 5/16 (2006.01) B43K 5/18 (2006.01)**
[25] EN
[54] **HEAT REACTIVE COMPOSITION AND APPLICATOR APPARATUS AND METHOD**
[54] **COMPOSITION THERMOREACTIVE ET APPAREIL ET PROCEDE D'APPLICATION**
[72] VAN AUKEN, EVAN, US
[71] VAN AUKEN, EVAN, US
[85] 2021-05-27
[86] 2019-10-18 (PCT/US2019/056990)
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[30] US (16/205,749) 2018-11-30

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[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **MULTIPORTS HAVING CONNECTION PORTS WITH ROTATING ACTUATORS AND METHOD FOR MAKING THE SAME**
[54] **PORTS MULTIPLES AYANT DES PORTS DE CONNEXION AVEC DES ACTIONNEURS ROTATIFS ET LEURS PROCEDES DE FABRICATION**
[72] COTE, MONIQUE LISE, US
[72] ROSSON, JOEL CHRISTOPHER, US
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
[85] 2021-05-27
[86] 2019-11-13 (PCT/US2019/061129)
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[51] **Int.Cl. A61K 31/706 (2006.01) A61K 31/4184 (2006.01)**
[25] EN
[54] **COMBINATION THERAPIES FOR HIGH AND VERY HIGH RISK MDS**
[54] **POLYTHERAPIES POUR MDS A HAUT ET TRES HAUT RISQUE**
[72] GHALIE, RICHARD, US
[71] MEI PHARMA, INC., US
[85] 2021-05-27
[86] 2019-11-26 (PCT/US2019/063360)
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[51] **Int.Cl. H05B 39/04 (2006.01)**
[25] EN
[54] **MULTI-LOCATION LOAD CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE CHARGE A POSITIONS MULTIPLES**
[72] BROGAN, QUINN, US
[72] HAUSMAN, DONALD, F., JR., US
[72] KRYKPAYEV, BAUYRZHAN, US
[72] NEWMAN, ROBERT, C., JR., US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
[85] 2021-05-27
[86] 2019-11-26 (PCT/US2019/063416)
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[30] US (62/773,786) 2018-11-30
[30] US (62/806,339) 2019-02-15

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[51] **Int.Cl. G06F 16/24 (2019.01) G06Q 10/10 (2012.01) G06Q 40/08 (2012.01) G06Q 50/18 (2012.01) G06F 16/245 (2019.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPLEMENTING SEARCH AND RECOMMENDATION TOOLS FOR ATTORNEY SELECTION**
[54] **SYSTEMES ET PROCEDES DE MISE EN □UVRE D'OUTILS DE RECHERCHE ET DE RECOMMANDATION POUR LA SELECTION D'AVOCATS**
[72] JIA, ZHE, US
[72] NATHAN, HARI SARANG, US
[72] LI, SHENGNAN, US
[71] CLARA ANALYTICS, INC., US
[85] 2021-05-27
[86] 2019-11-26 (PCT/US2019/063435)
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[30] US (62/773,133) 2018-11-29

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[51] **Int.Cl. C12N 9/22 (2006.01) A61K 9/127 (2006.01) A61K 31/7088 (2006.01) C12N 15/11 (2006.01) C12N 15/88 (2006.01)**
[25] EN
[54] **OPTIMIZED MRNA ENCODING CAS9 FOR USE IN LNPS**
[54] **CAS9 DE CODAGE D'ARNM OPTIMISE DESTINE A ETRE UTILISE DANS DES LNP**
[72] CHENG, CHRISTOPHER J., US
[72] SCHARENBERG, ANDREW, US
[72] WANG, KUI, US
[72] SANE, SHAILENDRA, US
[71] CRISPR THERAPEUTICS AG, CH
[71] BAYER HEALTHCARE LLC, US
[85] 2021-05-27
[86] 2019-11-26 (PCT/US2019/063456)
[87] (WO2020/112908)
[30] US (62/772,278) 2018-11-28

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[51] **Int.Cl. D21H 11/08 (2006.01) D01F 2/00 (2006.01) D21H 11/00 (2006.01)**
[25] EN
[54] **TISSUE PAPER WITH REDUCED FIBER AND METHODS OF MANUFACTURE**
[54] **PAPIER OUATE A FIBRES REDUITES ET PROCEDES DE FABRICATION**
[72] GONZALEZ, RONALDS W., US
[72] ZAMBRANO, FRANKLIN J., US
[72] JAMEEL, HASAN, US
[72] VENDITTI, RICHARD A., US
[72] PAL, LOKENDRA, US
[71] NORTH CAROLINA STATE UNIVERSITY, US
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[54] **PHARMACEUTICAL FORMULATIONS CONTAINING RELACORILANT, A HETEROARYL-KETONE FUSED AZADECALIN COMPOUND**
[54] **FORMULATIONS PHARMACEUTIQUES CONTENANT UN RELACORILANT, UN COMPOSE AZADECALINE FUSIONNE AVEC UNE HETEROARYLCETONE**
[72] SCOTT, IAN, US
[72] LEMONS, TRAVIS, US
[72] ALSMEYER, YAN, US
[72] CHIA, YIP-FONG, US
[72] ARBOLEDA, STEPHEN, US
[71] CORCEPT THERAPEUTICS INCORPORATED, US
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[54] **MOUTH GUARD HAVING USER-NOTIFICATION FEATURE OF IMPACT FORCE AND METHOD OF MAKING THE SAME**
[54] **PROTEGE-DENTS A CARACTERISTIQUE DE NOTIFICATION D'UTILISATEUR DE FORCE DE CHOC ET SON PROCEDE DE FABRICATION**
[72] GONZALES, ANTHONY, M., US
[72] MERRIMAN, ROBERT, M., US
[72] MERRIMAN, SUSAN, M., US
[72] COOPER, CHRISTOPHER T., CA
[71] FORCE IMPACT TECHNOLOGIES, INC., US
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[54] **DEVICE AND METHOD FOR SELECTIVE APPLICATION OF TOPICAL COMPOSITION USING DYNAMIC THRESHOLD VALUES**
[54] **DISPOSITIF ET PROCEDE D'APPLICATION SELECTIVE DE COMPOSITION TOPIQUE A L'AIDE DE VALEURS SEUILS DYNAMIQUES**
[72] EDGAR, ALBERT DURR, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[30] US (62/785,452) 2018-12-27

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[51] **Int.Cl. A61B 5/103 (2006.01) A61B 5/00 (2006.01)**
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[54] **DEVICE AND METHOD FOR APPLICATION OF TOPICAL COMPOSITIONS GUIDED BY PROJECTED FIDUCIALS**
[54] **DISPOSITIF ET PROCEDE D'APPLICATION DE COMPOSITIONS TOPIQUES GUIDEE PAR DES REPERES PROJETES**
[72] EDGAR, ALBERT DURR, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **MATERIAL TRANSFER VEHICLE WITH MOVABLE OPERATOR'S PLATFORM**
[54] **VEHICULE DE TRANSFERT DE MATERIAU POURVU D'UNE PLATEFORME D'OPERATEUR MOBILE**
[72] NEISEN, MATTHEW, US
[71] ROADTEC, INC., US
[85] 2021-05-27
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[54] **DOOR ASSEMBLY HAVING A SOFT BOTTOMED DOOR PANEL AND SYSTEM AND METHOD OF DRIVING THE SAME**
[54] **ENSEMBLE PORTE AYANT UN PANNEAU DE PORTE A FOND SOUPLE ET SYSTEME ET PROCEDE D'ENTRAINEMENT DE CELUI-CI**
[72] DRIFKA, BRIAN NORBERT, US
[72] KAMPA, SETH EDWARD, US
[72] BIETZER, GABRIEL JOHN, US
[71] RYTEC CORPORATION, US
[85] 2021-05-27
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[54] **DIARYLHYDANTOIN COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSES DIARYLHYDANTOINE ET LEURS PROCEDES D'UTILISATION**
[72] PETTIGREW, JEREMY D., US
[72] CHAKRAVARTY, SARVAJIT, US
[72] PHAM, SON MINH, US
[72] CHEN, JIYUN, US
[72] KANKANALA, JAYAKANTH, US
[72] NAYAK, ANJAN KUMAR, US
[72] BARDE, ANUP, US
[72] PUJALA, BRAHMAM, US
[71] NUVATION BIO INC., US
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[54] **PLATELETS AS DELIVERY AGENTS**
[54] **PLAQUETTES UTILISEES COMME AGENTS D'ADMINISTRATION**
[72] MOSKOWITZ, KEITH ANDREW, US
[72] JORDA, RAFAEL, US
[72] ZHENG, YING YI, US
[72] LEE, AMBER NICOLE, US
[72] KUHN, BENJAMIN J., US
[71] CELLPHIRE, INC., US
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[54] **ELECTROSTATIC SPRAY DRYING NOZZLE ASSEMBLY**
[54] **ENSEMBLE BUSE DE SECHAGE PAR PULVERISATION ELECTROSTATIQUE**
[72] ACKERMAN, THOMAS, US
[72] WEE SIT, LYNDON, US
[72] WEINSTEIN, DONALD, US
[72] HUFFMAN, DAVE, US
[71] SPRAYING SYSTEMS CO., US
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[54] **PYRROLE AND PYRAZOLE COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSES PYRROLE ET PYRAZOLE ET LEURS PROCEDES D'UTILISATION**
[72] PETTIGREW, JEREMY D., US
[72] CHAKRAVARTY, SARVAJIT, US
[72] PHAM, SON MINH, US
[72] CHEN, JIYUN, US
[72] KANKANALA, JAYAKANTH, US
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[72] BARDE, ANUP, US
[72] PUJALA, BRAHMAM, US
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[54] **APPARATUS AND METHODS FOR CLOSING VESSELS**
[54] **APPAREIL ET PROCEDES POUR FERMETURE DE VAISSEAUX**
[72] HILL, BRADLEY B., US
[72] HONG, JAMES, US
[72] QI, WENKANG, US
[72] BRYAN, DUENAS, US
[71] VENOVATION INC., US
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[54] **STRUCTURAL DESIGN PRINCIPLES FOR DIAGONAL BRACINGS IN TRUSS AND BEAM SUPPORT SYSTEMS**
[54] **PRINCIPES DE CONCEPTION STRUCTURELLE POUR ENTRETOISES DIAGONALES DANS DES SYSTEMES DE SUPPORT DE POUTRE ET DE FERME**
[72] BERTOLDI, KATIA, US
[72] FERNANDES, MATHEUS C., US
[72] WEAVER, JAMES C., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2021-05-27
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[54] **METHOD AND SYSTEM OF FOOD PRODUCT COMPARISON**
[54] **PROCEDE ET SYSTEME DE COMPARAISON DE PRODUITS ALIMENTAIRES**
[72] KULASOORIYA, MANI, US
[71] CODIFY AI INC., US
[85] 2021-05-27
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[54] **TORQUE LIMITING FASTENER**
[54] **ELEMENT DE FIXATION DE LIMITATION DE COUPLE**
[72] TAMM, CARL RUSSEL, US
[72] WOLF, RANDY L., US
[71] CLASSIC CONNECTORS, INC., US
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[25] EN
[54] **DATA PROCESSING SYSTEM FOR GENERATING PREDICTIONS OF COGNITIVE OUTCOME IN PATIENTS**
[54] **SYSTEME DE TRAITEMENT DE DONNEES POUR GENERER DES PREDICTIONS DE RESULTAT COGNITIF CHEZ DES PATIENTS**
[72] MAHON, BRADFORD, US
[72] PARKINS, KEITH, US
[72] SIMS, MAX, US
[72] CHERNOFF, BENJAMIN, US
[72] ANGULO-ORQUERA, HUGO, US
[71] CARNEGIE MELLON UNIVERSITY, US
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[54] **DISPERSIONS AQUEUSES DE POLYURETHANE ET LEUR PREPARATION**
[72] DONATE, FELIPE A., US
[72] WACHOWICZ, REBECCA J., US
[72] HOCK, ELLEN D., US
[72] TRUMBLE, JASON L., US
[72] LAITAR, DAVID S., US
[72] CADE, KEOSHA L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **MILLED ROADWAY FEATURES FOR CABLE AND TAPE PATHWAYS**
[54] **ELEMENTS DE CHAUSSEE BROYES POUR CHEMINS DE CABLES ET DE BANDES**
[72] DUPUIS, DAVID MONTALION, US
[72] KIPKE, CARY ALAN, US
[72] LARSON, DONALD KENT, US
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
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[54] **METHODS FOR EX VIVO EXPANSION OF NATURAL KILLER CELLS AND USE THEREOF**
[54] **PROCEDES POUR L'EXPANSION EX VIVO DE CELLULES TUEUSES NATURELLES ET UTILISATION ASSOCIEE**
[72] SHPALL, ELIZABETH, US
[72] REZVANI, KATY, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **GENE THERAPIES FOR NEURODEGENERATIVE DISEASE**
[54] **THERAPIES GENIQUES POUR MALADIE NEURODEGENERATIVE**
[72] ABELIOVICH, ASA, US
[72] HECKMAN, LAURA, US
[72] RHINN, HERVE, US
[71] PREVAIL THERAPEUTICS, INC., US
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[54] **METHOD FOR PRODUCING HALOAMINES AND HALOAMINE SOLUTIONS**
[54] **PROCEDE DE PRODUCTION D'HALOAMINES ET DE SOLUTIONS D'HALOAMINE**
[72] LAUNAY, BRUNO, FR
[72] KUZNETSOV, DIMITRI, US
[72] MCNEEL, THOMAS, US
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
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[54] **METHOD AND SYSTEM FOR GAS TRANSFER TYPE FINE POWDER QUANTITATIVE FEEDING**
[54] **PROCEDE ET SYSTEME D'ALIMENTATION DE VOLUME CONSTANT DE POUDRE FINE, DU TYPE TRANSPORTEUR PAR GAZ**
[72] KIMURA, SO, JP
[72] SATO, AKIRA, JP
[71] KINBOSHI INC., JP
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[54] **DETECTEUR D'OBJET SUSPECT ET ANORMAL**
[72] KIMURA, DAISUKE, JP
[71] ASILLA, INC., JP
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[54] **HEAT UTILIZATION SYSTEM, AND HEAT GENERATING DEVICE**
[54] **SYSTEME D'UTILISATION DE CHALEUR ET DISPOSITIF DE PRODUCTION DE CHALEUR**
[72] IWAMURA, YASUHIRO, JP
[72] ITO, TAKEHIKO, JP
[72] KASAGI, JIROTA, JP
[72] YOSHINO, HIDEKI, JP
[72] HIRANO, SHOTARO, JP
[72] ISE, MASAHIDE, JP
[72] IBARAKI, TETSUHARU, JP
[71] CLEAN PLANET INC., JP
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[25] EN
[54] **FERRITIC STAINLESS STEEL HAVING IMPROVED CORROSION RESISTANCE, AND MANUFACTURING METHOD THEREFOR**
[54] **ACIER INOXYDABLE FERRITIQUE AYANT UNE RESISTANCE A LA CORROSION AMELIOREE ET SON PROCEDE DE FABRICATION**
[72] KIM, KWANG MIN, KR
[72] OH, KKOCH NIM, KR
[72] KIM, DONG-HOON, KR
[71] POSCO, KR
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[25] EN
[54] **STEEL PLATE HAVING EXCELLENT HEAT AFFECTED ZONE TOUGHNESS AND METHOD FOR MANUFACTURING THEREOF**
[54] **TOLE D'ACIER AYANT UNE EXCELLENTE TENACITE DE ZONE AFFECTEE PAR LA CHALEUR ET SON PROCEDE DE FABRICATION**
[72] SO, TAE-IL, KR
[72] KANG, SANG-DEOK, KR
[71] POSCO, KR
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[54] **ANTI-4-1BB ANTIBODY AND USE THEREOF**
[54] **ANTICORPS ANTI-4-1BB ET SON UTILISATION**
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[72] LEE, YANGSOON, KR
[72] CHUNG, HYEJIN, KR
[72] JUNG, UIJUNG, KR
[72] PAK, YOUNGDON, KR
[72] JEONG, JUN HYUN, KR
[72] KIM, YEUNJU, KR
[72] AHN, SEAWON, KR
[72] SUNG, BYUNGJE, KR
[71] ABL BIO INC., KR
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[54] **METHOD OF INTRA PREDICTING A BLOCK OF A PICTURE**
[54] **PROCEDE DE PREDICTION INTRA D'UN BLOC D'UNE IMAGE**
[72] FILIPPOV, ALEXEY KONSTANTINOVICH, CN
[72] RUFITSKIY, VASILY ALEXEEVICH, CN
[72] CHEN, JIANLE, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **THE METHOD OF EFFICIENT SIGNALLING OF CBF FLAGS**
[54] **PROCEDE DE SIGNALISATION EFFICACE DE DRAPEAUX CBF**
[72] CHERNYAK, ROMAN IGOREVICH, CN
[72] ZHAO, YIN, CN
[72] IKONIN, SERGEY YURIEVICH, CN
[72] CHEN, JIANLE, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **ATTELAGE**
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[71] HUGHES ASSET GROUP PTY LTD, AU
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[25] EN
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[54] **SYSTEME DE MONTAGE DE PANNEAU**
[72] CAVASINNI, DANIEL, AU
[71] CSR BUILDING PRODUCTS LIMITED, AU
[85] 2021-05-27
[86] 2019-12-10 (PCT/AU2019/051350)
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[51] **Int.Cl. C09J 9/02 (2006.01) C09J 7/10 (2018.01) C09J 175/00 (2006.01)**
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[54] **LATENTLY REACTIVE POLYURETHANE-BASED ADHESIVE FILM**
[54] **FILM ADHESIF A REACTIVITE LATENTE A BASE DE POLYURETHANE**
[72] KELSCH, ANNETTE, DE
[72] AST, JANA, DE
[72] SCHINDLER, KERSTIN, DE
[71] LOHMANN GMBH & CO. KG, DE
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[25] EN
[54] **USE OF A SUCTION CLEANING ATTACHMENT OF A CLEANING DEVICE FOR THE INTERIOR CLEANING OF MOTOR VEHICLES**
[54] **UTILISATION D'UN ADAPTATEUR DE NETTOYAGE PAR ASPIRATION D'UN DISPOSITIF DE NETTOYAGE POUR LE NETTOYAGE INTERIEUR DE VEHICULES AUTOMOBILES**
[72] ENNING, RICHARD, DE
[72] VAN DE POL, CORNELIS, DE
[71] MR. WASH AUTOSERVICE AG, DE
[85] 2021-05-27
[86] 2019-04-15 (PCT/EP2019/059699)
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[51] **Int.Cl. A43B 13/18 (2006.01) A43B 13/12 (2006.01)**
[25] EN
[54] **SOLE FOR A RUNNING SHOE WITH CHANNEL CUSHIONING**
[54] **SEMELLE DE CHAUSSURE DE COURSE POURVUE DE CANAUX D'AMORTISSEMENT**
[72] BERNHARD, OLIVIER, CH
[72] HEITZ, ILMARIN, CH
[71] ON CLOUDS GMBH, CH
[85] 2021-05-27
[86] 2019-10-22 (PCT/EP2019/078671)
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[25] EN
[54] **WEARABLE DEVICE TO LIFT AREAS OF SKIN**
[54] **DISPOSITIF A PORTER POUR LEVER DES ZONES DE LA PEAU**
[72] TWYDELL-SATTERLY, BETINA, GB
[71] TWYDELL-SATTERLY, BETINA, GB
[85] 2021-05-27
[86] 2019-11-21 (PCT/EP2019/082091)
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[30] GB (1819287.2) 2018-11-27

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[51] **Int.Cl. C11B 1/02 (2006.01) C11B 1/04 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING A LOW-FAT PRODUCT AND A SYSTEM FOR PRODUCING A LOW-FAT PRODUCT**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT A FAIBLE TENEUR EN MATIERE GRASSE ET SYSTEME DE PRODUCTION D'UN PRODUIT A FAIBLE TENEUR EN MATIERE GRASSE**
[72] LUDVIGSEN, BENT, DK
[72] MADSEN, BENT, DK
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2021-05-27
[86] 2019-11-21 (PCT/EP2019/082107)
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[54] **APTAMERS AGAINST IMATINIB**
[54] **APTAMERES CONTRE L'IMATINIB**
[72] REINEMANN, CHRISTINE, GB
[72] BARNES, EDWARD, GB
[72] BUNKA, DAVID HARRY JOHN, GB
[72] TOLLEY, ARRON CRAIG, GB
[71] APTAMER DIAGNOSTICS LIMITED, GB
[85] 2021-05-27
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[54] **APPARATUS FOR SOLAR TRACKING**
[54] **APPAREIL DE SUIVI SOLAIRE**
[72] DUFFIN, ANTHONY ROY, GB
[72] DUFFIN, THOMAS CHARLES, GB
[71] DUFFIN ASSOCIATES LIMITED, GB
[85] 2021-05-27
[86] 2019-11-28 (PCT/GB2019/053371)
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[30] GB (1819375.5) 2018-11-28

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[25] EN
[54] **USE OF CANNABINOIDS IN THE TREATMENT OF EPILEPSY**
[54] **UTILISATION DE CANNABINOIDES DANS LE TRAITEMENT DE L'EPILEPSIE**
[72] GUY, GEOFFREY, GB
[72] KNAPPERTZ, VOLKER, GB
[71] GW RESEARCH LIMITED, GB
[85] 2021-05-27
[86] 2019-11-28 (PCT/GB2019/053372)
[87] (WO2020/109806)
[30] GB (1819573.5) 2018-11-30

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[51] **Int.Cl. G01N 33/543 (2006.01) G16C 20/00 (2019.01)**
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[54] **ASSAY ANALYSIS**
[54] **ANALYSE DE DOSAGE**
[72] KILFEATHER, STEPHEN, GB
[71] AEIRTEC LTD, GB
[85] 2021-05-27
[86] 2019-12-16 (PCT/GB2019/053566)
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[54] **MODIFIED ANTIBODIES**
[54] **ANTICORPS MODIFIES**
[72] DAVIS, SIMON JOHN, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[85] 2021-05-27
[86] 2019-12-17 (PCT/GB2019/053570)
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[25] EN
[54] **MULTIPORT ASSEMBLIES INCLUDING ACCESS APERTURES AND A RELEASE TOOL**
[54] **ENSEMBLES MULTIPORTS COMPRENANT DES OUVERTURES D'ACCES ET UN OUTIL DE LIBERATION**
[72] COTE, MONIQUE LISE, US
[72] ROSSON, JOEL CHRISTOPHER, US
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
[85] 2021-05-27
[86] 2019-11-14 (PCT/US2019/061420)
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[30] US (16/204,382) 2018-11-29

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[25] EN
[54] **SILO BAGS WITH NON-UNIFORM THICKNESS AND METHODS OF PRODUCING**
[54] **SACS DE SILO PRESENTANT UNE EPAISSEUR NON UNIFORME ET PROCEDES DE PRODUCTION**
[72] GARG, AKANKSHA, US
[72] LOKHANDE, ASHISHKUMAR S., IN
[72] VALAVALA, PAVAN KUMAR, US
[72] RUIZ, JOSE EDUARDO, US
[72] ZANETTI, MAXIMILIANO, AR
[72] KOPPI, KURT A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] PBBPOLISUR S.R.L., AR
[85] 2021-05-27
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR REDUCING MAJOR THROMBOTIC EVENTS IN CANCER PATIENTS**
[54] **COMPOSITIONS ET METHODES POUR REDUIRE LES EVENEMENTS THROMBOTIQUES MAJEURS CHEZ LES PATIENTS CANCEREUX**
[72] ZWICKER, JEFFREY I., US
[72] FURIE, BRUCE, US
[72] STOPA, JACK DAVIS, US
[72] FLAUMENHAFT, ROBERT, US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[85] 2021-05-27
[86] 2019-11-26 (PCT/US2019/063328)
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[54] **AMUSEMENT PARK RIDE VIBRATION SYSTEM**
[54] **SYSTEME DE VIBRATION DE MANEGE**
[72] RODRIGUEZ, WILLIAM, US
[72] WILCOX, RACHEL, US
[72] MALATEK, GARRETT, US
[72] ALARCON, LUIS CARLOS, US
[72] PRIMM, KEVIN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2021-05-26
[86] 2019-12-09 (PCT/US2019/065285)
[87] (WO2020/123405)
[30] US (62/779,347) 2018-12-13
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[25] EN
[54] **CORE TUBE HANDLING DEVICE**
[54] **DISPOSITIF DE MAN□UVRE DE TUBE CAROTTIER**
[72] UPMEIER, THORSTEN, DE
[72] KRUSE, CHRISTOF, DE
[72] ZWAR, TREVOR, AU
[71] BLY IP INC., US
[85] 2021-05-27
[86] 2019-11-27 (PCT/US2019/063591)
[87] (WO2020/112988)
[30] US (62/772,386) 2018-11-28

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[25] EN
[54] **POROUS FABRIC OR SLEEVE COVERING FOR PAINT ROLLER COVER**
[54] **TISSU POREUX OU REVETEMENT DE MANCHON POUR GARNISSEUR DE ROULEAU DE PEINTURE**
[72] COOPER, GLENN, US
[72] DANDREAUX, GARY, US
[72] SOMERS, WILLIAM, US
[72] DESAI, RITA, US
[72] IANNACONE, STEFANIE, US
[72] SHAVEL, CLARENA, US
[72] ZAFIROGLU, DIMITRI, US
[71] BENJAMIN MOORE & CO., US
[85] 2021-05-26
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[51] **Int.Cl. A62B 35/00 (2006.01) A41C 1/08 (2006.01) A61F 5/00 (2006.01) A61F 5/01 (2006.01) A61F 5/05 (2006.01)**
[25] EN
[54] **RESUSCITATION BASE PELVIC BINDER**
[54] **LIANT PELVIEN DE BASE DE REANIMATION**
[72] BOGERT, JAMES N., US
[71] DIGNITY HEALTH, US
[85] 2021-05-27
[86] 2019-11-27 (PCT/US2019/063753)
[87] (WO2020/113104)
[30] US (62/772,972) 2018-11-29

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[51] **Int.Cl. A61K 38/27 (2006.01) A61K 47/60 (2017.01) C07K 14/61 (2006.01)**
[25] EN
[54] **PEGYLATED GROWTH HORMONE ANTAGONISTS**
[54] **ANTAGONISTES D'HORMONE DE CROISSANCE PEGYLES**
[72] BRODY, RICHARD S., US
[71] MOLECULAR TECHNOLOGIES LABORATORIES LLC, US
[85] 2021-05-26
[86] 2019-12-10 (PCT/US2019/065385)
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[30] US (16/216,230) 2018-12-11

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[51] **Int.Cl. H02S 40/10 (2014.01) H02S 40/12 (2014.01) B08B 1/00 (2006.01) B08B 3/00 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **MOBILE PANEL CLEANER**
[54] **NETTOYEUR DE PANNEAU MOBILE**
[72] HARTMAN, PHILIP J., US
[72] HARTMAN, JAMES L., US
[71] STEAM TECH, LLC, US
[85] 2021-05-27
[86] 2019-11-27 (PCT/US2019/063754)
[87] (WO2020/113105)
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[25] EN
[54] **OBJECT TRACKING ANIMATED FIGURE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE FIGURE ANIMEE SUIVANT UN OBJET**
[72] CHURCHILL, DAVID MICHAEL, US
[72] VAMOS, CLARISSE, US
[72] BARDT, JEFFREY A., US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2021-05-26
[86] 2019-12-12 (PCT/US2019/066068)
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[30] US (62/779,373) 2018-12-13
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[51] **Int.Cl. A61K 39/00 (2006.01) C12N 5/0783 (2010.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER WITH ANTI-CD38 IMMUNOTHERAPY**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU CANCER AVEC UNE IMMUNOTHERAPIE ANTI-CD38**
[72] SCHNEIDER, DINA, US
[72] ORENTAS, RIMAS J., US
[72] DROPULIC, BORO, US
[72] DIMITROV, DIMITER S., US
[72] ZHU, ZHONGYU, US
[71] LENTIGEN TECHNOLOGY, INC., US
[71] THE U.S.A., AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[86] 2019-11-27 (PCT/US2019/063761)
[87] (WO2020/113108)
[30] US (62/773,940) 2018-11-30

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[51] **Int.Cl. B26B 19/38 (2006.01) B26B 19/02 (2006.01)**
[25] EN
[54] **SNAP FASTENED DRIVE CAP ASSEMBLY**
[54] **ENSEMBLE CAPOT D'UNITE D'ENTRAINEMENT FIXE PAR ENCLIQUETAGE**
[72] PETERSON JR., JOHN HARLAN, US
[71] ANDIS COMPANY, US
[85] 2021-05-26
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[54] **BAT FITTING**
[54] **ACCESSOIRE DE BATTE**
[72] HARMAN, TODD DARIN, US
[72] RADCLIFFE, NATHANIEL JOEL, US
[72] DAILY, TYLER ELIAS, US
[72] ERREDGE, JONATHAN, US
[72] BROWN JR., DONALD COLLINS, US
[71] TRUE TEMPER SPORTS, INC., US
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[54] **OLIGO-BENZAMIDE ANALOGS AND THEIR USE IN CANCER TREATMENT**
[54] **ANALOGUES D'OLIGO-BENZAMIDE ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] RAJ, GANESH, US
[72] AHN, JUNG-MO, US
[72] VADLAMUDI, RATNA K., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2021-05-27
[86] 2019-12-02 (PCT/US2019/064073)
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[51] **Int.Cl. F42D 1/04 (2006.01)**
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[54] **DETONATOR SENSING ARRANGEMENT**
[54] **AGENCEMENT DE DETECTION DE DETONATEUR**
[72] KRUGER, MICHIEL JACOBUS, ZA
[72] BIRKIN, CHRISTOPHER MALCOLM, ZA
[72] MICHNA, RICHARD JOSEPH, ZA
[72] MAURISSENS, DANIEL AUGUSTE, ZA
[72] KOEKEMOER, ANDRE LOUIS, ZA
[71] DETNET SOUTH AFRICA (PTY) LTD, ZA
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[30] ZA (2019/00561) 2019-01-28

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[54] **ALUMINUM EXTRUSION ALLOY**
[54] **ALLIAGE D'EXTRUSION D'ALUMINIUM**
[72] FOURMANN, JEROME, US
[72] PARSON, NICHOLAS C., CA
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2021-05-27
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[30] US (62/774,661) 2018-12-03

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[25] EN
[54] **SYSTEM FOR SMART COUPLING BETWEEN A ROAD IMPLEMENT AND A TRACTOR VEHICLE, SYSTEM AND METHOD FOR MANAGING THE ACTUATION OF AUXILIARY TRACTION ON ROAD IMPLEMENTS**
[54] **SYSTEME D'ACCOUPLEMENT INTELLIGENT ENTRE UN ENGIN ROUTIER ET UN VEHICULE TRACTEUR, SYSTEME ET PROCEDE DE GESTION POUR ACTIONNEMENT DE TRACTION AUXILIAIRE DANS DES ENGINS ROUTIERS**
[72] BOARETTO, JOEL, BR
[72] FERREIRA, CESAR AUGUSTO CARDOSO TEIXEIRA DE ALBUQUERQUE, BR
[72] MOLON, MAICON, BR
[72] MASOTTI, DIEGO, BR
[71] FRAS-LE S.A., BR
[85] 2021-05-27
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[87] (WO2020/107086)
[30] BR (102018074392-9) 2018-11-27
[30] BR (102019020993-3) 2019-10-04
[30] BR (102019020996-8) 2019-10-04

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[54] **AIRCRAFT**
[54] **AERONEF**
[72] DAVIDOFF, VLADIMIR ALEKSANDROVICH, BY
[71] DAVIDOFF, VLADIMIR ALEKSANDROVICH, BY
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[51] **Int.Cl. A61K 9/70 (2006.01)**
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[54] **TRANSDERMAL THERAPEUTIC SYSTEM WITH DIFFUSION BARRIER**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE COMPRENANT UNE BARRIERE DE DIFFUSION**
[72] REUM, NICO, DE
[72] EMGENBROICH, MARCO, DE
[72] WIEDERSBERG, SANDRA, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2021-05-27
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[51] **Int.Cl. B01D 11/02 (2006.01) A61K 8/00 (2006.01)**
[25] EN
[54] **PROCESS FOR EXTRACTING SUBSTANCES OF INTEREST**
[54] **PROCEDE D'EXTRACTION DE SUBSTANCES D'INTERET**
[72] CONTINO-PEPIN, CHRISTIANE, FR
[72] DESGRANGES, STEPHANE, FR
[72] DALL'ARMELLINA, ALICE, FR
[72] DUVAL, CHARLES, FR
[72] LETAN-MARTIN, MATHIAS, FR
[71] AVIGNON UNIVERSITE, FR
[71] LYOFAL, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] ECOLE NATIONALE SUPERIEURE DE CHIMIE DE MONTPELLIER, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[85] 2021-05-27
[86] 2019-11-27 (PCT/EP2019/082797)
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[51] **Int.Cl. B67D 1/00 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **POST-MIX NOZZLE**
[54] **BUSE DE POST-MELANGE**
[72] VELOZ, SILAS, US
[72] CRACKEL, CULLEN JAMES (DECEASED), XX
[72] HECHT, THOMAS (DECEASED), XX
[71] AUTOMATIC BAR CONTROLS, INC., US
[71] VELOZ, SILAS, US
[85] 2021-05-27
[86] 2019-12-03 (PCT/US2019/064295)
[87] (WO2020/117846)
[30] US (62/774,670) 2018-12-03

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[51] **Int.Cl. C10J 3/26 (2006.01) C10J 3/08 (2006.01) C10J 3/66 (2006.01) C10J 3/72 (2006.01)**
[25] EN
[54] **REACTOR AND PROCESS FOR GASIFYING AND/OR MELTING OF FEED MATERIALS**
[54] **REACTEUR ET PROCEDE DE GAZEIFICATION ET/OU DE FUSION DE MATERIAUX DE CHARGE**
[72] WEGNER, ANDRE, GB
[71] KBI INVEST & MANAGEMENT AG, CH
[85] 2021-05-27
[86] 2019-11-27 (PCT/EP2019/082807)
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[30] EP (18208810.4) 2018-11-28
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[54] **PROCEDE DE FOURNITURE D'UNE SUSPENSION HOMOGENE CONTENANT DES PARTICULES**
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[72] ALASTALO, KAUNO, FI
[71] BOREALIS AG, AT
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[54] **CELLULES PRESENTATRICES D'ANTIGENE ARTIFICIELLES COMPRENANT DES MOLECULES HLA-E ET HLA-G ET PROCEDES D'UTILISATION**
[72] CHEN, TIFFANY FEN-YI, US
[72] WICKHAM, THOMAS JOSEPH, US
[72] SALVAT, REGINA SOPHIA, US
[72] ZHANG, XUQING, US
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[71] CREAL FOOD AB, SE
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[54] **TRAITEMENT D'UNE GVH AIGUE A L'AIDE D'ANTICORPS ANTI-HLA SPECIFIQUES A UN DONNEUR**
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[72] JOLLET, ISABELLE, FR
[72] TAUPIN, JEAN-LUC, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
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[54] **SYSTEME ET PROCEDES POUR ANALYSER UN SERVICE D'ASSISTANCE ROUTIERE DE VEHICULES EN TEMPS REEL**
[72] BALU, GOVINDA, US
[72] LINK, LOURDES M., US
[72] ALI, MOHAMMED, US
[71] ALLSTATE INSURANCE COMPANY, US
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[54] **SYSTEME DE FENETRE ANIMEE**
[72] GARNIER, TIMOTHY FITZGERALD, US
[72] KRAUTHAMER, AKIVA MEIR, US
[72] USI, MATTHEW, US
[72] BATRA, SIMRAN V., US
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[54] **SYSTEMES D'IMPLANT DE TISSUS MOUS, INSTRUMENTS ET PROCEDES ASSOCIES**
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[72] BRINKER, LAURA ZAGROCKI, US
[72] ALLARD, RANDY, US
[72] DACOSTA, ALBERT, US
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[54] **METHODES DIAGNOSTIQUES ET COMPOSITIONS POUR UNE IMMUNOTHERAPIE ANTICANCEREUSE**
[72] WU, THOMAS D., US
[72] GROGAN, JANE LOUISE, US
[71] GENENTECH, INC., US
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[54] **SYSTEMES ET PROCEDES PERMETTANT D'IDENTIFIER UN EVENEMENT DANS DES DONNEES**
[72] EKMEKCI, BERK, US
[72] HAGERMAN, ELEANOR, US
[72] HOWALD, BLAKE, US
[71] THOMSON REUTERS ENTERPRISE CENTRE GMBH, CH
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[54] **PROCEDE DE LUTTE CONTRE DES PATHOGENES ET/OU DE PREVENTION DE MALADIES RESULTANT DE LA PRESENCE DES AGENTS PATHOGENES DANS ET/OU SUR DES GRAINES**
[72] HAMIDI, AMIR, CA
[72] DAGHER, FADI, CA
[72] PEYVANDISANI, POONEH, CA
[72] MICHAUD, DEVIN, CA
[71] AGRI-NEO INC., CA
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[72] AGRAWAL, NEERAJ J., US
[72] DARIS, KRISTINE M., US
[72] STEVENS, JENNITTE L., US
[72] LE, HUONG THI NGOC, US
[72] TALAVAN, NOELIA BLANCO, US
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[54] **NANOPARTICULES RECOUVERTES DE BIOMEMBRANE (BIONP) POUR L'ADMINISTRATION DE PRINCIPES ACTIFS A DES CELLULES SOUCHES**
[72] PAPOUTSAKIS, ELEFTHERIOS T., US
[72] DAY, EMILY, US
[72] WINTER, ERICA, US
[72] HARRIS, JENNA, US
[72] KAO, CHEN-YUAN, US
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[54] **NOUVELLE APPROCHE POUR LE TRAITEMENT DU CANCER UTILISANT L'IMMUNOMODULATION**
[72] O'NEILL, VINCENT J., US
[71] BIOXCEL THERAPEUTICS, INC., US
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[54] **CELLULE HOTES FONGIQUES FILAMENTEUSES MODIFIEES**
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[72] JOCHUMSEN, NICHOLAS, DK
[72] INOUE, CHIHO, JP
[71] NOVOZYMES A/S, DK
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[54] **SYSTEME DE COMMANDE D'UN OBTURATEUR D'UN SYSTEME D'INJECTION DE MATIERE PLASTIQUE**
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[71] RUNIPSYS EUROPE, FR
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[54] **BIOMARKERS FOR CD47 BLOCKADE THERAPY**
[54] **BIOMARQUEURS POUR UNE THERAPIE DE BLOCAGE DE CD47**
[72] JOHNSON, LISA DANAE SCHULTZ, CA
[72] KRISHNAMOORTHY, MITHUNAH, CA
[72] BLITZ, SANDRA LAUREN, CA
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[54] **CAPTEUR, SYSTEME ET PROCEDE DE DETECTION DE L'HUMIDITE D'UN ARTICLE**
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[71] TILKOBLEDE BELGIUM BVBA, BE
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[54] **METHOD AND DEVICE FOR MEASURING THE STATUS OF OXIDATIVE STRESS IN A BIOLOGICAL MATRIX**
[54] **PROCEDE ET DISPOSITIF DE MESURE DU STATUT DU STRESS OXYDANT DANS UNE MATRICE BIOLOGIQUE**
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[54] **APPAREIL DE TRANSFERT D'INOCULUM ET PROCEDES ASSOCIES**
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[72] DICKS, PETER, CA
[71] BEE VECTORING TECHNOLOGY INC., CA
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[54] **RADIOTHERAPIE A L'ARC A MOUVEMENT SYNCHRONISE**
[72] THOMAS, STEVEN, CA
[72] KOHLI, KIRPAL, CA
[72] POON, JUSTIN JEREMY JEUN-MING, CA
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[54] **METHODES DE MODULATION DE L'ACTIVATION DES LEUCOCYTES ET DE LA CLAIRANCE DES THROMBOCYTES AVEC DES INHIBITEURS D'ISOENZYMES DE NEURAMINIDASE SPECIFIQUES**
[72] HOWLADER, AMRAN, CA
[72] PCHEZHETSKY, ALEXEY, CA
[72] CAIRO, CHRISTOPHER, CA
[72] GUO, TIANLIN, CA
[72] DEMINA, EKATERINA, CA
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES OCULAIRES**
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[71] MA, JOSEPH J.K., CA
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[54] **ANALYSEUR DE DOSAGE D'ECOULEMENT**
[72] HARDER, CHRISTOPHER J., CA
[72] MCMULLIN, DAVE, CA
[72] BLONDEEL, ERIC, CA
[72] VU, KIEN, CA
[71] KENOTA INC., CA
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[54] **POLYMERES STYRENIQUES DERIVES DE POLYSTYRENE DEPOLYMERISE DESTINES A ETRE UTILISES DANS LA PRODUCTION DE MATERIAUX EN MOUSSE ET EN TANT QUE MODIFICATEURS DE L'INDICE DE FLUIDITE**
[72] DI MONDO, DOMENIC, CA
[72] SCOTT, BENJAMIN, CA
[71] GREENMANTRA RECYCLING TECHNOLOGIES LTD., CA
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[54] **PROCEDE ET SYSTEME DE COMMUNICATION DE VEHICULE AERIEN SANS PILOTE**
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[72] PENG, BIN, CN
[72] HUANG, LIQUAN, CN
[71] GUANGZHOU XAIRCRAFT TECHNOLOGY CO., LTD., CN
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[72] FENNEMA, RICHARD, CA
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[54] **MEMBRANE PRE-APPLIQUEE A COUCHE ANTI-SOUS-MARINAGE**
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[72] DING, HONGMEI, CN
[72] WIERCINSKI, ROBERT A., US
[72] CAO, XIA, US
[72] SETH, JYOTI, US
[71] GCP APPLIED TECHNOLOGIES INC., US
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[25] EN
[54] **SUBSTANCE FOR TREATING AND/OR PREVENTING ALLERGIC DISEASES, AND DESIGN METHOD AND PREPARATION METHOD THEREFOR**
[54] **SUBSTANCE POUR TRAITER ET/OU PREVENIR DES MALADIES ALLERGIQUES, PROCEDE DE CONCEPTION ET PROCEDE DE PREPARATION DE CELLE-CI**
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[71] DONG, FUTIAN, CN
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[54] **MODIFICATION DE LYMPHOCYTES T**
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[72] BREWER, JOANNA, GB
[71] ADAPTIMMUNE LIMITED, GB
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[54] **PROCEDE D'ACTUALISATION DE ZONE DE SUIVI, PROCEDE DE TRANSMISSION DE MESSAGE DE DIFFUSION, ET APPAREIL DE COMMUNICATION**
[72] YU, TIANHANG, CN
[72] LI, RONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **PREPARATION D'UN ANTICORPS ANTI-PD-L1**
[72] XIAO, LIANG, CN
[72] DENG, LIPING, CN
[72] HUANG, HAIYU, CN
[72] LIU, QIGANG, CN
[72] LIU, LIPING, CN
[72] GUO, DALTON, CN
[72] XUE, TONGTONG, CN
[72] WANG, JINGYI, CN
[71] HARBOUR BIOMED THERAPEUTICS LIMITED, CN
[71] SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD., CN
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[54] **HISTONE ACETYLASE P300 INHIBITOR AND USE THEREOF**
[54] **INHIBITEUR D'HISTONE ACETYLASE P300 ET UTILISATION ASSOCIEE**
[72] FAN, LEI, CN
[72] WANG, FEI, CN
[72] WU, XIAOQUAN, CN
[72] XU, KEXIN, CN
[72] CHEN, KE, CN
[72] LUO, TONGCHUAN, CN
[72] ZHANG, SHAOHUA, CN
[72] DU, WU, CN
[72] ZHANG, CHENGZHI, CN
[72] HUO, YONGXU, CN
[72] TU, ZHILIN, CN
[72] LI, XINGHAI, CN
[72] CHEN, YUANWEI, CN
[71] HINOVA PHARMACEUTICALS INC., CN
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[54] **LUMINOUS STONE PRODUCT AND MANUFACTURING METHOD THEREFOR**
[54] **OUVRAGE EN PIERRE LUMINEUX ET SON PROCEDE DE FABRICATION**
[72] YANG, JIANQIAO, CA
[71] YANG, JIANQIAO, CA
[85] 2021-05-27
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[54] **CD40 ANTIBODY PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE D'ANTICORPS ANTI-CD40 ET SON UTILISATION**
[72] YANG, JIANJIAN, CN
[72] LI, HAO, CN
[72] LIU, XUN, CN
[72] JIANG, JIAHUA, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
[85] 2021-05-27
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[54] **RUNWAY MAINTENANCE APPARATUS**
[54] **APPAREIL DE MAINTENANCE DE PISTE**
[72] STEINE, KEN ERIK, NO
[71] ROBOXI AS, NO
[85] 2021-05-27
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[54] **DIESEL FUEL COMPOSITION**
[54] **COMPOSITION DE CARBURANT DIESEL**
[72] KIISKI, ULLA, FI
[72] HEISKA, ARTO, FI
[72] KOUVA, MERJA, FI
[72] AALTO, MIKKO, FI
[72] KURONEN, MARKKU, FI
[71] NESTE OYJ, FI
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[54] **COMBINED TREATMENT OF PRIMARY CENTRAL NERVOUS SYSTEM LYMPHOMA**
[54] **TRAITEMENT COMBINE DU LYMPHOME PRIMAIRE DU SYSTEME NERVEUX CENTRAL**
[72] CORTI, ANGELO, IT
[72] FERRERI, ANDRES JOSE MARIA, IT
[71] FONDAZIONE CENTRO SAN RAFFAELE, IT
[85] 2021-05-27
[86] 2019-12-02 (PCT/EP2019/083322)
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[25] EN
[54] **SUBSTANCE FOR TREATING AND/OR PREVENTING INTOLERANCE DISEASES, AND DESIGN METHOD AND PREPARATION METHOD THEREFOR**
[54] **SUBSTANCE POUR TRAITER ET/OU PREVENIR DES MALADIES D'INTOLERANCE, ET PROCEDE DE CONCEPTION ET SON PROCEDE DE PREPARATION**
[72] DONG, FUTIAN, CN
[71] DONG, FUTIAN, CN
[85] 2021-05-27
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[54] **PROCEDES DE MODIFICATION GENETIQUE D'UN GENE NIN DE PLANTE LA RENDANT SENSIBLE A LA CYTOKININE**
[72] GEURTS, RENE, NL
[72] LIU, JIEYU, NL
[72] RUTTEN, LUUK, NL
[72] KULIKOVA, OLGA, NL
[72] BISSELING, TON, NL
[71] WAGENINGEN UNIVERSITEIT, NL
[85] 2021-05-27
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[54] **A SUBSEA WELL INTERVENTION METHOD**
[54] **PROCEDE D'INTERVENTION SUR PUITS SOUS-MARIN**
[72] CAMUS, MATHIEU, FR
[72] BLANCKAERT, THIBAULT, FR
[72] MALANDA, JOHNSEN, FR
[71] TOTAL SE, FR
[85] 2021-05-27
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[54] **METHOD AND SYSTEM FOR AUDIO-VISUAL LIVE CONTENT DELIVERY**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION DE CONTENU EN DIRECT AUDIOVISUEL**
[72] BALE, SOPHIE, FR
[72] BREBION, REMY, FR
[72] RENARD, NICOLAS, FR
[72] MARTIN, JEAN-FRANCOIS, FR
[72] BOUTEAU, PIERRE-OLIVIER, FR
[71] BROADPEAK, FR
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[54] **MICROPUMP FOR AN AEROSOL DELIVERY DEVICE**
[54] **MICRO-POMPE POUR UN DISPOSITIF DE DISTRIBUTION D'AEROSOL**
[72] SUR, RAJESH, US
[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2021-05-27
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[54] **DPEP-1 BINDING AGENTS AND METHODS OF USE**
[54] **AGENTS DE LIAISON A DPEP-1 ET LEURS METHODES D'UTILISATION**
[72] ROBBINS, STEPHEN MARK, CA
[72] SENGER, DONNA LORRAINE, CA
[72] MURUVE, DANIEL ABRAHAM, CA
[72] CHOUDHURY, SAURAV ROY, CA
[72] RAHN, JENNIFER JOY, CA
[72] LAU, ARTHUR, WING SZE, CA
[72] MACDONALD, JUSTIN, CA
[72] BABES, LIANE, CA
[72] KUBES, PAUL, CA
[71] ARCH BIOPARTNERS, INC., CA
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[25] EN
[54] **A SPREADABLE FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE A TARTINER**
[72] HANNA, MARK ANTHONY, AU
[72] TEW, SAMUEL BENG, AU
[71] THE PRINCETON GROUP INC - C40917, KN
[85] 2021-05-27
[86] 2019-11-27 (PCT/IB2019/060205)
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[54] **LIQUID COMPOSITION FOR ORAL INGESTION CONTAINING COLLAGEN PEPTIDE AND METHOD FOR SUPPRESSING FOAMING OF LIQUID COMPOSITION FOR ORAL INGESTION**
[54] **COMPOSITION LIQUIDE POUR USAGE PAR VOIE ORALE CONTENANT UN PEPTIDE DE COLLAGENE ET PROCEDE PERMETTANT DE LIMITER LA FORMATION DE MOUSSE DE CETTE COMPOSITION LIQUIDE POUR USAGE PAR VOIE ORALE**
[72] TAGUCHI, WAKANA, JP
[72] IMAO, TAKAKO, JP
[72] KASAJIMA, NAOKI, JP
[72] ENDO, MEGUMI, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2021-05-27
[86] 2019-11-29 (PCT/JP2019/046712)
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[25] EN
[54] **APPARATUS AND METHOD FOR UTILIZING A BRAIN FEATURE ACTIVITY MAP DATABASE TO CHARACTERIZE CONTENT**
[54] **APPAREIL ET PROCEDE D'UTILISATION D'UNE BASE DE DONNEES DE CARTES D'ACTIVITE DE CARACTERISTIQUES CEREBRALES POUR CARACTERISER UN CONTENU**
[72] ASSAF, YANIV, IL
[72] HOROWITZ, ASSAF, IL
[71] BRAINVIVO LTD., IL
[85] 2021-05-27
[86] 2019-12-03 (PCT/IB2019/060414)
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[54] **DISPOSITIF DE MESURE DE L'OBSERVANCE THERAPEUTIQUE DU PORTE D'UN ARTICLE TEXTILE PAR UN PATIENT, ARTICLE INSTRUMENTE COMPRENANT UN TEL DISPOSITIF, ET METHODE DE MESURE**
[54] **DEVICE FOR MEASURING THE THERAPEUTIC OBSERVANCE OF THE WEARING OF A TEXTILE ITEM BY A PATIENT, INSTRUMENTED ITEM COMPRISING SUCH A DEVICE, AND MEASUREMENT METHOD**
[72] GRENIER, ETIENNE, FR
[72] CHAIGNEAU, CYRIL, FR
[71] SIGVARIS AG, CH
[85] 2021-05-27
[86] 2019-12-09 (PCT/IB2019/060568)
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[54] **COOKING ASSEMBLY COMPRISING AN ELECTRICAL COOKING APPLIANCE AND A DRAINING BASE**
[54] **ENSEMBLE DE CUISSON COMPRENANT UN APPAREIL ELECTRIQUE DE CUISSON ET UN SOCLE DE VIDANGE**
[72] SCHWARTZ, DELPHINE, FR
[72] SEURAT, FREDERIC, FR
[71] SEB S.A., FR
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[25] FR
[54] **GUIDANCE SYSTEM FOR LANDING A DRONE**
[54] **SYSTEME DE GUIDAGE POUR L'ATTERRISSAGE D'UN DRONE**
[72] VILLIERS, ERIC, FR
[71] HOVERSEEN, FR
[85] 2021-05-26
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[54] **LIFTER BAR**
[54] **BARRE DE LEVAGE**
[72] MORENO, VICTOR, CL
[72] LARA, HECTOR, CL
[72] PINTO, ALONSO, CL
[71] VULCO S.A., CL
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[54] **DIESEL FUEL COMPOSITION**
[54] **COMPOSITION DE CARBURANT DIESEL**
[72] KOUVA, MERJA, FI
[72] LEHTO, KALLE, FI
[72] KURONEN, MARKKU, FI
[72] TIITTA, MARJA, FI
[72] KIISKI, ULLA, FI
[71] NESTE OYJ, FI
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[54] **PRODUITS DE SOINS PERSONNELS**
[72] WALTERS, RUSSEL, US
[72] GOULD, RUSSELL, US
[72] REYNERTSON, KURT, US
[72] SWEI, HOMER, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **BEARING ASSEMBLY FOR CONE CRUSHER**
[54] **ENSEMBLE PALIER POUR BROYEUR A CONES**
[72] ERIKSSON, FREDRIK, SE
[72] JOHANSSON, JAN, SE
[72] NYMAN GUNNARSSON, SOFIE, SE
[71] SANDVIK SRP AB, SE
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[25] FR
[54] **INFLATABLE SURFACE-COVERING DEVICE**
[54] **DISPOSITIF DE COUVERTURE GONFLABLE D'UNE SURFACE**
[72] COENRAETS, BENOIT, BE
[71] BECOFLEX, BE
[85] 2021-05-26
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[25] EN
[54] **FILLER COMPRISING HYALURONIC ACID HYDROGEL HAVING EXCELLENT FILLING PROPERTIES**
[54] **CHARGE COMPRENANT UN HYDROGEL D'ACIDE HYALURONIQUE PRESENTANT D'EXCELLENTES PROPRIETES DE REMPLISSAGE**
[72] JANG, CHEOL, KR
[72] KIM, YEONSOO, KR
[72] LEE, HYUNSUP, KR
[72] LEE, MYUNGHAN, KR
[72] KIM, JI SUN, KR
[72] JUNG, HYUN TAE, KR
[72] SO, JINEON, KR
[72] LEE, CHANG HYUN, KR
[72] REE, HWAYOUN, KR
[71] LG CHEM, LTD., KR
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[25] FR
[54] **DIFFUSER FOR A PRESSURIZED CONTAINER**
[54] **DIFFUSEUR POUR RECIPIENT SOUS PRESSION**
[72] BODET, HERVE, FR
[72] GAILLARD, ERIC, FR
[71] LINDAL FRANCE SAS, FR
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[54] **SOURCE DE LUMIERE ROTATIVE**
[72] SABOO, VINAY, US
[71] WEST COAST IMPORTS, INC., US
[85] 2021-05-27
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[25] FR
[54] **GROUND MANEUVER ASSISTANCE SYSTEM FOR AIRCRAFT**
[54] **SYSTEME D'ASSISTANCE AUX DEPLACEMENTS AU SOL POUR AERONEFS**
[72] OUJAMAA, MOHAMED, MA
[71] OUJAMAA, MOHAMED, MA
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[54]
[72] HUANG, CHUN-MU, CN
[72] CHEN, CHIEH-HSING, CN
[71] BIONIME CORPORATION, CN
[71] BIONIME USA CORPORATION, CN
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[54] **DRUG DELIVERY SYSTEM USING SOLUTION**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT UTILISANT UNE SOLUTION**
[72] HOTTA, AKITSU, JP
[72] ISHIHARA, NAOKO, JP
[72] NISHIGAKI, RYUICHI, JP
[72] SETO, MASAKI, JP
[71] KYOTO UNIVERSITY, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2021-05-27
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[54] **IMAGE PROCESSING APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE**
[72] FUJIMOTO, YUJI, JP
[71] SONY GROUP CORPORATION, JP
[85] 2021-05-27
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[30] JP (2018-240108) 2018-12-21

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[25] EN
[54] **LOAD CONTROL DEVICE CONFIGURED TO OPERATE IN TWO-WIRE AND THREE-WIRE MODES**
[54] **DISPOSITIF DE COMMANDE DE CHARGE CONCU POUR FONCTIONNER DANS DES MODES A DEUX FILS ET A TROIS FILS**
[72] BENNING, MARK A., US
[72] BRENNER, THOMAS W., US
[72] BROGAN, QUINN, US
[72] HAUSMAN, JR., DONALD F., US
[72] MACLELLAN, PETER, US
[72] OLSEN, MATTHEW KYLE, US
[72] PENNOCK, MATTHEW, US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
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[54] **PROCEDE DE FILAGE DE FIBRES DE KAPOK**
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[71] FLOCUS B.V., NL
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[54] **LENTILLES SELECTIVEMENT MOUILLABLES ET PERMEABLES A L'OXYGENE**
[72] NEWMAN, STEPHEN D., SG
[72] WATANABE, TASUKU, SG
[71] MENICON SINGAPORE PTE LTD., SG
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[54] **GENE RESISTANT A LA ROUILLE**
[72] ZHANG, JIANPING, AU
[72] LAGUDAH, EVANS, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[54] **SYSTEME ET ENSEMBLE DE NAUTISME, PROCEDE DE FABRICATION ET DE DESASSEMBLAGE**
[72] BARDON, PATRICK, FR
[71] SEALVER, FR
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[54] **CAPSULE FOR FOOD OR BEVERAGE PREPARATION HAVING A DISPLACEABLE MEMBRANE FOR ENGAGEMENT WITH OPENING MEANS**
[54] **CAPSULE POUR LA PREPARATION D'ALIMENTS OU DE BOISSONS COMPRENANT UNE MEMBRANE DEPLACABLE POUR VENIR EN PRISE AVEC DES MOYENS D'OUVERTURE**
[72] BOSS, CHRISTOPHE, CH
[72] NORDQVIST, DAVID, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] **APPARATUS WITH MULTI-STAGE CROSS FLOW MEMBRANE FILTRATION**
[54] **APPAREIL AVEC FILTRATION SUR MEMBRANE A ECOULEMENT TRANSVERSAL A PLUSIEURS ETAGES**
[72] JOHANSEN, ULRIK, DK
[72] BUNDGAARD, MICHAEL S., DK
[72] ANDREASEN, KELD B., DK
[71] SD FILTRATION A/S, DK
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[54] **DEVICE FOR AN ASPIRATOR, ASPIRATOR AND METHOD**
[54] **DISPOSITIF DESTINE A UN ASPIRATEUR, ASPIRATEUR ET PROCEDE**
[72] TJOLSEN, OYVIND, NO
[72] ORKE, PER REIDAR, NO
[71] EXCITUS AS, NO
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[54] **PROCESS FOR PREPARING POLYMERIC PARTICLES**
[54] **PROCEDE POUR LA PREPARATION DE PARTICULES POLYMERES**
[72] ASSMUS, MANFRED, DE
[72] ENDRES, THOMAS, DE
[71] EVONIK OPERATIONS GMBH, DE
[85] 2021-05-28
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[54] **SYSTEM FOR THE ANALYSIS OF ANIMAL EXCREMENT IMAGES**
[54] **SYSTEME POUR L'ANALYSE D'IMAGES DE DEJECTIONS D'ANIMAUX**
[72] ROTH, HERMANN, DE
[71] PHYTOBIOTICS FUTTERZUSATZSTOFFE GMBH, DE
[85] 2021-05-28
[86] 2019-11-14 (PCT/EP2019/081348)
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[54] **AERIAL VEHICLES WITH UNCOUPLED DEGREES OF FREEDOM**
[54] **VEHICULES AERIENS PRESENTANT DES DEGRES DE LIBERTE DESACCOUPLES**
[72] INAKI, IGLESIAS AGUINAGA, ES
[72] JOSEBA, LASA AGUIRREBENGOA, ES
[71] FUNDACION TECNALIA RESEARCH & INNOVATION, ES
[85] 2021-05-28
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[54] **SYSTEM AND METHOD FOR IDENTITY CREATION AND ASSERTION**
[54] **SYSTEME ET PROCEDE DE CREATION ET D'ASSERTION D'IDENTITE**
[72] LEARMONTH, DARREN, US
[72] PEARSON, JOSEPH BERNARD, US
[71] ASSA ABLOY AB, SE
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[54] **METHOD FOR PREPARING GOS-PREPARATION WITH BETA-GALACTOSIDASE FROM CRYPTOCOCCUS TERRESTRIS, GOS PREPARATIONS OBTAINABLE THEREBY AND USES THEREOF**
[54] **PROCEDE POUR LA PREPARATION DE PREPARATION DE GOS AVEC DE LA BETA-GALACTOSIDASE PROVENANT DE CRYPTOCOCCUS TERRESTRISIS, PREPARATIONS DE GOS POUVANT ETRE OBTENUES DE CETTE MANIERE ET LEURS UTILISATIONS**
[72] VISKAAL-VAN DONGEN, MIRRE, NL
[72] CAO, LINQIU, NL
[71] FRIESLANDCAMPINA NEDERLAND B.V., NL
[85] 2021-05-28
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[54] **SEPARATOR AND PROCESS FOR SEPARATING VOLATILE COMPOUNDS FROM A POLYMER SOLUTION**
[54] **SEPARATEUR ET PROCESSUS DE SEPARATION DE COMPOSES VOLATILS D'UNE SOLUTION POLYMERE**
[72] AL-HAJ, MOHAMMAD ALI, FI
[72] SATTAR, MUBASHAR, FI
[71] BOREALIS AG, AT
[85] 2021-05-28
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[54] **METHOD AND APPARATUS FOR DETERMINING A POSITION OF A VEHICLE**
[54] **PROCEDE ET APPAREIL POUR DETERMINER UNE POSITION D'UN VEHICULE**
[72] BATCHELOR, ANDREW, GB
[72] WATSON, DOUGLAS, GB
[71] THALES HOLDINGS UK PLC, GB
[85] 2021-05-28
[86] 2019-11-28 (PCT/EP2019/082918)
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[54] **ALIGNMENT FOR TILES OF TILED DISPLAYS**
[54] **ALIGNEMENT POUR PAVES DE DISPOSITIFS D'AFFICHAGE EN MOSAIQUE**
[72] DEWAELE, TOM ADRIAAN GERARD, BE
[72] NAAS, NICO MICHAEL, DE
[71] BARCO N.V., BE
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[25] EN
[54] **WATER TREATMENT METHOD FOR SIMULTANEOUS ABATEMENT OF CARBON, NITROGEN AND PHOSPHORUS, IMPLEMENTED IN A SEQUENCING BATCH MOVING BED BIOFILM REACTOR**
[54] **PROCEDE DE TRAITEMENT DES EAUX POUR L'ABATTEMENT SIMULTANE DU CARBONE, DE L'AZOTE ET DU PHOSPHORE, MIS EN □UVRE DANS UN REACTEUR A FILM BIOLOGIQUE A LIT MOBILE EN MODE SEQUENTIEL DISCONTINU**
[72] FOURCANS, AUDE, FR
[72] ZOZOR, PHILIPPE, FR
[72] GERMAIN, TRISTAN, FR
[72] HUMBERT, HUGUES, FR
[72] LEMAIRE, ROMAIN, FR
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
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[54] **MAGNETIC LIFT PLATFORM FOR TRANSFER OF COIL SPRINGS**
[54] **PLATE-FORME ELEVATRICE MAGNETIQUE POUR TRANSFERT DE RESSORTS A ENROULEMENT**
[72] REUT, MARIO, CH
[72] RHYNER, HEINZ, CH
[71] SPUHL GMBH, CH
[85] 2021-05-28
[86] 2019-12-03 (PCT/EP2019/083377)
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[54] **SOLANACEOUS PLANT CAPABLE OF STENOSPERMOCARPIC FRUIT FORMATION**
[54] **PLANTE SOLANACEE CAPABLE DE FORMER DES FRUITS DE TYPE STENOSPERMOCARPIQUE**
[72] SUSIN ARRIETA, IGNACIO, ES
[72] PRAKASH, GOWTHAM, ES
[72] APARICIO CIRRE, MARIA ROCIO, ES
[72] VRIEZEN, WIM, NL
[72] MERTENS, LIEKE, NL
[72] GISBERTS, LOUIS, NL
[72] GALEANO MENDOZA, CARLOS, US
[72] GAWENDA, INKA (DECEASED), NL
[72] DAVILA OLIVAS, NELSON, NL
[71] NUNHEMS B.V., NL
[85] 2021-05-28
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[25] EN
[54] **COPPER CHELATE COMPLEX COMPOSITIONS FOR ANTIFOULING PROTECTION**
[54] **COMPOSITIONS COMPLEXES DE CHELATE DE CUIVRE POUR PROTECTION ANTISALISSURE**
[72] NAKAE, TAKASHI, JP
[72] KAPPOCK, PAUL, US
[72] IWASE, YOSHIYUKI, JP
[72] SCHROER, JOSEF, CH
[72] RIEGLER, JURGEN, CH
[72] VAN AKEN, PETER, BE
[71] LONZA SOLUTIONS AG, CH
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[25] EN
[54] **MEDICATION AGAINST ESTROGEN-RECEPTOR .BETA. (ER.BETA.) POSITIVE BREAST TUMOR**
[54] **MEDICATION CONTRE LE CANCER DU SEIN POSITIF POUR LE RECEPTEUR BETA DES ESTROGENES**
[72] WIELAND, HEINRICH, DE
[71] DCIC BIOPHARMACEUTICAL LIMITED, CN
[85] 2021-05-28
[86] 2019-12-13 (PCT/EP2019/085080)
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[25] EN
[54] **INHALABLE COMPOSITIONS FOR USE IN THE TREATMENT OF PULMONARY DISEASES**
[54] **COMPOSITIONS INHALABLES DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DE MALADIES PULMONAIRES**
[72] DENK, OLIVER, DE
[71] BREATH THERAPEUTICS GMBH, DE
[85] 2021-05-28
[86] 2019-12-03 (PCT/EP2019/083470)
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[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **NEW CRYSTALLINE FORMS OF A MCL-1 INHIBITOR, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **NOUVELLES FORMES CRISTALLINES D'UN INHIBITEUR MCL-1, PROCEDE DE PREPARATION ASSOCIE ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] DE BAETS, EMILIE, FR
[72] AUVRAY, JULIEN, FR
[72] LYNCH, MICHAEL, FR
[72] LEBLANC, NICOLAS, FR
[71] LES LABORATOIRES SERVIER, FR
[71] VERNALIS (R&D) LIMITED, GB
[85] 2021-05-28
[86] 2019-12-05 (PCT/EP2019/083773)
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[54] **MIXED TRIGLYCERIGES**
[54] **TRIGLYCERIDES MIXTES**
[72] BLANCHARD, CARINE, CH
[72] CUENOUD, BERNARD, CH
[72] DESTAILLATS, FREDERIC, CH
[72] FORBES-BLOM, ELIZABETH, CH
[72] OERTLING, HEIKO, CH
[72] PATIN, AMAURY, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2021-05-28
[86] 2019-12-17 (PCT/EP2019/085525)
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[51] **Int.Cl. G01B 5/18 (2006.01) B24B 9/14 (2006.01) G02C 1/00 (2006.01)**
[25] EN
[54] **SPECTACLE LENS EDGE SIMULATION TOOL AND METHOD FOR DEFINING A LENS SHAPE WITH SAID TOOL**
[54] **OUTIL DE SIMULATION DE BORD DE VERRE DE LUNETTES ET PROCEDE DE DEFINITION D'UNE FORME DE VERRE AVEC LEDIT OUTIL**
[72] SONZOGNI, STEFANO, IT
[71] MEI S.R.L., IT
[85] 2021-05-28
[86] 2020-01-09 (PCT/EP2020/050412)
[87] (WO2020/144268)
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[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING SACCHARIDES AND SACCHARIDE ARRAYS**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE SACCHARIDES ET DE RESEAUX DE SACCHARIDES**
[72] LOFFLER, FELIX, DE
[72] MENDE, MARCO, DE
[72] EICKELMANN, STEPHAN, DE
[72] SEEBERGER, PETER H., DE
[72] TSOUKA, ALEXANDRA, DE
[72] HEIDEPRIEM, JASMIN, DE
[72] PARIS, GRIGORI, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2021-05-28
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[87] (WO2020/127391)
[30] EP (18213784.4) 2018-12-18

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[51] **Int.Cl. B60C 11/03 (2006.01) B60C 11/12 (2006.01)**
[25] EN
[54] **PNEUMATIC VEHICLE TIRE**
[54] **PNEUMATIQUE DE VEHICULE**
[72] SCHLITTENHARD, JAN, DE
[72] BOSSE, STEFAN, DE
[72] HENZE, EUGEN, DE
[71] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
[85] 2021-05-28
[86] 2019-10-24 (PCT/EP2019/078960)
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[30] DE (10 2018 221 118.3) 2018-12-06

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[51] **Int.Cl. H05K 5/06 (2006.01) H02G 3/08 (2006.01) H02K 5/136 (2006.01)**
[25] EN
[54] **SAFETY CIRCUIT APPARATUS**
[54] **APPAREIL DE CIRCUIT DE SECURITE**
[72] HEALEY, CALLUM, GB
[71] LPW TECHNOLOGY LTD, GB
[85] 2021-05-28
[86] 2018-11-26 (PCT/GB2018/053405)
[87] (WO2019/106346)
[30] GB (1719841.7) 2017-11-29

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[25] EN
[54] **SINGLE RUN DEPOSITION FOR FORMING SUPERCOMPOSITE STRUCTURES**
[54] **DEPOT EN UNE SEULE PASSE POUR LA FORMATION DE STRUCTURES SUPERCOMPOSITES**
[72] RODRIGUEZ, JOSE VIRGILIO ANGUITA, GB
[72] SILVA, SEMBUKUTTIARACHILAGE RAVI PRADIP, GB
[72] SMITH, CHRISTOPHER TOBY GIBB, GB
[72] DELKOWSKI, MICHAL, GB
[71] UNIVERSITY OF SURREY, GB
[71] AIRBUS DEFENCE AND SPACE GMBH, DE
[85] 2021-05-28
[86] 2019-12-18 (PCT/GB2019/053604)
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[30] GB (1820625.0) 2018-12-18

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[51] **Int.Cl. E21B 43/013 (2006.01) E21B 43/017 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR OIL AND GAS OPERATIONS**
[54] **APPAREILS, SYSTEMES ET PROCEDES POUR DES OPERATIONS PETROLIERES ET GAZIERES**
[72] DONALD, IAN, GB
[72] REID, JOHN, GB
[72] MCDONALD, CRAIG, GB
[71] ENPRO SUBSEA LIMITED, GB
[85] 2021-05-28
[86] 2019-12-11 (PCT/GB2019/053512)
[87] (WO2020/120964)
[30] GB (1820186.3) 2018-12-11
[30] GB (1820278.8) 2018-12-12

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[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/395 (2006.01) A61K 31/438 (2006.01) A61K 31/444 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61K 31/4725 (2006.01) A61K 31/496 (2006.01) A61K 31/497 (2006.01) A61K 31/4985 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61K 31/5383 (2006.01) A61K 31/55 (2006.01) C07D 401/14 (2006.01) C07D 413/06 (2006.01) C07D 413/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 495/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOUNDS AND THEIR USE AS INHIBITORS OF UBIQUITIN SPECIFIC PROTEASE 19 (USP19)**
[54] **COMPOSES PHARMACEUTIQUES ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA PROTEASE 19 SPECIFIQUE DE L'UBIQUITINE (USP19)**
[72] ROUNTREE, JAMES SAMUEL SHANE, GB
[72] WHITEHEAD, STEVEN KRISTOPHER, GB
[72] TREDER, ADAM PIOTR, GB
[72] PROCTOR, LAUREN EMMA, GB
[72] SHEPHERD, STEVEN DAVID, GB
[72] BURKAMP, FRANK, GB
[72] COSTA, JOANA RITA CASTRO, GB
[72] O'DOWD, COLIN, GB
[72] HARRISON, TIMOTHY, GB
[72] HELM, MATTHEW DUNCAN, GB
[72] ROZYKA, EWELINA, GB
[72] CRANSTON, AARON, GB
[72] JACQ, XAVIER, GB
[71] ALMAC DISCOVERY LIMITED, GB
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[54] **PROCEDE ET APPAREIL POUR DETERMINER UNE POSITION D'UN VEHICULE**
[72] BATCHELOR, ANDREW, GB
[72] WATSON, DOUGLAS, GB
[71] THALES HOLDINGS UK PLC, GB
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[54] **FAIRED TOWING CABLE**
[54] **CABLE TRACTEUR CARENE**
[72] WARNAN, FRANCOIS, FR
[72] LONGUET, JEAN-PHILIPPE, FR
[72] HELIAS, LAURENT, FR
[72] GREGOIRE, FREDERIC, FR
[72] TANNIOU, PAUL, FR
[71] THALES, FR
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[54] **RESIN COMPOSITION FOR POWDER COATINGS**
[54] **COMPOSITION DE RESINE DESTINEE A DES REVETEMENTS EN POUDRE**
[72] FUKUYAMA, TAKEHIRO, JP
[72] CAPELOT, MATHIEU, FR
[72] DEVISME, SAMUEL, FR
[72] NOGUES, ANTONI, ES
[72] CASADEVALL, LLUIS, ES
[71] ARKEMA FRANCE, FR
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[54] **LIGNIN-ENHANCED BUTYL RUBBERS**
[54] **CAOUTCHOUCS BUTYLE RENFORCES PAR DE LA LIGNINE**
[72] KADLA, JOHN FRANK, CA
[72] BOTHA, LINDA, CA
[71] SUZANO CANADA INC., CA
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[25] EN
[54] **SOLAR RADIATION MITIGATION SYSTEM**
[54] **SYSTEME D'ATTENUATION DE RAYONNEMENT SOLAIRE**
[72] BELANGER, NANCY, CA
[71] BELANGER, NANCY, CA
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[54] **EQUIPMENT AND METHOD FOR ANALYSIS OF A FLUID**
[54] **EQUIPEMENT ET PROCEDE D'ANALYSE D'UN FLUIDE**
[72] AUAD, ROGERIO BAPTISTA, BR
[71] AUAD, ROGERIO BAPTISTA, BR
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[54] **APPARATUS FOR TREATING MATERIALS WITH PLASMA**
[54] **APPAREIL POUR TRAITER DES MATERIAUX AVEC DU PLASMA**
[72] BRANDOLESE, FLAVIO, IT
[72] CESAREO, GIULIO GIUSEPPE, IT
[72] RIZZI, LAURA GIORGIA, IT
[71] DIRECTA PLUS S.P.A., IT
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[54] **DIETARY BUTYRATE FOR TREATING OR PREVENTING AN ALLERGIC DISORDER**
[54] **BUTYRATE ALIMENTAIRE POUR LE TRAITEMENT OU LA PREVENTION D'UN TROUBLE ALLERGIQUE**
[72] BLANCHARD, CARINE, CH
[72] BOURDEAU, TRISTAN, FR
[72] DESTAILLATS, FREDERIC, CH
[72] FORBES-BLOM, ELIZABETH, CH
[72] NUTTEN, SOPHIE HELENE, CH
[72] OERTLING, HEIKO, CH
[72] PATIN, AMAURY, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF A BIOSTIMULANT OR NATURAL FERTILIZER BASED ON FERMENTED MACROALGAE, NATURAL ADDITIVES AND PROBIOTIC BACTERIA FOR AGRICULTURE AND HORTICULTURE**
[54] **PROCEDE DE FABRICATION D'UN BIOSTIMULANT OU D'UN ENGRAIS NATUREL A BASE DE MACROALGUES FERMENTEES, D'ADDITIFS NATURELS ET DE BACTERIES PROBIOTIQUES POUR L'AGRICULTURE ET L'HORTICU LTURE**
[72] LACHAUME, MICHEL, CA
[72] RENAUD, BRIGITTE, CA
[71] PRODUITS BIO SUN INC., CA
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[25] EN
[54] **PROJECTION DEVICE FOR DISPLAYING CONSTRUCTION PLANS**
[54] **DISPOSITIF DE PROJECTION PERMETTANT D'AFFICHER DES PLANS DE CONSTRUCTION**
[72] HA, HIEU THUAN CHARLES, CA
[72] NAROUEI, MEHRAN, CA
[72] LEFEBVRE, JONATHAN, CA
[71] HA, HIEU THUAN CHARLES, CA
[71] NAROUEI, MEHRAN, CA
[71] LEFEBVRE, JONATHAN, CA
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[54] **ANTI-JACKKNIFING CONTROL APPARATUS AND METHOD FOR ACTIVE CONVERTER DOLLY**
[54] **APPAREIL DE COMMANDE ANTI-MISE EN PORTEFEUILLE ET PROCEDE POUR DIABOLO CONVERTISSEUR ACTIF**
[72] LAYFIELD, BRIAN, CA
[72] FAN, BRIAN, CA
[71] ELECTRANS TECHNOLOGIES LTD., CA
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[54] **USE OF POLYOL FATTY ESTER COMPOSITIONS AND PRODUCTS FOR MINIMIZING EXPOSURE TO A NOXIOUS SUBSTANCE**
[54] **UTILISATION DE COMPOSITIONS D'ESTER GRAS DE POLYOL ET PRODUITS POUR MINIMISER L'EXPOSITION A UNE SUBSTANCE NOCIVE**
[72] KWIECINSKI, MARK, CA
[71] KWIECINSKI, MARK, CA
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[54] **PORTABLE DEVICE FOR VISUAL FUNCTION TESTING**
[54] **DISPOSITIF PORTABLE POUR LA VERIFICATION DE LA FONCTION VISUELLE**
[72] MUNGER, REJEAN, CA
[72] RIVERS JR., MARTIN EDSON, CA
[71] OCULAR MOBILE INNOVATIONS INC., CA
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[54] **ULTRAFILTRATION/NANOFILTRATION MEMBRANE WITH TUNABLE PORE SIZE**
[54] **MEMBRANE D'ULTRAFILTRATION/NANOFILTRATION A TAILLE DE PORE REGLABLE**
[72] FARNIA, FARHAD, CA
[72] ZHAO, YUE, CA
[71] SOCIETE DE COMMERCIALISATION DES PRODUITS DE LA RECHERCHE APPLIQUEE SOCPRA SCIENCES ET GENIE S.E.C., CA
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[54] **ROBOTIC ARM SYSTEM WITH GEAR-DRIVEN END-EFFECTOR ASSEMBLY**
[54] **SYSTEME DE BRAS ROBOTIQUE AVEC ENSEMBLE EFFECTEUR TERMINAL ENTRAINE PAR ENGRENAGE**
[72] YEUNG, CHUNG KWONG, CN
[72] ZHANG, JIANWEI, CN
[72] TO, TSUN PING JIMMY, CN
[72] CHAN, WAI LIK ALIK, CN
[71] BIO-MEDICAL ENGINEERING (HK) LIMITED, CN
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[54] **RANDOM ACCESS PROCESS SELECTION METHOD AND APPARATUS, CHIP, AND COMPUTER PROGRAM**
[54] **PROCEDE ET APPAREIL DE SELECTION DE PROCESSUS D'ACCES ALEATOIRE, PUCE, ET PROGRAMME INFORMATIQUE**
[72] XU, WEIJIE, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **POWER CONVERSION METHOD, APPARATUS, AND DEVICE, AND MEDIUM**
[54] **PROCEDE, APPAREIL ET DISPOSITIF DE CONVERSION DE PUISSANCE, ET SUPPORT**
[72] WANG, JING, CN
[72] JIANG, SHIYONG, CN
[72] WEN, WU, CN
[72] LIU, KEQIN, CN
[72] REN, PENG, CN
[71] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
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[51] **Int.Cl. H04N 19/132 (2014.01)**
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[54] **PICTURE ENCODING AND DECODING METHOD AND APPARATUS FOR VIDEO SEQUENCE**
[54] **PROCEDE ET APPAREIL DE CODAGE D'IMAGE POUR SEQUENCE VIDEO ET PROCEDE ET APPAREIL DE DECODAGE D'IMAGE POUR SEQUENCE VIDEO**
[72] CHEN, XU, CN
[72] ZHENG, JIANHUA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2021-05-28
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[54] **DC HOME POWER CONSUMPTION SYSTEM AND WIRING METHOD FOR HOME APPLIANCES BASED ON THE SYSTEM**
[54] **SYSTEME D'ALIMENTATION DOMESTIQUE CC ET PROCEDE DE CABLAGE D'APPAREIL MENAGER BASE SUR LE SYSTEME**
[72] ZHANG, XUEFEN, CN
[72] ZHAO, ZHIGANG, CN
[72] YUAN, JINRONG, CN
[72] TANG, WENQIANG, CN
[72] FENG, CHONGYANG, CN
[72] LIU, HAN, CN
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[54] **GUARD BAND INDICATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'INDICATION DE BANDE DE GARDE**
[72] JIA, QIONG, CN
[72] ZHANG, JIAYIN, CN
[72] WU, JI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CRYSTALLINE SALTS OF CORYDALMINE**
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[72] YANG, ZHENG, CN
[72] LI, ZHENG JANE, CN
[71] YANG, ZHENG, CN
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[54] **SUBSTANCE FOR TREATMENT OR PREVENTION OF DISEASES, METHOD FOR DESIGNING THE SAME, AND METHOD FOR PREPARING THE SAME**
[54] **SUBSTANCE POUR TRAITER ET/OU PREVENIR DES MALADIES, ET METHODE DE CONCEPTION ET METHODE DE PREPARATION ASSOCIEES**
[72] DONG, FUTIAN, CN
[71] DONG, FUTIAN, CN
[85] 2021-05-28
[86] 2019-11-25 (PCT/CN2019/120723)
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[54] **HETEROAROMATIC DERIVATIVES FOR USE AS REGULATOR, PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **DERIVES HETEROAROMATIQUES DESTINES A ETRE UTILISES COMME REGULATEURS, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] ZENG, MI, CN
[72] GAO, PENG, CN
[72] XU, PENG, CN
[72] CHENG, YU, CN
[72] LI, JIAN, CN
[72] CAI, JIAQIANG, CN
[72] BAO, RUDI, CN
[71] JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD., CN
[71] SHANGHAI HANSOH BIOMEDICAL CO., LTD., CN
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[30] CN (201811455357.3) 2018-11-30
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[54] **ENCODER, DECODER AND CORRESPONDING METHODS OF MOST PROBABLE MODE LIST CONSTRUCTION FOR BLOCKS WITH MULTI-HYPOTHESIS PREDICTION**
[54] **CODEUR, DECODEUR ET PROCEDES CORRESPONDANTS DE CONSTRUCTION DE LISTE DE MODES LES PLUS PROBABLES DESTINES A DES BLOCS A PREDICTION MULTI-HYPOTHESES**
[72] WANG, BIAO, DE
[72] ESENLIK, SEMIH, DE
[72] CHEN, JIANLE, US
[72] KOTRA, ANAND MEHER, DE
[72] GAO, HAN, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DRUG CONTAINING LIVER TARGETING SPECIFIC LIGAND AND THYROID HORMONE RECEPTOR AGONIST**
[54] **MEDICAMENT CONTENANT UN LIGAND SPECIFIQUE CIBLANT LE FOIE ET UN AGONISTE DU RECEPTEUR DES HORMONES THYROIDIENNES**
[72] CUI, KUNYUAN, CN
[71] KYLONOVA (XIAMEN) BIOPHARMA CO., LTD., CN
[85] 2021-05-28
[86] 2019-12-02 (PCT/CN2019/122318)
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[30] CN (201811452803.5) 2018-11-30

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[54] **METHOD FOR GUARANTEEING DATA TRANSMISSION AND COMMUNICATIONS DEVICE**
[54] **PROCEDE PERMETTANT D'ASSURER L'ACHEMINEMENT DE DONNEES ET DISPOSITIF DE COMMUNICATION**
[72] KE, XIAOWAN, CN
[71] VIVO MOBILE COMMUNICATION CO., LTD., CN
[85] 2021-05-28
[86] 2019-12-06 (PCT/CN2019/123586)
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[54] **TWO-FLEXSPLINE HARMONIC REDUCER HAVING LIMITABLE DEFORMATION AMOUNT**
[54] **REDUCTEUR D'HARMONIQUES A DEUX COURONNES DEFORMABLES, A QUANTITE DE DEFORMATION LIMITEE**
[72] LING, ZILONG, CN
[71] LING, ZILONG, CN
[85] 2021-05-28
[86] 2019-12-07 (PCT/CN2019/123847)
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[54] **C-TERMINAL SRC KINASE INHIBITORS**
[54] **INHIBITEURS DE KINASE SRC C-TERMINALE**
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[72] WANG, YAOLIN, CN
[72] JIANG, YUEHENG, CN
[72] LIU, YANQIN, CN
[72] SHI, ZHE, CN
[72] WANG, ZHENWU, CN
[72] HAN, ZIXING, CN
[72] TAO, LIANGSHAN, CN
[71] INVENTISBIO CO., LTD., CN
[85] 2021-05-28
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[25] FR
[54] **METHOD FOR VACUUM DEPOSITION OF A COATING ON THE FRONT FACE OF A SUPPORT, SUPPORT AND CORRESPONDING SECURITY DOCUMENT**
[54] **PROCEDE DE DEPOT SOUS VIDE D'UN REVETEMENT SUR LA FACE FRONTALE D'UN SUPPORT, SUPPORT ET DOCUMENT DE SECURITE CORRESPONDANT**
[72] LUMEAU, JULIEN, FR
[72] LEMARCHAND, FABIEN, FR
[72] MOREAU, ANTONIN, FR
[72] BEGOU, THOMAS, FR
[72] GILLOT, JULIEN, FR
[72] BORDE, XAVIER, FR
[71] OBERTHUR FIDUCIAIRE SAS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] ECOLE CENTRALE DE MARSEILLE, FR
[71] UNIVERSITE D'AIX MARSEILLE, FR
[85] 2021-05-28
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[30] FR (1872035) 2018-11-29

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[51] **Int.Cl. B66B 7/02 (2006.01) B66B 7/04 (2006.01)**
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[54] **ELEVATOR RAIL**
[54] **RAIL D'ASCENSEUR**
[72] BUTLER, ERICH, CH
[72] FERRARIO, PAOLO, CH
[72] MORI, PETER, CH
[72] LO JACONO, ROMEO, CH
[71] INVENTIO AG, CH
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[86] 2019-12-19 (PCT/EP2019/086382)
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[25] EN
[54] **MINIMIZE TRAPPED FLUID IMPACT ON EXPANDABLE LINER HANGERS IN GEOTHERMAL APPLICATIONS**
[54] **MINIMISATION DE L'IMPACT D'UN FLUIDE PIEGE SUR DES DISPOSITIFS DE SUSPENSION DE COLONNE PERDUE EXTENSIBLES DANS DES APPLICATIONS GEOTHERMIQUES**
[72] ZHONG, XIAOGUANG ALLAN, US
[72] GHARESI, ABDOLREZA, US
[72] YIN, SHENGJUN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2021-05-28
[86] 2019-03-11 (PCT/US2019/021664)
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[51] **Int.Cl. B41J 2/175 (2006.01) G06F 3/00 (2006.01)**
[25] EN
[54] **LOGIC CIRCUITRY**
[54] **ENSEMBLE DE CIRCUITS LOGIQUES**
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A., US
[72] PANSHIN, STEPHEN D., US
[72] WARD, JEFFERSON P., US
[72] ROETHIG, DAVID OWEN, US
[72] OLSEN, DAVID N., US
[72] STUDER, ANTHONY D., US
[72] CUMBIE, MICHAEL W., US
[72] LU, SIRENA CHI, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-28
[86] 2019-04-05 (PCT/US2019/026133)
[87] (WO2020/117304)
[30] US (PCT/US2018/063638) 2018-12-03
[30] US (PCT/US2018/063643) 2018-12-03
[30] US (PCT/US2018/063631) 2018-12-03
[30] US (PCT/US2018/063624) 2018-12-03
[30] US (PCT/US2018/063630) 2018-12-03

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[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/741 (2015.01) A23L 33/135 (2016.01)**
[25] EN
[54] **PHASCOLARCTOBACTERIUM FAECIUM FOR USE IN THE PREVENTION AND TREATMENT OF OBESITY AND ITS COMORBIDITIES**
[54] **PHASCOLARCTOBACTERIUM FAECIUM DESTINE A ETRE UTILISE DANS LA PREVENTION ET LE TRAITEMENT DE L'OBESITE ET DE SES COMORBIDITES**
[72] SANZ HERRANZ, YOLANDA, ES
[72] LOPEZ ALMELA, INMACULADA, ES
[72] GOMEZ DEL PULGAR VILLANUEVA, EVA Mª, ES
[72] BENITEZ-PAEZ, ALFONSO, ES
[72] ROMANI PEREZ, MARINA, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[85] 2021-05-28
[86] 2019-12-02 (PCT/ES2019/070821)
[87] (WO2020/109646)
[30] ES (P201831166) 2018-11-30

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[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) C07K 14/54 (2006.01)**
[25] EN
[54] **ANTI-IL-27 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-IL-27 ET LEURS UTILISATIONS**
[72] HILL, JONATHAN, US
[72] CHAPPEL, SCOTT, US
[72] GLADSTONE, MICHAEL, US
[72] PRINZ, BIANKA, US
[72] LAKE, ANDREW, US
[72] MILLER, CHRISTINE, US
[72] WHITE, KERRY, US
[72] HUA, JING, US
[72] HOLLAND, PAMELA M., US
[72] RAUSCH, MATTHEW, US
[72] MOODLEY, DEVAPREGASAN, US
[72] TAN, GEGE, US
[71] SURFACE ONCOLOGY, INC., US
[85] 2021-05-28
[86] 2019-09-25 (PCT/US2019/053036)
[87] (WO2020/123011)
[30] US (62/779,341) 2018-12-13

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF RECONSTRUCTING BROWSER INTERACTION FROM SESSION DATA HAVING INCOMPLETE TRACKING DATA**
[54] **SYSTEME ET PROCEDE DE RECONSTRUCTION D'INTERACTIONS DE NAVIGATEUR A PARTIR DE DONNEES DE SESSIONS AYANT DES DONNEES DE SUIVI INCOMPLETES**
[72] LIVERSIDGE, CHRISTOPHER, GB
[71] QUERYCLICK LTD, GB
[85] 2021-05-28
[86] 2019-12-02 (PCT/GB2019/053404)
[87] (WO2020/109827)
[30] GB (1819613.9) 2018-11-30

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[51] **Int.Cl. A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/513 (2006.01) A61K 31/5377 (2006.01) A61P 3/04 (2006.01) A61P 5/48 (2006.01) A61P 21/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USP19 INHIBITORS FOR USE IN THERAPY**
[54] **INHIBITEURS D'USP19 DESTINES A ETRE UTILISES EN THERAPIE**
[72] ROUNTREE, JAMES SAMUEL SHANE, GB
[72] HEWITT, PETER, GB
[72] MCFARLAND, MARY MELISSA, GB
[72] BURKAMP, FRANK, GB
[72] BELL, CHRISTINA, GB
[72] O'DOWD, COLIN, GB
[72] HARRISON, TIMOTHY, GB
[72] HELM, MATTHEW DUNCAN, GB
[72] ROZYKA, EWELINA, GB
[72] CRANSTON, AARON, GB
[72] JACQ, XAVIER, GB
[72] PROCTOR, LAUREN, GB
[71] ALMAC DISCOVERY LIMITED, GB
[85] 2021-05-28
[86] 2019-12-06 (PCT/GB2019/053456)
[87] (WO2020/115500)
[30] GB (1819936.4) 2018-12-06
[30] GB (1904341.3) 2019-03-28

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[51] **Int.Cl. G01N 21/552 (2014.01) B82Y 15/00 (2011.01) G02B 5/00 (2006.01) G02B 21/34 (2006.01)**
[25] EN
[54] **METHOD OF IDENTIFYING A STRUCTURE**
[54] **PROCEDE D'IDENTIFICATION D'UNE STRUCTURE**
[72] ABBEY, BRIAN, AU
[72] BALAUR, EUGENIU, AU
[71] LA TROBE UNIVERSITY, AU
[85] 2021-05-28
[86] 2019-11-29 (PCT/IB2019/060307)
[87] (WO2020/110070)
[30] AU (2018904552) 2018-11-29

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[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/005 (2006.01) A61L 31/00 (2006.01)**
[25] EN
[54] **ENDOSCOPES WITH IMPROVED COMPATIBILITY TO OXIDATIVE PROCESSINGS AND METHODS FOR MANUFACTURING AND REPAIRING THE SAME**
[54] **ENDOSCOPES A COMPATIBILITE AMELIOREE VIS-A-VIS DE TRAITEMENTS OXYDANTS, ET PROCEDES DE FABRICATION ET DE REPARATION DE CEUX-CI**
[72] LEMYRE, JEAN-LUC, CA
[72] CATALONE, BRADLEY JOHN, US
[72] BOUCHARD, SEBASTIEN, CA
[71] TSO3 INC., CA
[85] 2021-05-28
[86] 2019-11-27 (PCT/IB2019/060253)
[87] (WO2020/110044)
[30] US (62/773,874) 2018-11-30

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[13] A1
[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/59 (2006.01) G01N 21/62 (2006.01) G01N 33/48 (2006.01) G06N 3/02 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **AUTOMATED METHOD OF IDENTIFYING A STRUCTURE**
[54] **PROCEDE AUTOMATISE D'IDENTIFICATION D'UNE STRUCTURE**
[72] ABBEY, BRIAN, AU
[72] BALAUR, EUGENIU, AU
[71] LA TROBE UNIVERSITY, AU
[85] 2021-05-28
[86] 2019-11-29 (PCT/IB2019/060310)
[87] (WO2020/110072)
[30] AU (2018904551) 2018-11-29

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[51] **Int.Cl. G01N 21/552 (2014.01) B82Y 15/00 (2011.01) B82Y 20/00 (2011.01) G01N 33/48 (2006.01) G02B 21/34 (2006.01)**
[25] EN
[54] **METHOD OF IDENTIFYING A STRUCTURE**
[54] **PROCEDE D'IDENTIFICATION D'UNE STRUCTURE**
[72] ABBEY, BRIAN, AU
[72] BALAUR, EUGENIU, AU
[72] PARKER, BELINDA, AU
[71] LA TROBE UNIVERSITY, AU
[85] 2021-05-28
[86] 2019-11-29 (PCT/IB2019/060309)
[87] (WO2020/110071)
[30] AU (2018904550) 2018-11-29

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[51] **Int.Cl. C21D 6/00 (2006.01) C21D 8/02 (2006.01) C21D 8/04 (2006.01) C21D 9/46 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01)**
[25] EN
[54] **COLD ROLLED AND ANNEALED STEEL SHEET, METHOD OF PRODUCTION THEREOF AND USE OF SUCH STEEL TO PRODUCE VEHICLE PARTS**
[54] **TOLE D'ACIER LAMINEE A FROID ET RECUITE, SON PROCEDE DE PRODUCTION ET UTILISATION D'UN TEL ACIER POUR PRODUIRE DES PIECES DE VEHICULE**
[72] DE DIEGO CALDERON, IRENE, FR
[72] HELL, JEAN-CHRISTOPHE, FR
[71] ARCELORMITTAL, LU
[85] 2021-05-28
[86] 2019-12-02 (PCT/IB2019/060361)
[87] (WO2020/115637)
[30] IB (PCT/IB2018/059625) 2018-12-04

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 9/19 (2006.01) A61K 31/00 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01) A61K 47/32 (2006.01) A61K 47/38 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **NOVEL PHARMACEUTICAL FORMULATION**
[54] **NOUVELLE FORMULATION PHARMACEUTIQUE**
[72] DHANIKULA, ANAND BABU, US
[72] MCQUEEN, LISA, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2021-05-28
[86] 2019-12-04 (PCT/IB2019/060437)
[87] (WO2020/115676)
[30] US (62/776,102) 2018-12-06

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[13] A1
[51] **Int.Cl. B05D 3/06 (2006.01) B05D 5/06 (2006.01) B05D 5/02 (2006.01)**
[25] EN
[54] **MECHANICAL REFLECTION AND IRRADIATION SYSTEM FOR CROSS-LINKING UV POLYMERIZABLE PAINTS**
[54] **SYSTEME DE REFLEXION ET DE RAYONNEMENT MECANIQUE POUR RETICULATION DE PEINTURES POLYMERISABLES AUX UV**
[72] SPARAPANI, LUCA, IT
[72] PANICCIA, FABIO, IT
[72] GIACCHETTA, LUIGINO, IT
[71] INDUSTRIA CHIMICA ADRIATICA - S.P.A. - IN SIGLA ICA S.P.A., IT
[85] 2021-05-28
[86] 2019-12-05 (PCT/IB2019/060484)
[87] (WO2020/115700)
[30] IT (102018000010863) 2018-12-06

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[51] **Int.Cl. A61K 39/12 (2006.01) A61P 31/14 (2006.01) A61P 31/18 (2006.01) A61P 31/22 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **HETEROLOGOUS PRIME BOOST VACCINE COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET METHODES HETEROLOGUES DE PRIMO-VACCINATION ET DE RAPPEL**
[72] CAPONE, STEFANIA, IT
[72] DELAHAYE, NICOLAS FREDERIC, US
[72] MARUGGI, GIULIETTA, US
[72] SONG, HAIFENG, US
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2021-05-28
[86] 2019-12-13 (PCT/IB2019/060766)
[87] (WO2020/121273)
[30] US (62/779,631) 2018-12-14

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[51] **Int.Cl. F24F 11/39 (2018.01) F24F 11/57 (2018.01) F24F 13/02 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **GEOFENCING-ENHANCED MONITORING OF AIR FILTERS**
[54] **SURVEILLANCE AMELIOREE PAR GEOREPERAGE DE FILTRES A AIR**
[72] MEIS, MICHAEL A., US
[72] HINER, PATRICK S., US
[72] ECHEVERRI, NICOLAS A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2021-05-28
[86] 2019-12-18 (PCT/IB2019/061036)
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[30] US (62/781,830) 2018-12-19

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[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION MACHINE WITH CAPSULE RECOGNITION**
[54] **MACHINE DE PREPARATION DE BOISSON A RECONNAISSANCE DE CAPSULE**
[72] GUYON, BERTRAND, FR
[72] JANS, PETER, BE
[72] FOURNIER, MICHAEL, CH
[71] SOCIETES DES PRODUITS NESTLE S.A., CH
[85] 2021-05-28
[86] 2019-12-10 (PCT/EP2019/084300)
[87] (WO2020/120424)
[30] EP (18211992.5) 2018-12-12

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[13] A1
[51] **Int.Cl. C25B 1/00 (2021.01) C25B 11/04 (2021.01)**
[25] EN
[54] **PROCESS FOR ELECTROLYTIC PRODUCTION OF AMMONIA FROM NITROGEN USING METAL SULFIDE CATALYTIC SURFACE**
[54] **PROCEDE DE PRODUCTION ELECTROLYTIQUE D'AMMONIAC A PARTIR D'AZOTE A L'AIDE D'UNE SURFACE CATALYTIQUE A BASE DE SULFURE METALLIQUE**
[72] SKULASON, EGILL, IS
[72] ABGHOUI, YOUNES, IS
[71] ATMONIA EHF., IS
[86] (3121433)
[87] (3121433)
[22] 2019-11-29
[30] IS (050246) 2018-11-29

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[51] **Int.Cl. G02B 21/34 (2006.01) B82Y 15/00 (2011.01) B82Y 20/00 (2011.01) G01N 21/552 (2014.01)**
[25] EN
[54] **MICROSCOPY METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE MICROSCOPIE**
[72] ABBEY, BRIAN, AU
[72] BALAUR, EUGENIU, AU
[71] LA TROBE UNIVERSITY, AU
[85] 2021-05-28
[86] 2019-11-29 (PCT/IB2019/060305)
[87] (WO2020/110069)
[30] AU (2018904553) 2018-11-29

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[13] A1
[51] **Int.Cl. B24D 11/00 (2006.01)**
[25] EN
[54] **POLISHING NANOFIBER AGGREGATE AND METHOD FOR PRODUCING SAME**
[54] **AGREGAT DE NANOFIBRES DE POLISSAGE ET SON PROCEDE DE PRODUCTION**
[72] IKEGAYA, MORIHIKO, JP
[72] SOTA, HIROYOSHI, JP
[72] HIROGAKI, TOSHIKI, JP
[72] AOYAMA, EIICHI, JP
[72] WU, WEI, JP
[71] M-TECHX INC., JP
[85] 2021-05-28
[86] 2017-11-29 (PCT/JP2017/042926)
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[51] **Int.Cl. F16B 2/08 (2006.01) B60R 16/02 (2006.01) F16B 2/10 (2006.01) H02G 3/32 (2006.01)**
[25] EN
[54] **CLAMP**
[54] **COLLIER**
[72] SEKI, YUSUKE, JP
[71] HELLERMANNTYTON CO., LTD., JP
[85] 2021-05-28
[86] 2019-06-21 (PCT/JP2019/024694)
[87] (WO2020/136949)
[30] JP (2018-241513) 2018-12-25

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[13] A1
[51] **Int.Cl. C07K 1/00 (2006.01)**
[25] EN
[54] **NOVEL METHOD FOR PRODUCING PEPTIDE THIOESTER AND PEPTIDE**
[54] **NOUVEAUX PROCEDES DE PRODUCTION DE PEPTIDE THIOESTER ET PEPTIDE**
[72] KAJIHARA, YASUHIRO, JP
[72] OKAMOTO, RYO, JP
[72] MAKI, YUTA, JP
[72] AMAZAKI, YOKO, JP
[72] NOMURA, KOTA, JP
[72] NISHIKAWA, RIE, JP
[72] MURASE, TAKEFUMI, JP
[71] GLYTECH, INC., JP
[85] 2021-05-28
[86] 2019-03-04 (PCT/JP2019/008381)
[87] (WO2020/110330)
[30] JP (2018-226094) 2018-11-30

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[13] A1
[51] **Int.Cl. C12G 3/04 (2019.01) A23L 27/00 (2016.01) A23L 2/00 (2006.01) C07K 5/078 (2006.01)**
[25] EN
[54] **LIQUID COMPOSITION FOR ORAL USE AND METHOD FOR REDUCING BITTERNESS OF LIQUID COMPOSITION FOR ORAL USE**
[54] **COMPOSITION LIQUIDE POUR USAGE PAR VOIE ORALE ET PROCEDE DE DIMINUTION DE L'AMERTUME D'UNE COMPOSITION LIQUIDE POUR USAGE PAR VOIE ORALE**
[72] TAGUCHI, WAKANA, JP
[72] IMAO, TAKAKO, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2021-05-28
[86] 2019-11-29 (PCT/JP2019/046713)
[87] (WO2020/111217)
[30] JP (2018-226088) 2018-11-30

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[13] A1
[51] **Int.Cl. C09D 133/08 (2006.01) C09D 7/20 (2018.01) C09D 7/42 (2018.01) C09D 7/61 (2018.01) B05D 1/36 (2006.01) C09D 5/00 (2006.01) C09D 133/14 (2006.01) C09D 175/00 (2006.01)**
[25] EN
[54] **COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT**
[72] MURATA, HIROSHI, JP
[72] UOZUMI, TORU, JP
[72] OMURA, MASAHIRO, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2021-05-28
[86] 2019-09-13 (PCT/JP2019/036208)
[87] (WO2020/115984)
[30] JP (2018-230226) 2018-12-07

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[13] A1
[51] **Int.Cl. A61K 31/282 (2006.01) A61K 31/443 (2006.01) A61K 31/454 (2006.01) A61K 31/4745 (2006.01) A61K 31/475 (2006.01) A61K 31/573 (2006.01) A61K 31/675 (2006.01) A61K 31/704 (2006.01) A61K 31/7068 (2006.01) A61K 45/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **EZH1/2 DUAL INHIBITOR-CONTAINING PHARMACEUTICAL COMPOSITION TO BE USED AS A COMBINATION DRUG**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN INHIBITEUR DOUBLE DE EZH1/2 A UTILISER EN TANT QU'ASSOCIATION MEDICAMENTEUSE**
[72] HONMA, DAISUKE, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2021-05-28
[86] 2019-11-29 (PCT/JP2019/046794)
[87] (WO2020/111234)
[30] JP (2018-223780) 2018-11-29

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[13] A1
[51] **Int.Cl. G02B 19/00 (2006.01) G02B 27/10 (2006.01) G02B 27/14 (2006.01) G02B 27/62 (2006.01)**
[25] FR
[54] **DISPOSITIF D'HARMONISATION MULTI-SPECTRAL DESTINE A ALIGNER LES VOIES OPTIQUES D'UN SYSTEME OPTRONIQUE**
[54] **MULTISPECTRAL HARMONISATION DEVICE INTENDED FOR ALIGNING THE OPTICAL CHANNELS OF AN OPTRONIC SYSTEM**
[72] DAVENEL, ARNAUD, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[85] 2021-05-28
[86] 2019-12-09 (PCT/EP2019/084145)
[87] (WO2020/120362)
[30] FR (1872709) 2018-12-11

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[13] A1
[51] **Int.Cl. D21D 1/02 (2006.01) E04B 1/94 (2006.01) E04B 2/02 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING FIRE RETARDANT MATERIALS AND RELATED PRODUCTS**
[54] **PROCEDE DE FABRICATION DE MATERIAUX IGNIFUGES ET PRODUITS ASSOCIES**
[72] STRIMLING, JONATHAN, US
[72] BRANDSTEIN, MARK, US
[72] FISCHER, CURTIS, US
[71] CLEANFIBER, LLC, US
[85] 2021-05-28
[86] 2018-11-30 (PCT/US2018/063244)
[87] (WO2019/108893)
[30] US (62/592,994) 2017-11-30

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[51] **Int.Cl. A61K 35/545 (2015.01) A61K 35/28 (2015.01) A61P 9/00 (2006.01) A61P 9/08 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENT OF PERIPHERAL BLOOD FLOW DISORDER**
[54] **AGENT THERAPEUTIQUE CONTRE UN TROUBLE DU FLUX SANGUIN PERIPHERIQUE**
[72] MATOBA, SATOAKI, JP
[72] DEZAWA, MARI, JP
[71] KYOTO PREFECTURAL PUBLIC UNIVERSITY CORPORATION, JP
[71] LIFE SCIENCE INSTITUTE, INC., JP
[85] 2021-05-28
[86] 2019-11-29 (PCT/JP2019/046847)
[87] (WO2020/111249)
[30] JP (2018-225295) 2018-11-30

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[13] A1
[51] **Int.Cl. A61K 31/40 (2006.01) A61K 31/401 (2006.01) A61K 31/4174 (2006.01) A61K 31/422 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) A61P 43/00 (2006.01) C07D 207/36 (2006.01) C07D 213/71 (2006.01) C07D 213/73 (2006.01) C07D 233/78 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 405/06 (2006.01) C07D 413/04 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **DOCK1-INHIBITING COMPOUND AND USE THEREOF**
[54] **COMPOSE INHIBITEUR DE DOCK1 ET SON UTILISATION**
[72] FUKUI, YOSHINORI, JP
[72] URUNO, TAKEHITO, JP
[72] KANAI, MOTOMU, JP
[72] OISAKI, KOUNOSUKE, JP
[72] TSUTSUMI, RYOSUKE, JP
[71] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP
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[25] EN
[54] **NOVEL CRYSTAL OF (3S)-3-[2-(6-AMINO-2-FLUOROPYRIDIN-3-YL)-4-FLUORO-1H-IMIDAZOL-5-YL]-7-[5-CHLORO-2-(1H-TETRAZOL-1-YL)PHENYL]-2,3-DIHYDROINDOLIZIN-5(1H)-ONE**
[54] **NOUVEAU CRISTAL DE (3S)-3-[2-(6-AMINO-2-FLUOROPYRIDINE-3-YL)-4-FLUORO-1H-IMIDAZOLE-5-YL]-7-[5-CHLORO-2-(1H-TETRAZOLE-1-YL)PHENYL]-2,3-DIHYDROINDOLIZINE-5(1H)-ONE**
[72] FUJITO, TAKAYUKI, JP
[72] ONO, SHIZUKA, JP
[72] OHTANI, SHUHEI, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
[85] 2021-05-28
[86] 2019-11-29 (PCT/JP2019/046893)
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[25] EN
[54] **NUCLEIC ACID CONJUGATE**
[54] **COMPLEXE D'ACIDE NUCLEIQUE**
[72] IWAI, HIROTO, JP
[72] IMAEDA, TAKASHI, JP
[72] ARIYAMA, HIROYUKI, JP
[72] MURAKAMI, TAKUYA, JP
[71] KYOWA KIRIN CO., LTD., JP
[85] 2021-05-28
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[30] JP (2018-225829) 2018-11-30

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[51] **Int.Cl. C11B 3/12 (2006.01) A23L 33/12 (2016.01)**
[25] EN
[54] **A COMPOSITION CONTAINING AN HIGHLY UNSATURATED FATTY ACID OR ALKYL ESTER THEREOF AND A METHOD FOR PRODUCING THE SAME**
[54] **COMPOSITION CONTENANT UN ACIDE GRAS POLYINSATURE OU UN ESTER ALKYLIQUE DE CELUI-CI ET SON PROCEDE DE PRODUCTION**
[72] DOISAKI, NOBUSHIGE, JP
[72] FURIHATA, KIYOMI, JP
[72] YAMAGUCHI, HIDEAKI, JP
[71] NIPPON SUISAN KAISHA, LTD., JP
[85] 2021-05-28
[86] 2019-12-12 (PCT/JP2019/048649)
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[30] JP (2018-232498) 2018-12-12

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[54] **METHOD FOR CONTROLLING WEED**
[54] **PROCEDE DE LUTTE CONTRE LES MAUVAISES HERBES**
[72] SADA, YOSHINAO, JP
[72] JIN, YOSHINOBU, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2021-05-28
[86] 2019-12-20 (PCT/JP2019/050055)
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[25] EN
[54] **A FILTER DEVICE, AND METHOD OF ASSEMBLY**
[54] **DISPOSITIF DE FILTRAGE, ET PROCEDE D'ASSEMBLAGE**
[72] NOKLEBY, PAL HELGE, NO
[72] HILDITCH, MICHAEL (DECEASED), NO
[71] AKER CARBON CAPTURE NORWAY AS, NO
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[86] 2019-11-29 (PCT/NO2019/050263)
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[51] **Int.Cl. G21F 3/025 (2006.01) A41D 13/02 (2006.01) A44B 19/00 (2006.01)**
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[54] **DISPOSABLE INDIVIDUAL OVERALL FOR PROTECTION AGAINST RADIOACTIVE PARTICLES**
[54] **COMBINAISON INDIVIDUELLE A USAGE UNIQUE DE PROTECTION CONTRE DES PARTICULES RADIOACTIVES**
[72] MONIER, CATHERINE, FR
[72] ROUGON, GILLES, FR
[72] SPAZZOLA, VICTOR, FR
[71] ELECTRICITE DE FRANCE, FR
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[54] **LOGIC CIRCUITRY PACKAGE**
[54] **BOITIER DE CIRCUIT LOGIQUE**
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-28
[86] 2019-10-25 (PCT/US2019/058201)
[87] (WO2020/117402)
[30] US (PCT/US2018/063631) 2018-12-03
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[51] **Int.Cl. C07H 3/02 (2006.01) C07H 1/00 (2006.01)**
[25] EN
[54] **D-PSICOSE CRYSTAL AND PREPARATION METHOD THEREFOR**
[54] **CRISTAL DE D-PSICOSE ET SON PROCEDE DE PREPARATION**
[72] PARK, YOUNG SOO, KR
[72] LEE, JOO HANG, KR
[72] KIM, SEONG BO, KR
[72] PARK, SEUNG WON, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[85] 2021-05-28
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[25] EN
[54] **LOGIC CIRCUITRY**
[54] **CIRCUITS LOGIQUES**
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A., US
[72] PANSHIN, STEPHEN D., US
[72] WARD, JEFFERSON P., US
[72] ROETHIG, DAVID OWEN, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-05-28
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[51] **Int.Cl. A01L 1/00 (2006.01) A01L 7/10 (2006.01)**
[25] EN
[54] **HOOF TAP DEVICE**
[54] **DISPOSITIF DE PROTECTION DE SABOT**
[72] EHRMANN, DOUGLAS GERARD, US
[71] DE HOOF TAPS LIMITED, GB
[85] 2021-05-28
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[25] EN
[54] **PROPPANT PARTICULATES FORMED FROM POLYAROMATIC HYDROCARBONS FIELD**
[54] **PARTICULES D'AGENT DE SOUTENEMENT FORMEES A PARTIR D'HYDROCARBURES POLYAROMATIQUES**
[72] GORDON, PETER A., US
[72] ZHOU, HUAXING, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2021-05-28
[86] 2019-11-13 (PCT/US2019/061315)
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[25] EN
[54] **BOTULINUM TOXIN-STABILIZING LIQUID COMPOSITION**
[54] **COMPOSITION LIQUIDE DE STABILISATION DE LA TOXINE BOTULIQUE**
[72] KIM, WANSEOP PAUL, KR
[72] KIM, YEONG-MOK, KR
[72] PARK, GI-SIK, KR
[72] PARK, JAE-MIN, KR
[72] LEE, AE-YEON, KR
[71] HUONS BIOPHARMA CO., LTD., KR
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[25] EN
[54] **SYSTEMS AND METHODS OF CRYO-CURING**
[54] **SYSTEMES ET PROCEDES DE CRYO-DURCISSSEMENT**
[72] BAUGHMAN, GREG, US
[72] MCAFEE, TRACEE, US
[71] FORTUNATA, LLC, US
[85] 2021-05-28
[86] 2019-11-14 (PCT/US2019/061412)
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[25] EN
[54] **FUEL EFFICIENCY OPTIMIZATION APPARATUS AND METHOD FOR HYBRID TRACTOR TRAILER VEHICLES**
[54] **APPAREIL ET PROCEDE D'OPTIMISATION DE RENDEMENT DE CARBURANT POUR VEHICULES TRACTEUR-REMORQUE HYBRIDES**
[72] LAYFIELD, BRIAN, CA
[72] FAN, BRIAN, CA
[71] ELECTRANS TECHNOLOGIES LTD., CA
[85] 2021-05-28
[86] 2019-11-29 (PCT/CA2019/051716)
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[54] **APPARATUSES AND METHODS FOR HEATING AND COOLING GLASS TUBING**
[54] **APPAREILS ET PROCEDES DE CHAUFFAGE ET DE REFROIDISSEMENT DE TUBE EN VERRE**
[72] BERKEY, ADAM CHARLES, US
[72] DE LA TORRE, MARTIN A., US
[72] KRISHNAMURTHY, SOWMYA, US
[72] MENG, JIANDONG, US
[72] POSADA-PINEDA, DAVID, US
[72] RATCHFORD, RYAN DANIEL, US
[71] CORNING INCORPORATED, US
[85] 2021-05-28
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[51] **Int.Cl. A01K 1/00 (2006.01) B63B 34/20 (2020.01) B63B 34/26 (2020.01) A01K 1/035 (2006.01)**
[25] EN
[54] **PET CORRAL FOR KAYAK**
[54] **CORRAL POUR ANIMAL DE COMPAGNIE POUR KAYAK**
[72] EVA, MONIQUE RENEE, US
[71] EVA, MONIQUE RENEE, US
[85] 2021-05-25
[86] 2019-11-26 (PCT/US2019/063348)
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[30] US (62/773,832) 2018-11-30

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[51] **Int.Cl. A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **PYRAZOLYL COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSES DE PYRAZOLYLE ET LEURS PROCEDES D'UTILISATION**
[72] VANKAYALAPATI, HARIPRASAD, US
[71] ARRIEN PHARMACEUTICALS LLC, US
[85] 2021-04-14
[86] 2019-10-25 (PCT/US2019/058187)
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[30] US (62/751,405) 2018-10-26

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[25] EN
[54] **DOUBLE STRANDED OLIGONUCLEOTIDE CONSTRUCT COMPRISING ANDROGEN RECEPTOR SPECIFIC SEQUENCE, AND COMPOSITION FOR PREVENTING HAIR LOSS AND PROMOTING HAIR GROWTH COMPRISING SAME**
[54] **CONSTRUCTION D'OLIGONUCLEOTIDE DOUBLE BRIN COMPORTANT UNE SEQUENCE SPECIFIQUE DU RECEPTEUR AUX ANDROGENES, ET COMPOSITION LA COMPORTANT POUR PREVENIR LA PERTE DES CHEVEUX ET STIMU LER LA POUSSE DES CHEVEUX**
[72] PARK, HAN-OH, KR
[72] YUN, SUNG IL, KR
[72] BYUN, SANG-JIN, KR
[72] LEE, MYEONG-MI, KR
[72] YANG, SEUNG YA, KR
[71] BIONEER CORPORATION, KR
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[86] 2019-11-18 (PCT/KR2019/015723)
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[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL L-PROLINE SULFONAMIDE DERIVATIVES COMPRISING PYRAZOLO[4,3-E]TETRAZOLO[4,5-B][1,2,4]TRIAZINE SYSTEM, METHOD OF MANUFACTURING THEREOF, USES THEREOF AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **NOUVEAUX DERIVES DE L-PROLINE SULFONAMIDE COMPRENANT LE SYSTEME PYRAZOLO[4,3-E]TETRAZOLO[4,5-B][1,2,4]TRIAZINE, SON PROCEDE DE FABRICATION, SES UTILISATIONS ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT**
[72] MOJZYCH, MARIUSZ, PL
[72] KOTWICA-MOJZYCH, KATARZYNA, PL
[72] BIELAWSKA, ANNA, PL
[72] BIELAWSKI, KRZYSZTOF, PL
[72] PAWLAK, DARIUSZ, PL
[72] HERMANOWICZ, JUSTYNA MAGDALENA, PL
[72] TANKIEWICZ-KWEDLO, ANNA, PL
[72] SZYMANOWSKA, ANNA, PL
[71] UNIWERSYTET MEDYCZNY W BIALYMSTOKU, PL
[71] UNIWERSYTET PRZYRODNICZO-HUMANISTYCZNY W SIEDLCACH, PL
[71] UNIWERSYTET MEDYCZNY W LUBLINIE, PL
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[25] EN
[54] **SYSTEM FOR DETECTING CIRCUIT ANOMALIES IN TRAILER WIRING**
[54] **SYSTEME DE DETECTION D'ANOMALIES DE CIRCUIT DANS UN CABLAGE DE REMORQUE**
[72] PAMPATTIWAR, SANKALP, US
[72] KUBAL, YOGESH, US
[72] TANG, SHENGJIE, US
[72] PEREZ-BOLIVAR, CESAR, US
[71] GROTE INDUSTRIES, INC., US
[85] 2021-05-28
[86] 2019-11-26 (PCT/US2019/063210)
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[25] EN
[54] **COMPRESSIBLE ELECTRICAL CONTACTS WITH DIVARICATED-CUT SECTIONS**
[54] **CONTACTS ELECTRIQUES COMPRESSIBLES A SECTIONS COUPEES PAR DIVARICELLE**
[72] GRABOWSKI, DANIEL MICHAEL, US
[72] STEIN, CASEY ROY, US
[71] CORNING OPTICAL COMMUNICATIONS RF LLC, US
[85] 2021-05-28
[86] 2019-11-21 (PCT/US2019/062537)
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[25] EN
[54] **OPHTHALMIC SOLUTIONS HAVING VISUAL MARKER FOR SAFER CONTACT LENS INSERTION AND REMOVAL**
[54] **SOLUTIONS OPHTALMIQUES AYANT UN MARQUEUR VISUEL POUR UNE INSERTION ET UN RETRAIT DE LENTILLE DE CONTACT PLUS SURS**
[72] JAMES, NEENA SINGHAL, US
[71] JAMES, NEENA SINGHAL, US
[85] 2021-05-28
[86] 2019-11-26 (PCT/US2019/063444)
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[25] EN
[54] **SINGLE DOMAIN ANTIBODIES AGAINST CLL-1**
[54] **ANTICORPS A DOMAINE UNIQUE CIBLANT CLL-1**
[72] LOBB, ROY, US
[72] RENNERT, PAUL, US
[71] ALETA BIOTHERAPEUTICS INC., US
[85] 2021-05-28
[86] 2019-11-27 (PCT/US2019/063691)
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[30] US (62/774,025) 2018-11-30
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[54] **MODULAR VENDING MACHINES**
[54] **DISTRIBUTEURS AUTOMATIQUES MODULAIRES**
[72] CHAN, WAI TING, GB
[72] JOHNSTONE, SAMUEL LUKE, GB
[72] MITCHELL, MARTYN THOMAS, GB
[72] MORRISON, EUAN, GB
[72] WILLIAMS, ERIK DAVID, GB
[72] CRAWFORD, ROBERT, US
[72] JAFA, EMAD, US
[72] LAU, CHEUK CHI, US
[72] LI, XUEJUN, US
[72] SEROCK, YONG, US
[71] PEPSICO, INC., US
[85] 2021-05-28
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[30] US (16/206,474) 2018-11-30

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[25] EN
[54] **INTELLIGENT TABLE GAME AND METHODS THEREOF**
[54] **JEU DE TABLE INTELLIGENT ET PROCEDES ASSOCIES**
[72] NAGATA, STEVEN L., US
[72] SATTAR, NASR F., US
[72] SIDSWORTH, JOSHUA W., CA
[72] MCCLELLAN, RYAN P., US
[72] COADY, JOSEPH ALEXANDER, CA
[71] NRT TECHNOLOGY CORPORATION, CA
[85] 2021-05-28
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[30] US (62/772,872) 2018-11-29
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[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **DETECTING ATTACKS USING HANDSHAKE REQUESTS SYSTEMS AND METHODS**
[54] **DETECTION D'ATTAQUES A L'AIDE DE SYSTEMES ET DE PROCEDES DE DEMANDES D'ETABLISSEMENT DE LIAISON**
[72] PENNER, ANDREW, US
[72] KANEKAR, TUSHAR, US
[71] CITRIX SYSTEMS, INC., US
[85] 2021-05-28
[86] 2019-11-27 (PCT/US2019/063731)
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[30] US (16/207,423) 2018-12-03

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[51] **Int.Cl. A61K 31/445 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **AN AURORA A KINASE INHIBITOR FOR USE IN THE TREATMENT OF NEUROBLASTOMA**
[54] **INHIBITEUR DE KINASE AURORA A DESTINE A ETRE UTILISE DANS LE TRAITEMENT DU NEUROBLASTOME**
[72] DOWLESS, MICHELE SUZANNE, US
[72] GONG, XUEQIAN, US
[72] STANCATO, LOUIS FRANK, US
[71] ELI LILLY AND COMPANY, US
[85] 2021-05-28
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[25] EN
[54] **PLATELETS LOADED WITH ANTI-CANCER AGENTS**
[54] **PLAQUETTES CHARGEES D'AGENTS ANTICANCEREUX**
[72] MOSKOWITZ, KEITH ANDREW, US
[72] JORDA, RAFAEL, US
[72] ZHENG, YING YI, US
[72] SHEIK, DANIEL, US
[71] CELLPHIRE, INC., US
[85] 2021-05-28
[86] 2019-11-27 (PCT/US2019/063750)
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[54] **PULP MIXTURE**
[54] **MELANGE DE PATE A PAPIER**
[72] BARTON, IRIS B., US
[72] BOLTON, TODD, US
[72] NICHOLSON, DANIEL J., US
[72] SCHNELLE, SCOTT T., US
[71] SOLENIS TECHNOLOGIES CAYMAN, L.P., KY
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[51] **Int.Cl. B62K 23/04 (2006.01) B62K 23/02 (2006.01) B62K 23/06 (2006.01) F02D 11/02 (2006.01)**
[25] EN
[54] **MOTORIZED VEHICLE**
[54] **VEHICULE MOTORISE**
[72] EVANS, BRYCE R., US
[72] RODRIGUEZ, WILLIAM B., US
[72] TAYLOR, SCOTT D., US
[72] KELSO, JOEL B., US
[72] HANTEN, MICHAEL J., US
[71] POLARIS INDUSTRIES INC., US
[85] 2021-05-28
[86] 2019-11-27 (PCT/US2019/063779)
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[30] US (16/207,945) 2018-12-03

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[51] **Int.Cl. G06N 10/00 (2019.01)**
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[54] **MAGIC STATE FACTORY CONSTRUCTIONS FOR PRODUCING CCZ AND T STATES**
[54] **CONSTRUCTIONS D'USINE D'ETAT MAGIQUE DESTINEE A PRODUIRE DES ETATS CCZ ET T**
[72] GIDNEY, CRAIG, US
[72] FOWLER, AUSTIN GREIG, US
[71] GOOGLE LLC, US
[85] 2021-05-28
[86] 2019-11-27 (PCT/US2019/063744)
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[30] US (62/773,066) 2018-11-29

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[51] **Int.Cl. B65G 1/06 (2006.01)**
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[54] **APPARATUS AND METHOD FOR AUTONOMOUS AGRICULTURE INVENTORY MANAGEMENT**
[54] **APPAREIL ET PROCEDE DE GESTION D'INVENTAIRE AGRICOLE AUTONOME**
[72] LAWRENCE, AUSTIN BLAKE, US
[72] RUSSELL, LOREN KRISTOFOR, US
[72] LANDES, SCOTT THOMAS, US
[72] WEBB, JAMES BRAXTON, US
[72] WEBB, EDWARD AUSTIN, US
[71] ROBOTANY LTD., US
[85] 2021-05-28
[86] 2019-12-02 (PCT/US2019/063928)
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[51] **Int.Cl. H01R 9/03 (2006.01) H01R 9/05 (2006.01) H01R 9/11 (2006.01)**
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[54] **COAXIAL CABLE CONNECTORS HAVING A GROUNDING MEMBER**
[54] **CONNECTEURS DE CABLES COAXIAUX COMPRENANT UN ELEMENT DE MISE A LA TERRE**
[72] WATKINS, HAROLD, US
[72] STANKOVSKI, STEVE, US
[72] MARONEY, RICHARD, US
[71] PPC BROADBAND, INC., US
[85] 2021-05-28
[86] 2019-12-02 (PCT/US2019/064080)
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[30] US (62/773,801) 2018-11-30

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[25] EN
[54] **PLEATED MEDIA FOR A CONICAL SHAPED FILTER ELEMENT**
[54] **SUPPORT PLISSE POUR ELEMENT FILTRANT DE FORME CONIQUE**
[72] ZIA, MAJID, US
[72] SPEARMAN, MICHAEL, US
[72] ALDEN, ALLAN, US
[72] MILLER, MARTIN GENE, US
[71] ZIA, MAJID, US
[71] SPEARMAN, MICHAEL, US
[71] ALDEN, ALLAN, US
[71] MILLER, MARTIN GENE, US
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[54] **AUTONOMOUS MOWER NAVIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE NAVIGATION DE TONDEUSE AUTONOME**
[72] CHANG, HER-JYE, US
[71] MTD PRODUCTS INC, US
[85] 2021-05-28
[86] 2019-12-02 (PCT/US2019/064051)
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[30] US (62/774,315) 2018-12-02

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[25] EN
[54] **DOUBLE-ENDED LAMP SOCKET SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE DOUILLE DE LAMPE A DOUBLE EXTREMITE ET SON PROCEDE D'UTILISATION**
[72] ALAURA, GREGORY, US
[72] BRADLEY, AUBREY, US
[72] GOELDI, RICHARD, US
[72] LOZANO, HENRI, US
[71] BARRON LIGHTING GROUP, US
[85] 2021-05-28
[86] 2019-11-27 (PCT/US2019/063732)
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[51] **Int.Cl. A61K 31/7036 (2006.01) A61P 35/00 (2006.01) C07H 15/236 (2006.01)**
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[54] **METHODS, COMPOSITIONS, AND KITS FOR TREATING OCULAR DISEASES**
[54] **METHODES, COMPOSITIONS ET KITS PERMETTANT DE TRAITER DES MALADIES OCULAIRES**
[72] VAN DUZER, JOHN, US
[72] WILLIAMS, GREG, US
[71] ELOXX PHARMACEUTICALS, US
[85] 2021-05-28
[86] 2019-11-27 (PCT/US2019/063781)
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[25] EN
[54] **CYCLIC PANTETHEINE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE PANTETHEINE CYCLIQUE ET UTILISATIONS DE CEUX-CI**
[72] TAVERAS, ARTHUR GEORGE, US
[72] KUSCER, ENEJ, NL
[72] SEKIRNIK, ANGELINA ROBERTA, NL
[72] SHAH, DHARINI, US
[72] VALLS SERON, MERCEDES, NL
[71] COMET THERAPEUTICS, INC., US
[85] 2021-05-28
[86] 2019-12-02 (PCT/US2019/063986)
[87] (WO2020/113213)
[30] US (62/773,952) 2018-11-30
[30] US (62/774,759) 2018-12-03
[30] US (62/794,503) 2019-01-18
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[51] **Int.Cl. C04B 16/06 (2006.01) D06M 10/04 (2006.01) C08J 3/28 (2006.01)**
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[54] **RADIATION-TREATED FIBERS, METHODS OF TREATING AND APPLICATIONS FOR USE**
[54] **FIBRES TRAITEES PAR RAYONNEMENT, PROCEDES DE TRAITEMENT ET APPLICATIONS A UTILISER**
[72] LINDH, RODGER B., US
[72] LINDH, JOHN B., US
[72] LOVETT, CHRISTOPHER P., US
[72] DOODY, MARTIN, US
[71] FORTA, LLC, US
[85] 2021-05-28
[86] 2019-12-03 (PCT/US2019/064149)
[87] (WO2020/117749)
[30] US (62/774,422) 2018-12-03

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD FOR SECURELY NEGOTIATING END-TO-END CRYPTOGRAPHIC CONTEXT USING INLINE MESSAGES THROUGH MULTIPLE PROXIES IN CLOUD AND CUSTOMER ENVIRONMENT**
[54] **PROCEDE POUR NEGOCIER DE MANIERE SECURISEE UN CONTEXTE CRYPTOGRAPHIQUE DE BOUT EN BOUT A L'AIDE DE MESSAGES EN LIGNE PAR L'INTERMEDIAIRE DE MULTIPLES MANDATAIRES DANS UN ENVIRONNE MENT EN NUAGE ET CLIENT**
[72] SURESH, VISWANATH YARANGATTA, US
[71] CITRIX SYSTEMS, INC., US
[85] 2021-05-28
[86] 2019-12-03 (PCT/US2019/064264)
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[25] EN
[54] **PANTETHEINE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE PANTETHEINE ET LEURS UTILISATIONS**
[72] TAVERAS, ARTHUR GEORGE, US
[72] KUSCER, ENEJ, NL
[72] SEKIRNIK, ANGELINA ROBERTA, NL
[72] SHAH, DHARINI, US
[72] VALLS SERON, MERCEDES, NL
[71] COMET THERAPEUTICS, INC., US
[85] 2021-05-28
[86] 2019-12-02 (PCT/US2019/063955)
[87] (WO2020/113209)
[30] US (62/773,952) 2018-11-30
[30] US (62/774,759) 2018-12-03
[30] US (62/794,503) 2019-01-18
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[51] **Int.Cl. B29D 29/08 (2006.01) F16G 1/28 (2006.01) F16G 3/00 (2006.01) F16G 5/00 (2006.01) F16G 7/00 (2006.01)**
[25] EN
[54] **HELICAL BELT ASSEMBLY, METHOD OF USE, AND KIT THEREFORE**
[54] **ENSEMBLE COURROIE HELICOIDALE, PROCEDE D'UTILISATION ET KIT ASSOCIE**
[72] GODSEY, GREGORY A., US
[71] GODSEY, GREGORY A., US
[85] 2021-05-28
[86] 2019-11-29 (PCT/US2019/063885)
[87] (WO2020/113190)
[30] US (62/773,578) 2018-11-30
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[51] **Int.Cl. G01N 33/02 (2006.01) G06Q 50/28 (2012.01) H04W 4/35 (2018.01) H04L 9/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **SYSTEM, DEVICE, AND PROCESS FOR TRACKING PRODUCT**
[54] **SYSTEME, DISPOSITIF ET PROCEDE DE SUIVI DE PRODUIT**
[72] JAVAHERI, GUILDA, US
[71] GOLDEN STATE FOODS CORP., US
[85] 2021-05-28
[86] 2019-12-05 (PCT/US2019/064643)
[87] (WO2020/118030)
[30] US (62/776,149) 2018-12-06

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[51] **Int.Cl. A01K 27/00 (2006.01) A61N 1/40 (2006.01) A61N 2/00 (2006.01) A61N 2/02 (2006.01) A61N 2/12 (2006.01) A61N 5/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TREATMENT OF MENTAL AND BEHAVIORAL CONDITIONS AND DISORDERS WITH ELECTROMAGNETIC FIELDS**
[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT D'ETATS ET DE TROUBLES MENTAUX ET COMPORTEMENTAUX AVEC DES CHAMPS ELECTROMAGNETIQUES**
[72] DIMINO, ANDRE' A., US
[72] DRUMMER, MATTHEW, US
[72] KORMAN, JUDY, US
[72] RUSSO, FRANCIS J., US
[71] AAH HOLDINGS LLC, US
[85] 2021-05-28
[86] 2019-12-03 (PCT/US2019/064218)
[87] (WO2020/117790)
[30] US (62/774,593) 2018-12-03

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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 9/10 (2006.01) C12N 9/18 (2006.01)**
[25] EN
[54] **RNAI CONSTRUCTS FOR INHIBITING PNPLA3 EXPRESSION AND METHODS OF USE THEREOF**
[54] **CONSTRUCTIONS D'ARNI PERMETTANT D'INHIBER L'EXPRESSION DE PNPLA3 ET LEURS METHODES D'UTILISATION**
[72] RULIFSON, INGRID, US
[72] MURRAY, JUSTIN K., US
[72] OLLMANN, MICHAEL, US
[72] HOMANN, OLIVER, US
[71] AMGEN INC., US
[85] 2021-05-28
[86] 2019-12-10 (PCT/US2019/065481)
[87] (WO2020/123508)
[30] US (62/777,714) 2018-12-10

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[51] **Int.Cl. F24T 10/15 (2018.01) F24T 10/00 (2018.01)**
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[54] **GROUNDWATER ENHANCED GEOTHERMAL HEAT PUMP**
[54] **POMPE A CHALEUR GEOTHERMIQUE A EAU SOUTERRAINE AMELIOREE**
[72] RANDOLPH, JIMMY BRYAN, US
[72] ALEXANDER, SCOTT, US
[72] SAAR, MARTIN, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2021-05-28
[86] 2019-12-04 (PCT/US2019/064490)
[87] (WO2020/117946)
[30] US (62/775,089) 2018-12-04

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[51] **Int.Cl. C07C 209/00 (2006.01) C07C 209/04 (2006.01) C07C 209/28 (2006.01)**
[25] EN
[54] **DECARBOXYLASE INHIBITORS FOR TREATING PARKINSON'S DISEASE**
[54] **INHIBITEURS DE DECARBOXYLASE POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] DOUD, DEVIN FOREST REED, US
[72] BRIGGS, TIMOTHY, US
[72] TAYLOR, STEVEN, US
[72] BOGART, ELIJAH, US
[72] PROUDFOOT, JOHN, US
[72] GUNASEKERA, DINARA SHASHANKA, US
[72] PECK, SPENCER CORY, US
[72] SHE, ANGELA, US
[72] MCELROY, WILLIAM, US
[72] LANTER, BERNARD, US
[72] RUTLIN, MICHAEL, US
[71] SENDA BIOSCIENCES, INC., US
[85] 2021-05-28
[86] 2019-12-06 (PCT/US2019/064896)
[87] (WO2020/118163)
[30] US (62/776,459) 2018-12-06

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[13] A1
[51] **Int.Cl. C10G 31/08 (2006.01) C10G 27/12 (2006.01) C10G 32/02 (2006.01) C10G 33/04 (2006.01)**
[25] EN
[54] **USE OF PEROXYACIDS/HYDROGEN PEROXIDE FOR REMOVAL OF METAL COMPONENTS FROM PETROLEUM AND HYDROCARBON STREAMS FOR DOWNSTREAM APPLICATIONS**
[54] **UTILISATION DE PEROXYACIDES/PEROXYDE D'HYDROGENE AFIN D'ELIMINER DES CONSTITUANTS METALLIQUES DE CHARGES DE PETROLE ET D'HYDROCARBURES EN VUE D'APPLICATIONS AVAL**
[72] DAVIDSON, JILLIAN J., US
[72] LINDEMUTH, PAUL M., US
[72] RYTHER, ROBERT J., US
[72] LEEDLE, CHRISTIAN, US
[72] GARCIA, JUAN M., III, US
[71] ECOLAB USA INC., US
[85] 2021-05-28
[86] 2019-12-03 (PCT/US2019/064105)
[87] (WO2020/117724)
[30] US (62/774,625) 2018-12-03

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[51] **Int.Cl. G05D 7/00 (2006.01)**
[25] EN
[54] **IRRIGATION CONTROL SYSTEM THAT DETECTS CLOUD COVER FROM AN ARRAY OF PHOTOVOLTAIC CELLS AND METHODS FOR SAME**
[54] **SYSTEME DE COMMANDE D'IRRIGATION QUI DETECTE UNE COUVERTURE NUAGEUSE A PARTIR D'UN RESEAU DE CELLULES PHOTOVOLTAIQUES ET PROCEDES ASSOCIES**
[72] KERT, KAIDO, US
[71] HGCI, INC., US
[85] 2021-05-28
[86] 2019-12-11 (PCT/US2019/065645)
[87] (WO2020/123606)
[30] US (62/777,953) 2018-12-11

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[51] **Int.Cl. G06F 3/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF OPERATING MEDIA PLAYBACK SYSTEMS HAVING MULTIPLE VOICE ASSISTANT SERVICES**
[54] **SYSTEMES ET PROCEDES POUR FAIRE FONCTIONNER DES SYSTEMES DE LECTURE MULTIMEDIA AYANT DE MULTIPLES SERVICES D'ASSISTANT VOCAL**
[72] MYERS, RYAN RICHARD, US
[72] VEGA ZAYAS, LUIS R., US
[72] PARK, SANGAH, US
[71] SONOS, INC., US
[85] 2021-05-28
[86] 2019-12-06 (PCT/US2019/064907)
[87] (WO2020/118167)
[30] US (16/213,570) 2018-12-07

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[25] EN
[54] **QUATERNARY AMMONIUM SALTS AS INHIBITORS OF TRIMETHYLAMINE PRODUCTION**
[54] **SELS D'AMMONIUM QUATERNAIRE EN TANT QU'INHIBITEURS DE LA PRODUCTION DE TRIMETHYLAMINE**
[72] NUDEL, KATHLEEN, US
[72] LIU, JENNY, US
[72] BRIGGS, TIMOTHY, US
[72] GUNASEKERA, DINARA SHASHANKA, US
[72] MARTINEZ-DEL CAMPO, ANA, US
[72] BOGART, ELIJAH, US
[72] TAYLOR, STEVEN, US
[72] PROUDFOOT, JOHN, US
[72] ROSS, CHERI, US
[72] TEFFERA, YOHANNES, US
[72] YASUDA, KOJI, US
[72] DOUD, DEVIN FOREST REED, US
[72] BILLINGS, GABRIEL, US
[72] PECK, SPENCER CORY, US
[72] LAFRANCE, DANNY, US
[72] AJAYI, KEHINDE, US
[71] SENDA BIOSCIENCES, INC., US
[85] 2021-05-28
[86] 2019-12-06 (PCT/US2019/065045)
[87] (WO2020/118238)
[30] US (62/776,459) 2018-12-06

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[51] **Int.Cl. C07C 69/587 (2006.01) A23K 20/158 (2016.01) A23K 50/80 (2016.01) A23L 33/115 (2016.01) A23D 9/00 (2006.01) C11C 3/04 (2006.01) C11C 3/10 (2006.01)**
[25] EN
[54] **MODIFIED TRIGLYCERIDE INCLUDING OMEGA-3 FATTY ACID RESIDUE**
[54] **TRIGLYCERIDE MODIFIE COMPRENANT UN RESIDU D'ACIDE GRAS OMEGA-3**
[72] IASSONOVA, DILIARA, US
[72] LUO, XIAOLAN, US
[71] CARGILL, INCORPORATED, US
[85] 2021-05-28
[86] 2019-12-11 (PCT/US2019/065661)
[87] (WO2020/123614)
[30] US (62/779,244) 2018-12-13

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[13] A1
[51] **Int.Cl. H04B 10/00 (2013.01)**
[25] EN
[54] **ADJUSTABLE PAYLOAD FOR SMALL GEOSTATIONARY (GEO) COMMUNICATION SATELLITES**
[54] **CHARGE UTILE REGLABLE POUR PETITS SATELLITES DE COMMUNICATION GEOSTATIONNAIRES (GEO)**
[72] GEDMARK, JOHN, US
[72] JOSEPH, STEVEN, US
[72] MCLINKO, RYAN, US
[72] SALZ, BRAEDON, US
[72] YOUNIS, ALI, US
[72] KEEHR, EDWARD, US
[72] CLAUSING, KARL, US
[72] EBADI, SIAMAK, US
[71] ASTRANIS SPACE TECHNOLOGIES CORP., US
[85] 2021-05-28
[86] 2019-11-29 (PCT/US2019/063853)
[87] (WO2020/113163)
[30] US (62/772,961) 2018-11-29
[30] US (62/782,024) 2018-12-19

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[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 47/69 (2017.01) C12N 1/08 (2006.01)**
[25] EN
[54] **ACHROMOSOMAL DYNAMIC ACTIVE SYSTEMS**
[54] **SYSTEMES ACTIFS DYNAMIQUES ACHROMOSOMIQUES**
[72] FISHER, ADAM BARCLAY, US
[72] HOMAN, KIMBERLY A., US
[72] HUBBARD, TROY PATRICK, US
[72] KOLESKY, DAVID BARRY, US
[72] REEVES, ANALISE ZAUNBRECHER, US
[72] SPAULDING, CAITLIN NICOLE, US
[72] TAM, HOK HEI, US
[71] FLAGSHIP PIONEERING INNOVATIONS VI, LLC, US
[85] 2021-05-28
[86] 2019-12-10 (PCT/US2019/065562)
[87] (WO2020/123569)
[30] US (62/777,305) 2018-12-10

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[51] **Int.Cl. A61C 15/04 (2006.01) A61C 15/00 (2006.01)**
[25] EN
[54] **FLOSSING TOOL**
[54] **OUTIL FIL DENTAIRE**
[72] ANDERSEN, LEONHARDT, US
[72] MOROSKY, WILLIAM, US
[71] ANDERSEN, LEONHARDT, US
[71] MOROSKY, WILLIAM, US
[85] 2021-05-28
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[72] SERES, MICHAEL (DECEASED), US
[72] RAMIREZ-AYALA, DAVID, US
[72] WU, YUMENG, US
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[72] WHITSITT, JOHN, US
[72] NORRID, WILLIAM, US
[72] JASEK, SIDNEY, US
[72] GRAHAM, ROBERT M., US
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[72] PENDSE, BHUSHAN, US
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[72] GUY, BRADLEY NICHOLAS, US
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[72] KAHVEJIAN, AVAK, US
[72] DELAGRAVE, SIMON, US
[72] YOZWIAK, NATHAN LAWRENCE, US
[72] LEBO, KEVIN JAMES, US
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[72] APPLING, II, RICHARD E., US
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[54] **METHODES DE TRAITEMENT D'UN PATIENT ATTEINT DE LA MALADIE DE PARKINSON**
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[72] OLANOW, CHARLES WARREN, US
[71] SUNOVION PHARMACEUTICALS INC., US
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT ET DE PREVENTION DES INFECTIONS A HELICOBACTER PYLORI**
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[72] TSKHAY, ALBINA, US
[71] LOCUS IP COMPANY, LLC, US
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[54] **STRUCTURES DE COLLECTEUR DE CATHODE POUR PILE A COMBUSTIBLE A CARBONATE FONDU**
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[72] BARCKHOLTZ, TIMOTHY A., US
[72] ELSEN, HEATHER A., US
[72] KISS, GABOR, US
[72] HAN, LU, US
[72] SMITH, THOMAS M., US
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[72] GEARY, TIMOTHY C., US
[72] DAVIS, KEITH E., US
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[54] **DEFLECTEUR DE CHAMP D'ECOULEMENT POUR CATHODE DE PILE A COMBUSTIBLE A CARBONATE FONDU**
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[72] BARCKHOLTZ, TIMOTHY A., US
[72] ROSEN, JONATHAN, US
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[72] KLAUS, CHRISTINE, DE
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[71] ETS POLLET S.A., BE
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[54] **DISPOSITIFS POUR L'ADMINISTRATION TOPIQUE D'AGENTS ACTIFS A UN SITE CIBLE**
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[71] CANNABIDOSE MEDICAL LTD, IL
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[72] DAVIES, SHIREEN A, GB
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[54] **PARTICULES D'OXYDE DE CERIUM ET LEUR PROCEDE DE PREPARATION**
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[72] NISHIMURA, KAORU, JP
[72] SASAKI, TOSHIHIRO, JP
[72] OKAZUMI, MITSUHIRO, JP
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[54] **EMBOUT BUCCAL ET NEBULISEUR COMPRENANT UN EMBOUT BUCCAL**
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[72] GALLEM, THOMAS, DE
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[71] PARI PHARMA GMBH, DE
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[54] **PROCEDES DE TRAITEMENT DE CANCERS A SUREXPRESSION DE WHSC1 PAR INHIBITION DE SETD2**
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[72] COSMOPOULOS, KATHERINE LOUISE, US
[72] TOTMAN, JENNIFER ANNE, US
[71] EPIZYME, INC., US
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[54] **PROCEDE DE PREPARATION DE NOUILLES FRITES INSTANTANEES**
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[72] DREYER, MICHEL, IN
[72] MARAZZATO, MICHELE, CH
[72] FEDERICO, JOAN, UA
[72] BERTOLI, CONSTANTIN, CH
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[54] **PRODUIT DE LEVURE, ET COMPOSITION LE COMPRENANT, S'UTILISANT COMME AGENT PREBIOTIQUE**
[72] RODRIGUEZ, BERTRAND, FR
[71] LESAFFRE ET COMPAGNIE, FR
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[54] **ELECTRODE POUR UN PISTOLET A PLASMA**
[72] KITAMURA, JUNYA, JP
[72] MOLZ, RONALD J., US
[72] YAMANE, TOSHIYUKI, JP
[71] OERLIKON METCO (US) INC., US
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[54] **ETIQUETTE DE CHAUSSURE A DEUX ALARMES**
[72] PERREAU, BENOIT, US
[72] GALANTI, JOE, US
[72] BRODY, MICHAEL, US
[71] CHECKPOINT SYSTEMS, INC., US
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[54] **METHODES DE TRAITEMENT DE MALADIES LIEES AUX LIPIDES, Y COMPRIS LES XANTHOMAS, LES STENOSES DES ARTERES CAROTIDES ET L'ATHEROSCLEROSE CEREBRALE**
[72] BREWER, HOLLIS BRYAN, JR., US
[72] MATIN, MICHAEL M., US
[71] HDL THERAPEUTICS, INC, US
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[54] **ANTICORPS CONJUGUES A L'ACTINIUM 225 ET L'ACTINIUM 227, COMPOSITIONS ET PROCEDES ASSOCIES**
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[72] O'LOUGHLIN, STEVE, US
[72] PATEL, VIMAL, US
[72] RAY, NITYA, US
[72] SETH, SANDESH, US
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[54] **PRODUIT A BASE DE MATERIAU DE CHARGE TRAITE EN SURFACE ASSURANT UNE STABILITE AUX UV AMELIOREE POUR DES ARTICLES POLYMERES**
[72] WELKER, MATTHIAS, FR
[72] FORNERA, TAZIO, CH
[72] SCHULZ, KARSTEN UDO, CH
[72] RENTSCH, SAMUEL, CH
[71] OMYA INTERNATIONAL AG, CH
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[54] **FORMULATIONS, METHODES, KIT ET FORMES POSOLOGIQUES PERMETTANT UNE STABILITE AMELIOREE D'UN PRINCIPE ACTIF PHARMACEUTIQUE**
[72] AUDETT, JAY, US
[72] GOSWANI, TARUN, US
[72] SUCHDEVA, SAMEER, US
[72] THOMPSON, SCOTT K., US
[72] BANSAL, PADAM, US
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[71] ASANA BIOSCIENCES, LLC, US
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[87] (WO2020/113050)
[30] US (62/773,277) 2018-11-30
[30] US (62/840,726) 2019-04-30

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[13] A1
[51] **Int.Cl. C07C 17/38 (2006.01) C07C 17/389 (2006.01) C07C 19/16 (2006.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING HIGH-PURITY TRIFLUOROIODOMETHANE**
[54] **PROCEDES DE PRODUCTION DE TRIFLUOROIODOMETHANE DE HAUTE PURETE**
[72] JUNGONG, CHRISTIAN, US
[72] MERKEL, DANIEL C., US
[72] WANG, HAIYOU, US
[72] YANG, TERRIS, US
[72] BOLOMEY, PASCAL, US
[71] HONEYWELL INTERNATIONAL, INC., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2021-05-26
[86] 2019-12-03 (PCT/US2019/064143)
[87] (WO2020/117745)
[30] US (62/774,520) 2018-12-03
[30] US (16/683,924) 2019-11-14

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[51] **Int.Cl. A01N 63/20 (2020.01) A01H 6/46 (2018.01) C12Q 1/6888 (2018.01) C12Q 1/689 (2018.01) A01N 25/04 (2006.01) A01N 25/12 (2006.01) C12Q 1/04 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **METHYLOBACTERIUM COMPOSITIONS FOR IMPROVING CORN YIELD**
[54] **COMPOSITIONS A BASE DE METHYLBACTERIUM POUR AMELIORER LE RENDEMENT DU MAIS**
[72] BREAKFIELD, NATALIE, US
[72] MCFATRICH, CHARLES MICHAEL, US
[71] NEWLEAF SYMBIOTICS, INC., US
[85] 2021-05-26
[86] 2019-12-02 (PCT/US2019/064034)
[87] (WO2020/117690)
[30] US (62/774,640) 2018-12-03
[30] US (62/878,164) 2019-07-24

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[13] A1
[51] **Int.Cl. C01B 3/34 (2006.01) B01J 12/00 (2006.01) B01J 19/08 (2006.01) C09C 1/48 (2006.01)**
[25] EN
[54] **PROCESS AND PLASMA REACTOR FOR THE PRODUCTION OF SYNTHESIS GAS**
[54] **PROCEDE ET REACTEUR A PLASMA POUR LA PRODUCTION D'UN GAZ DE SYNTHESE**
[72] REIS DA COSTA LABANCA, AURELIO, BR
[72] GONCALVES CUNHA, ALFREDO, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[71] UNIVERSIDADE FEDERAL DO ESPIRITO SANTO - UFES, BR
[85] 2021-05-31
[86] 2019-11-29 (PCT/BR2019/050510)
[87] (WO2020/107090)
[30] BR (BR 10 2018 074753 3) 2018-11-29

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[51] **Int.Cl. G06N 10/00 (2019.01) G06N 20/00 (2019.01)**
[25] EN
[54] **ARTIFICIAL INTELLIGENCE-DRIVEN QUANTUM COMPUTING**
[54] **CALCUL QUANTIQUE COMMANDE PAR INTELLIGENCE ARTIFICIELLE**
[72] RONAGH, POOYA, CA
[72] MATSUURA, SHUNJI, CA
[72] MILLS, KYLE IAN, CA
[72] PESAH, ARTHUR CHALOM, CA
[71] 1QB INFORMATION TECHNOLOGIES INC., CA
[85] 2021-05-31
[86] 2019-12-05 (PCT/CA2019/051752)
[87] (WO2020/113339)
[30] US (62/776,183) 2018-12-06
[30] US (62/872,601) 2019-07-10

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[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTI-PD-L1/ANTI-4-1BB BISPECIFIC ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS BISPECIFIQUES ANTI-PD-L1/ANTI-4-1BB ET LEURS UTILISATIONS**
[72] PARK, EUNYOUNG, KR
[72] LEE, YANGSOON, KR
[72] CHUNG, HYEJIN, KR
[72] SUNG, EUNSIL, KR
[72] YOO, JISEON, KR
[72] PARK, MINJI, KR
[72] SON, YONG-GYU, KR
[72] CHOI, HYOJU, KR
[72] KIM, EUNJUNG, KR
[72] JUNG, JAEHO, KR
[72] YOU, WEON-KYOO, KR
[72] LEE, SANG HOON, KR
[72] FANG, LEI, CN
[72] JIANG, WENQING, CN
[71] ABL BIO INC., KR
[71] I-MAB BIOPHARMA CO., LTD., CN
[85] 2021-05-31
[86] 2019-02-15 (PCT/CN2019/075180)
[87] (WO2020/107715)
[30] US (62/773,239) 2018-11-30

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[13] A1
[51] **Int.Cl. H04N 19/159 (2014.01)**
[25] EN
[54] **MAPPING METHOD, ENCODER, DECODER, AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE DE MAPPAGE, CODEUR, DECODEUR ET SUPPORT DE STOCKAGE INFORMATIQUE**
[72] HUO, JUNYAN, CN
[72] MA, YANZHUO, CN
[72] WAN, SHUAI, CN
[72] YANG, FUZHENG, CN
[72] LI, XINWEI, CN
[72] WANG, HAIXIN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2021-05-31
[86] 2019-06-25 (PCT/CN2019/092701)
[87] (WO2020/258013)

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[13] A1
[51] **Int.Cl. B65G 47/92 (2006.01) B25J 15/06 (2006.01)**
[25] EN
[54] **MAGNETICALLY CONTROLLED SMART SORTING DEVICE FOR CONTAINER LOCKPINS, AND CONTROL METHOD THEREFOR**
[54] **DISPOSITIF DE TRI INTELLIGENT A COMMANDE MAGNETIQUE POUR GOUPILLES DE VERROUILLAGE DE RECIPIENT ET PROCEDE DE COMMANDE ASSOCIE**
[72] WU, CHENGJI, CN
[72] FANG, HONGXING, CN
[72] LV, KAI, CN
[72] CHENG, KENG, CN
[72] WANG, YONG, CN
[71] SHANGHAI CHENGYE INTELLIGENT TECHNOLOGY CO., LTD., CN
[85] 2021-05-31
[86] 2019-07-26 (PCT/CN2019/097825)
[87] (WO2020/107914)
[30] CN (201811460681.4) 2018-12-01

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[51] **Int.Cl. C07K 16/30 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **CD3 ANTIBODY AND PHARMACEUTICAL USE THEREOF**
[54] **ANTICORPS CD3 ET SON UTILISATION PHARMACEUTIQUE**
[72] YING, HUA, CN
[72] ZHANG, LING, CN
[72] YANG, XIAOYING, CN
[72] GE, HU, CN
[72] TAO, WEIKANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
[85] 2021-05-31
[86] 2019-12-06 (PCT/CN2019/123548)
[87] (WO2020/114478)
[30] CN (201811491781.3) 2018-12-07

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[51] **Int.Cl. C12N 1/14 (2006.01) C12N 9/38 (2006.01) C12P 19/00 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **ASPERGILLUS ORYZAE BLCY-006 STRAIN AND APPLICATION THEREOF IN PREPARATION OF GALACTOOLIGOSACCHARIDES**
[54] **SOUCHE D'ASPERGILLUS ORYZAE BLCY-006 ET SON APPLICATION DANS LA PREPARATION DE GALACTO-OLIGOSACCHARIDE**
[72] GAN, ZHAOBO, CN
[72] LI, FANGHUA, CN
[72] DOU, GUANGPENG, CN
[72] SHAO, XIANBAO, CN
[72] ZHANG, MINGZHAN, CN
[72] DU, QIAN, CN
[72] YANG, TENGTENG, CN
[71] SHANDONG BAILONG CHUANGYUAN BIO-TECH CO., LTD, CN
[85] 2021-05-31
[86] 2020-02-18 (PCT/CN2020/075704)
[87] (WO2020/135893)
[30] CN (201811596603.7) 2018-12-26

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[13] A1
[51] **Int.Cl. B60R 16/027 (2006.01) B60D 1/62 (2006.01)**
[25] EN
[54] **ADAPTER FOR SELECTING LAMP FUNCTION IN A TRUCK TRAILER**
[54] **ADAPTATEUR POUR SELECTIONNER UNE FONCTION DE LAMPE DANS UNE REMORQUE DE CAMION**
[72] PAMPATTIWAR, SANKALP, US
[72] KUBAL, YOGESH, US
[72] TANG, SHENGJIE, US
[72] PEREZ-BOLIVAR, CESAR, US
[71] GROTE INDUSTRIES, INC., US
[85] 2021-05-28
[86] 2019-11-22 (PCT/US2019/062752)
[87] (WO2020/112528)
[30] US (62/772,840) 2018-11-29

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[13] A1
[51] **Int.Cl. B60R 16/03 (2006.01) B60Q 1/00 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **SMART CABLE SYSTEM FOR A TRUCK TRAILER**
[54] **SYSTEME DE CABLE INTELLIGENT POUR REMORQUE DE CAMION**
[72] PAMPATTIWAR, SANKALP, US
[72] KUBAL, YOGESH, US
[72] PEREZ-BOLIVAR, CESAR, US
[72] SLADE, ADAM, US
[71] GROTE INDUSTRIES, INC., US
[85] 2021-05-28
[86] 2019-11-22 (PCT/US2019/062758)
[87] (WO2020/112530)
[30] US (62/772,825) 2018-11-29
[30] US (62/772,833) 2018-11-29

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[13] A1
[51] **Int.Cl. B65D 71/58 (2006.01)**
[25] EN
[54] **ARTICLE CARRIER AND BLANK THEREFOR**
[54] **SUPPORT D'ARTICLE ET EBAUCHE ASSOCIEE**
[72] BLEHM, ELINA, DE
[72] HAYTER, GREGORY P., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2021-05-28
[86] 2019-11-25 (PCT/US2019/062932)
[87] (WO2020/112597)
[30] US (62/773,269) 2018-11-30

[21] **3,121,570**
[13] A1
[51] **Int.Cl. A24F 40/10 (2020.01) A24F 40/65 (2020.01)**
[25] EN
[54] **VAPORIZATION DEVICE HAVING REMOTELY CONTROLLABLE OPERATIONAL MODES**
[54] **DISPOSITIF DE VAPORISATION AYANT DES MODES DE FONCTIONNEMENT POUVANT ETRE COMMANDES A DISTANCE**
[72] GREENBAUM, SEAN, US
[71] GLAS, INC., US
[85] 2021-05-31
[86] 2019-11-14 (PCT/US2019/061356)
[87] (WO2020/167353)
[30] US (16/276,261) 2019-02-14

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[13] A1
[51] **Int.Cl. F16J 15/34 (2006.01)**
[25] EN
[54] **PLATE BETWEEN RING ASSEMBLIES OF A RING SEAL SYSTEM**
[54] **PLAQUE ENTRE DES ENSEMBLES ANNULAIRES D'UN SYSTEME DE JOINT ANNULAIRE**
[72] JONES, BENJAMIN, US
[72] HAKES, DAVID, US
[72] PITMAN, JACOB, US
[72] ELLMANN, THOMAS, US
[71] CATERPILLAR INC., US
[85] 2021-05-31
[86] 2019-11-18 (PCT/US2019/061919)
[87] (WO2020/131268)
[30] US (16/222,502) 2018-12-17

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[13] A1
[51] **Int.Cl. G16H 30/40 (2018.01) G06F 16/50 (2019.01)**
[25] EN
[54] **DATA MINING OF DENTAL IMAGES**
[54] **EXPLORATION DE DONNEES D'IMAGES DENTAIRES**
[72] RICCI, RICHARD, US
[71] RICCI, RICHARD, US
[85] 2021-05-31
[86] 2019-11-22 (PCT/US2019/062767)
[87] (WO2020/112532)
[30] US (10/460,839) 2018-11-29

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/08 (2006.01) A61K 9/19 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING ANTI-191P4D12 ANTIBODY DRUG CONJUGATES AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPORTANT DES CONJUGUES ANTICORPS ANTI-191P4D12 - MEDICAMENT ET METHODES D'UTILISATION DE CELLES-CI**
[72] MCGARVEY, ORLA, CH
[72] RATNASWAMY, GAYATHRI, US
[72] SUN, YINGQING, US
[72] VAN SCHRAVENDIJK, MARIE ROSE, US
[71] AGENSYS, INC., US
[71] SEAGEN INC., US
[85] 2021-05-31
[86] 2019-10-15 (PCT/US2019/056214)
[87] (WO2020/117373)
[30] US (62/774,819) 2018-12-03

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[13] A1
[51] **Int.Cl. C08G 59/40 (2006.01) C08G 59/68 (2006.01) C09D 5/03 (2006.01) C09D 163/00 (2006.01)**
[25] EN
[54] **FUSION BONDED EPOXY AMINE REBAR POWDER COATINGS**
[54] **REVETEMENTS EN POUDRE DE BARRE D'ARMATURE EN EPOXY-AMINE COLLES PAR FUSION**
[72] LEE, WEIH Q., US
[71] SWIMC LLC, US
[85] 2021-05-31
[86] 2019-11-26 (PCT/US2019/063145)
[87] (WO2020/123139)
[30] US (62/779,767) 2018-12-14

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[13] A1
[51] **Int.Cl. B07C 5/36 (2006.01) B07C 5/00 (2006.01) B07C 5/34 (2006.01) B07C 5/38 (2006.01)**
[25] EN
[54] **ASSURED IDENTITY SEEDER**
[54] **SEMOIR A IDENTITE ASSUREE**
[72] BAILEY, MICHAEL, US
[72] BROWN, WAYNE, US
[72] FISCHER, WILLIAM M., US
[72] HART, BRADLEY D., US
[72] KACHAR, ARMEN, US
[72] MOTAPARTI, KRISHNA, US
[72] SMITH, KYLE B., US
[72] SUBRAMANIAM, SUDHAGAR, US
[72] TELLOR, RYAN K., US
[72] WEIS, MATTHEW J., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2021-05-31
[86] 2019-11-27 (PCT/US2019/063608)
[87] (WO2020/117589)
[30] US (62/774,484) 2018-12-03

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[13] A1
[51] **Int.Cl. A61B 5/361 (2021.01) A61B 34/20 (2016.01) A61B 5/287 (2021.01) A61B 5/06 (2006.01) A61B 18/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR WAVELENGTH MAPPING CARDIAC FIBRILLATION AND OPTIMIZING ABLATION LESION PLACEMENT**
[54] **PROCEDES ET SYSTEMES DE CARTOGRAPHIE DE LONGUEUR D'ONDE DE FIBRILLATION CARDIAQUE ET D'OPTIMISATION DE PLACEMENT DE LESION D'ABLATION**
[72] SPECTOR, PETER S., US
[71] UNIVERSITY OF VERMONT, US
[85] 2021-05-31
[86] 2019-11-27 (PCT/US2019/063802)
[87] (WO2020/113137)
[30] US (62/773,713) 2018-11-30

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[13] A1
[51] **Int.Cl. C07C 49/84 (2006.01) C08F 2/50 (2006.01) C09D 4/00 (2006.01)**
[25] EN
[54] **BENZOPHENONE DERIVATIVES USED AS PHOTOINITOATORS IN COATING COMPOSITIONS**
[54] **DERIVES DE BENZOPHENONE UTILISES COMME PHOTOINITIATEURS DANS DES COMPOSITIONS DE REVETEMENT**
[72] BELOWICH, MATTHEW E., US
[72] MAURICE, ALVIN M., US
[72] STRACKE, JORDAN, US
[72] WESTMEYER, MARK D., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HASS COMPANY, US
[85] 2021-05-31
[86] 2019-12-02 (PCT/US2019/063912)
[87] (WO2020/131338)
[30] US (62/780,496) 2018-12-17

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[13] A1
[51] **Int.Cl. C08G 65/26 (2006.01) C09D 11/101 (2014.01) C07C 45/64 (2006.01) C11D 1/72 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING A BENZOPHENONE DERIVATIVE**
[54] **PROCEDE DE PREPARATION D'UN DERIVE BENZOPHENONE**
[72] BELOWICH, MATTHEW E., US
[72] MAURICE, ALVIN M., US
[72] WESTMEYER, MARK D., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2021-05-31
[86] 2019-12-02 (PCT/US2019/063914)
[87] (WO2020/131339)
[30] US (62/780,503) 2018-12-17

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[13] A1
[51] **Int.Cl. A01N 25/10 (2006.01) A01N 25/34 (2006.01) A01N 31/08 (2006.01)**
[25] EN
[54] **HUMIDITY ACTIVATED COMPOSITIONS FOR RELEASE OF ANTIMICROBIALS**
[54] **COMPOSITIONS ACTIVEES PAR L'HUMIDITE POUR LA LIBERATION D'AGENTS ANTIMICROBIENS**
[72] PRESLAR, ADAM TRUETT, GB
[72] MOUAT, AIDAN R., US
[71] HAZEL TECHNOLOGIES, INC., US
[85] 2021-05-31
[86] 2019-12-06 (PCT/US2019/065049)
[87] (WO2020/118240)
[30] US (62/777,069) 2018-12-07
[30] US (62/827,484) 2019-04-01
[30] US (62/863,857) 2019-06-19

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **HUMANIZED AND AFFINITY-MATURED ANTI-CEACAM1 ANTIBODIES**
[54] **ANTICORPS ANTI-CEACAM1 HUMANISES ET MURIS PAR AFFINITE**
[72] BLUMBERG, RICHARD S., US
[72] HUANG, YU-HWA, US
[72] GANDHI, AMIT, US
[72] BERTAGNOLLI, MONICA, US
[72] YOON, CHARLES, US
[72] HOLGATE, ROBERT GEORGE EDWARD, GB
[72] HEARN, ARRON ROBERT, GB
[72] JONES, SUSAN DANA, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2021-05-31
[86] 2019-12-09 (PCT/US2019/065212)
[87] (WO2020/118295)
[30] US (62/776,877) 2018-12-07

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[13] A1
[51] **Int.Cl. A24F 40/465 (2020.01) H02M 7/5387 (2007.01) H05B 6/04 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **CIRCUITRY FOR AN INDUCTION ELEMENT FOR AN AEROSOL GENERATING DEVICE**
[54] **ENSEMBLE DE CIRCUITS POUR UN ELEMENT D'INDUCTION POUR UN DISPOSITIF DE GENERATION D'AEROSOL**
[72] WHITE, JULIAN, GB
[72] HORROD, MARTIN, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2021-05-31
[86] 2018-12-20 (PCT/EP2018/086138)
[87] (WO2019/122094)
[30] GB (1721610.2) 2017-12-21

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[13] A1
[51] **Int.Cl. C09J 183/06 (2006.01) C08K 3/013 (2018.01) C08K 3/34 (2006.01) C09J 11/00 (2006.01)**
[25] EN
[54] **HIGH STRENGTH, SILANE-MODIFIED POLYMER ADHESIVE COMPOSITION**
[54] **COMPOSITION ADHESIVE POLYMERE MODIFIEE PAR SILANE ET A HAUTE RESISTANCE**
[72] VEROSKY, CHRISTOPHER, US
[72] KOHL, MATTHIAS, DE
[71] HENKEL IP & HOLDING GMBH, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2021-05-31
[86] 2019-12-10 (PCT/US2019/065390)
[87] (WO2020/123454)
[30] US (62/779,083) 2018-12-13

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[13] A1
[51] **Int.Cl. A24F 40/465 (2020.01) H02M 7/5387 (2007.01) H05B 6/04 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **CIRCUITRY FOR A PLURALITY OF INDUCTION ELEMENTS FOR AN AEROSOL GENERATING DEVICE**
[54] **CIRCUIT POUR UNE PLURALITE D'ELEMENTS D'INDUCTION POUR UN DISPOSITIF DE GENERATION D'AEROSOL**
[72] WHITE, JULIAN, GB
[72] HORROD, MARTIN, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2021-05-31
[86] 2018-12-20 (PCT/EP2018/086145)
[87] (WO2019/122097)
[30] GB (1721612.8) 2017-12-21

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) G06F 11/00 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND MEDIA FOR DETECTING ALTERATION OF A WEB PAGE**
[54] **PROCEDES, SYSTEMES, ET SUPPORTS POUR DETECTER UNE MODIFICATION D'UNE PAGE WEB**
[72] PHAM, THIEN VAN, US
[71] SYNERGEX GROUP, US
[71] TAYLOR, WAYNE, US
[71] PHAM HOLDINGS INC., US
[85] 2021-05-31
[86] 2019-12-11 (PCT/US2019/065747)
[87] (WO2020/123667)
[30] US (16/220,584) 2018-12-14

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[13] A1
[51] **Int.Cl. B01D 53/22 (2006.01) C01B 32/40 (2017.01) B01D 53/32 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **METHOD FOR CHANGING THE OPERATING MODE OF AN ELECTROLYSIS SYSTEM, AND ELECTROLYSIS SYSTEM**
[54] **PROCEDE DE CHANGEMENT DU MODE DE FONCTIONNEMENT D'UNE INSTALLATION D'ELECTROLYSE AINSI QU'INSTALLATION D'ELECTROLYSE**
[72] CICHY, THOMAS, DE
[72] PESCHEL, ANDREAS, DE
[72] HENTSCHEL, BENJAMIN, DE
[71] LINDE GMBH, DE
[85] 2021-05-31
[86] 2019-11-05 (PCT/EP2019/025378)
[87] (WO2020/104053)
[30] DE (10 2018 009 198.9) 2018-11-22

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[13] A1
[51] **Int.Cl. C07K 14/505 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **ERYTHROPOIETIN ANALOGS FOR VETERINARY USE**
[54] **ANALOGUES DE L'ERYTHROPOIETINE A USAGE VETERINAIRE**
[72] ZHAN, HANGJUN, US
[72] NGUYEN, LAM, US
[72] CHU, QINGYI, US
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[54] **SYSTEME DE TRANSPORT LOGEANT UN BEBE OU UN ENFANT EN BAS AGE**
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[71] SCHACHTNER VERMOGENSVERWALTUNGS GMBH & CO. KG, DE
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[54] **MATERIAU DE RESEAU ORGANOMETALLIQUE EXTRUDE ET SES PROCEDES DE PRODUCTION**
[72] MAJANO, GERARDO J., US
[72] FALKOWSKI, JOSEPH M., US
[72] WEIGEL, SCOTT J., US
[72] KAPELEWSKI, MATTHEW T., US
[72] KORTUNOV, PAVEL, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **PRODUIT ALIMENTAIRE OU DE BOISSON A PROTEINE DE POIS AGGLOMEREE**
[72] SCHMITT, CHRISTOPHE JOSEPH ETIENNE, CH
[72] AMAGLIANI, LUCA, CH
[72] VAN DE LANGERIJT, TESSA MARIANNE, NL
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] **DISPOSITIF DE VOIE RESPIRATOIRE MANDIBULAIRE BUCCAL ET PROCEDE**
[72] BORVAN, DANIEL W., US
[71] BORVAN, DANIEL W., US
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[54] **PROCESS FOR MANUFACTURING FULLY RECYCLABLE MINING SCREENS**
[54] **PROCEDE DE FABRICATION DE TAMIS D'EXPLOITATION MINIERE ENTIEREMENT RECYCLABLES**
[72] LORENZO, MICHAEL, US
[72] RODRIGUES, JEAN PAUL, FR
[71] COVESTRO LLC, US
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[54] **TRACKING A COLLECTIVE OF OBJECTS**
[54] **SUIVI D'UN COLLECTIF D'OBJETS**
[72] DEMMER, JOHANNES, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[54] **SIDE LATCH EXIT DEVICE**
[54] **DISPOSITIF DE SORTIE DE VERROU LATERAL**
[72] COTE, LARRY, US
[72] SCHAEFFER, TIMOTHY, US
[71] SARGENT MANUFACTURING COMPANY, US
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[54] **PUMPING DEVICE, PLANT AND METHOD FOR SUPPLYING LIQUID HYDROGEN**
[54] **DISPOSITIF DE POMPAGE, INSTALLATION ET PROCEDE DE FOURNITURE D'HYDROGENE LIQUIDE**
[72] CRISPEL, SIMON, FR
[72] THIEU, ANH THAO, FR
[72] COLEIRO, GAETAN, FR
[72] DURAND, FABIEN, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **METHOD FOR CONNECTING A COMPUTER APPLICATION TO A SECURE COMPUTER RESOURCE**
[54] **PROCEDE DE CONNEXION D'UNE APPLICATION INFORMATIQUE A UNE RESSOURCE INFORMATIQUE SECURISEE**
[72] ADDA, SERGE, FR
[71] WALLIX, FR
[85] 2021-05-31
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[54] **BITUMINOUS COMPOSITION SOLID AT AMBIENT TEMPERATURE**
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[72] VINCENT, REGIS, FR
[71] TOTAL MARKETING SERVICES, FR
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[54] **PROCESS AND APPARATUS FOR DIRECT REDUCTION WITH ELECTRICALLY HEATED-UP REDUCTION GAS**
[54] **PROCEDE ET DISPOSITIF DE REDUCTION DIRECTE PAR UN GAZ REDUCTEUR CHAUFFE PAR VOIE ELECTRIQUE**
[72] HAUZENBERGER, FRANZ, AT
[72] MILLNER, ROBERT, AT
[72] REIN, NORBERT, AT
[72] ROSENFELLNER, GERALD, AT
[72] OFNER, HANSPETER, AT
[72] WURM, JOHANN, AT
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[54] **PROCEDE DE DEPOT D'UN CATALYSEUR A LA SURFACE D'UN BRULEUR A COMBUSTION CATALYTIQUE**
[72] GERARD, CORINNE, FR
[72] OZOUF, LAURENT, FR
[71] PRODUITS BERGER, FR
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[54] **BOUCHON INTELLIGENT**
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[71] KLIEN, DELOREAN, CA
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[54] **FERRURE D'ABATTANT POUR UN MEUBLE**
[72] NORDIEKER, MARTIN, DE
[72] POISCHBEG, JENS, DE
[72] TOFALL, RALF, DE
[71] HETTICH-ONI GMBH & CO. KG, DE
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[54] **RESEAUX D'AIMANTS ASYMETRIQUES LEGERS AVEC ANNEAUX MAGNETIQUES A PHASE MIXTE**
[72] HAHAM HAY, NOAM, IL
[71] EPSITAU LTD., IL
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[54] **PROCESS FOR PRODUCING NANO PRECIPITATED CALCIUM CARBONATE**
[54] **PROCEDE DE PRODUCTION DE NANO-CARBONATE DE CALCIUM PRECIPITE**
[72] PEDROSO, LUIS, PT
[72] SPIEGEL, HOLGER, AT
[72] SKRZYPCZAK, MATHIEU, US
[71] OMYA INTERNATIONAL AG, CH
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[86] 2020-02-14 (PCT/EP2020/053983)
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[54] **MODULATION OF NADPH GENERATION BY RECOMBINANT YEAST HOST CELL DURING FERMENTATION**
[54] **MODULATION DE LA PRODUCTION DE NAPDH PAR UNE CELLULE HOTE DE LEVURE RECOMBINEE PENDANT LA FERMENTATION**
[72] SKINNER, RYAN, US
[72] ARGYROS, AARON, US
[72] SIMARD, ADAM, US
[72] BARRETT, TRISHA, US
[71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU
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[54] **HOT ROLLED AND STEEL AND A METHOD OF MANUFACTURING THEREOF**
[54] **ACIER LAMINE A CHAUD ET SON PROCEDE DE FABRICATION**
[72] DUPREZ, LODE, BE
[72] WATERSCHOOT, TOM, BE
[72] VAN STEENBERGE, NELE, BE
[72] MOLI SANCHEZ, LAURA, BE
[71] ARCELORMITTAL, LU
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[54] **METHOD FOR CONTROLLING WEED**
[54] **PROCEDE DE LUTTE CONTRE LES MAUVAISES HERBE**
[72] SADA, YOSHINAO, JP
[72] JIN, YOSHINOBU, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2021-05-31
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[54] **CUTTER HEAD ARRANGEMENT**
[54] **AGENCEMENT DE PORTE-LAMES**
[72] GOODWIN, NICOLAAS BODENSTEIN, ZA
[72] JORDAAN, BAREND JACOBUS, ZA
[71] MASTER SINKERS (PTY) LTD, ZA
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[54] **PROCEDE D'AMELIORATION DU TAUX DE CROISSANCE ET DE SURVIE DE MICROORGANISMES**
[72] BOA, TYLER, CA
[72] WHITING, MIKE, CA
[71] DANSTAR FERMENT AG, CH
[85] 2021-05-31
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[54] **PROCEDE DE LUTTE CONTRE LES MAUVAISES HERBES**
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[72] JIN, YOSHINOBU, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **DUAL ABSOLUTE ENCODER**
[54] **ENCODEUR ABSOLU DOUBLE**
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[72] KATOH, YUKI, JP
[71] HARMONIC DRIVE SYSTEMS INC., CN
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[54] **LENTILLE DE DIFFUSION DE LUMIERE POUR LE TRAITEMENT DE LA MYOPIE ET LUNETTES LES CONTENANT**
[72] CHALBERG, JR., THOMAS W., US
[72] HONES, PETER, US
[71] SIGHTGLASS VISION, INC., US
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[54] **RECONSTRUCTING A PERSONAL AREA NETWORK OR SYSTEM AFTER A FAILURE IN THE NETWORK OR SYSTEM**
[54] **RECONSTRUCTION D'UN RESEAU OU D'UN SYSTEME PERSONNEL APRES UNE DEFAILLANCE DANS LE RESEAU OU LE SYSTEME**
[72] HANLEY, JAMES PATRICK, US
[72] CHASKO, STEPHEN JOHN, US
[71] LANDIS+GYR INNOVATIONS, INC., US
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[54] **PREPARATION COMPRENANT UN ADJUVANT VACCINAL**
[72] ONITA, MAIKO, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
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[25] EN
[54] **COLLECTING DEVICE FOR RINSING MEDIA OF AN ATOMIZER**
[54] **DISPOSITIF DE COLLECTE POUR DES MILIEUX DE RINCAGE D'UN PULVERISATEUR**
[72] SCHLICHENMAIER, SANDRA, DE
[72] BUCK, THOMAS, DE
[71] DURR SYSTEMS AG, DE
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[86] 2019-12-02 (PCT/EP2019/083282)
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[25] EN
[54] **COMBINATION TAXOID NANOEMULSION WITH IMMUNOTHERAPY IN CANCER**
[54] **NANOEMULSION TAXOIDE COMBINEE A L'IMMUNOTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] EGAN, JAMES E., US
[72] AMIJI, MANSOOR, US
[72] OJIMA, IWAO, US
[71] TARGAGENIX, INC., US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[71] NORTHEASTERN UNIVERSITY, US
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[54] **ARTICLES ABSORBANTS COMPORTANT UN C□UR ABSORBANT CONFIGURE POUR DEFINIR UNE ZONE DE CONFINEMENT**
[72] CHMIELEWSKI, HARRY, US
[72] SCHROER, CHARLES F., US
[71] ATTENDS HEALTHCARE PRODUCTS, INC., US
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[25] EN
[54] **MEDICAL BASE MATERIAL FOR INDWELLING CARDIOVASCULAR DEVICE**
[54] **MATERIAU DE BASE MEDICAL POUR DISPOSITIF CARDIOVASCULAIRE A DEMEURE**
[72] KAKIYAMA, SO, JP
[72] YAMADA, SATOSHI, JP
[72] TANAKA, NOBUAKI, JP
[72] TANAHASHI, KAZUHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2021-05-31
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[54] **ABSORBENT ARTICLES HAVING ABSORBENT LEG CUFFS**
[54] **ARTICLES ABSORBANTS COMPRENANT DES REVERS ABSORBANT**
[72] SCHROER JR., CHARLES F., US
[72] CHMIELEWSKI, HARRY, US
[71] ATTENDS HEALTHCARE PRODUCTS, INC., US
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[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF LIVER DISORDERS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE TROUBLES HEPATIQUES**
[72] LIAN, BRIAN, US
[72] MASAMUNE, HIROKO, US
[71] VIKING THERAPEUTICS, INC., US
[85] 2021-05-31
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[54] **MODIFIED AMINE LIPIDS**
[54] **LIPIDES AMINES MODIFIES**
[72] SCULLY, STEPHEN S., US
[72] MAETANI, MICAH, US
[72] MAJZOUB, RAMSEY, US
[71] INTELLIA THERAPEUTICS, INC., US
[85] 2021-05-31
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[25] EN
[54] **COMPOSITIONS FOR STABILIZING BACTERIA AND USES THEREOF**
[54] **COMPOSITIONS POUR STABILISER DES BACTERIES ET LEURS UTILISATIONS**
[72] EVANS, ROBERT K., US
[72] PHILBROOK, CARL MICHAEL, US
[72] SCHUSTER, BRIAN MICHAEL, US
[72] MARSHALL, LISA, US
[71] SERES THERAPEUTICS, INC., US
[85] 2021-05-31
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[54] **ENHANCED DEVICE UPDATING**
[54] **MISE A JOUR AMELIOREE DE DISPOSITIF**
[72] YANG, SIYING, US
[71] FORESCOUT TECHNOLOGIES, INC., US
[85] 2020-08-05
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[54] **METHODS FOR TREATING OR PREVENTING GOUT OR HYPERURICEMIA**
[54] **METHODES DE TRAITEMENT OU DE PREVENTION DE LA GOUTTE OU DE L'HYPERURICEMIE**
[72] YAN, SHUNQI, US
[72] YEH, LITAIN, US
[72] YAN, RONGZI, US
[71] ARTHROSI THERAPEUTICS, INC., US
[85] 2021-05-31
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[54] **MODELING TO ASSIST HIGH-LEVEL UV-C DISINFECTION**
[54] **MODELISATION POUR AIDER A LA DESINFECTION PAR UV-C A HAUT NIVEAU**
[72] DESHAYS, RENE, FR
[72] DESHAYS, CLEMENT, FR
[72] NEVEU, CEDRIC, FR
[72] SMITH, ADRIAN EDWARD, US
[72] LEPINE, FREDERIC, FR
[71] GERMITEC, FR
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[54] **GUIDEWIRE WITH CORE CENTERING MECHANISM**
[54] **FIL-GUIDE A MECANISME DE CENTRAGE D'AME**
[72] DAVIS, CLARK C., US
[72] SNYDER, EDWARD J., US
[72] TURNLUND, TODD H., US
[71] SCIENTIA VASCULAR, LLC, US
[85] 2021-05-31
[86] 2020-01-15 (PCT/US2020/013754)
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[54] **SCANNING MODE APPLICATION OF NEUTRON GAMMA ANALYSIS FOR SOIL CARBON MAPPING**
[54] **APPLICATION DE MODE DE BALAYAGE D'ANALYSE GAMMA PAR NEUTRONS POUR LA CARTOGRAPHIE DU CARBONE DU SOL**
[72] CHIN, BRYAN A., US
[72] TORBERT, III, HENRY ALLEN, US
[72] YAKUBOVA, GALINA N., US
[72] KAVETSKIY, ALEKSANDR, US
[72] SARGSYAN, NIKOLAY, US
[71] AUBURN UNIVERSITY, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[85] 2021-05-31
[86] 2019-12-06 (PCT/US2019/064950)
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[25] EN
[54] **BITUMINOUS COMPOSITION SOLID AT AMBIENT TEMPERATURE**
[54] **COMPOSITION BITUMINEUSE SOLIDE A TEMPERATURE AMBIANTE**
[72] VINCENT, REGIS, FR
[71] TOTAL MARKETING SERVICES, FR
[85] 2021-05-31
[86] 2019-12-06 (PCT/EP2019/083969)
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[54] **METHOD FOR REGENERATING WASTE ORGANIC ZINC CATALYST THROUGH SURFACE MODIFICATION**
[54] **PROCEDE DE REGENERATION D'UN CATALYSEUR D'ORGANOZINC USAGE PAR MODIFICATION DE SURFACE**
[72] KIM, SUNG KYOUNG, KR
[71] LG CHEM, LTD., KR
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[86] 2019-12-20 (PCT/KR2019/018250)
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[54] **MODULAR APPLIANCE APPARATUS CONFIGURED FOR MULTIPLE ATTACHMENTS**
[54] **APPAREIL D'APPAREIL MODULAIRE CONFIGURE POUR DE MULTIPLES ACCESSOIRES**
[72] ATINAJA, BRIAN, US
[71] COLUMBIA INSURANCE COMPANY, US
[85] 2021-05-31
[86] 2019-12-06 (PCT/US2019/065018)
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[54] **SUBSTITUTED HETEROCYCLE FUSED GAMMA-CARBOLINES SYNTHESIS**
[54] **SYNTHESE DE GAMMA-CARBOLINES FUSIONNEES A HETEROCYCLES SUBSTITUES**
[72] LI, PENG, US
[71] INTRA-CELLULAR THERAPIES, INC., US
[85] 2021-05-31
[86] 2019-12-17 (PCT/US2019/066889)
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[54] **APPARATUS AND METHOD FOR COLLECTING MARINE DEBRIS**
[54] **APPAREIL ET PROCEDE PERMETTANT DE COLLECTER DES DEBRIS MARINS**
[72] SVORCAN, RADE, CA
[71] TECHNIKA ENGINEERING LTD., CA
[85] 2021-06-01
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[54] **ACTIVATION SYSTEM FOR WEARABLE AIRBAG**
[54] **SYSTEME D'ACTIVATION POUR COUSSIN GONFLABLE DE SECURITE POUVANT ETRE PORTE**
[72] WENDELRUP, HEINO, SE
[71] HOVDING SVERIGE AB, SE
[85] 2021-05-31
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[51] **Int.Cl. A61F 5/56 (2006.01) A61C 7/00 (2006.01) A61C 19/06 (2006.01) A61K 9/00 (2006.01) A63B 23/03 (2006.01)**
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[54] **ADHESIVE PAD**
[54] **TAMPON ADHESIF**
[72] EL-DEEB, IBRAHIM MUSTAFA, AU
[72] FARAGALLAH, SHEHAB, AU
[71] MYOSPOTS AUSTRALIA PTY LTD, AU
[85] 2021-06-01
[86] 2019-12-10 (PCT/AU2019/051352)
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[25] EN
[54] **ORGANIC COMPOUND**
[54] **COMPOSE ORGANIQUE**
[72] LI, PENG, US
[72] ZHANG, QIANG, US
[72] DAVIS, ROBERT, US
[71] INTRA-CELLULAR THERAPIES, INC., US
[85] 2021-05-31
[86] 2019-12-17 (PCT/US2019/066894)
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[30] US (62/780,804) 2018-12-17

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[54] **ORGANIC COMPOUNDS**
[54] **COMPOSES ORGANIQUES**
[72] VANOVER, KIMBERLY, US
[72] LI, PENG, US
[72] DAVIS, ROBERT, US
[72] QIAO, YUPU, US
[71] INTRA-CELLULAR THERAPIES, INC., US
[85] 2021-05-31
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[87] (WO2020/131918)
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[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING EVENTS IN A CONDUIT**
[54] **PROCEDE ET SYSTEME POUR DETECTER DES EVENEMENTS DANS UN CONDUIT**
[72] DANKERS, ARNE, CA
[72] JALILIAN, SEYED EHSAN, CA
[71] HIFI ENGINEERING INC., CA
[85] 2021-06-01
[86] 2019-12-02 (PCT/CA2019/051729)
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[54] **METHOD AND SYSTEM FOR DETECTING EVENTS IN A CONDUIT**
[54] **PROCEDE ET SYSTEME POUR DETECTER DES EVENEMENTS DANS UN CONDUIT**
[72] DANKERS, ARNE, CA
[72] JALILIAN, SEYED EHSAN, CA
[71] HIFI ENGINEERING INC., CA
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[25] EN
[54] **VAPORIZER DEVICE**
[54] **DISPOSITIF VAPORISATEUR**
[72] ATKINS, ARIEL, US
[72] BELT, MACKENZIE PAIGE, US
[72] CHEUNG, BRANDON, US
[72] CHRISTENSEN, STEVEN, US
[72] ENTELIS, DYLAN E., US
[72] LOMELI, KEVIN, US
[72] MALONE, MATTHEW J., US
[72] O' MALLEY, CLAIRE, US
[72] SCOTT, ZACHARY T., US
[72] SHAH, NIHIR B., US
[71] JUUL LABS, INC., US
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[87] (WO2020/132127)
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[51] **Int.Cl. G01D 18/00 (2006.01) G01D 5/32 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TESTING A FIBER OPTIC MONITORING SYSTEM IN A CONDUIT**
[54] **PROCEDE ET SYSTEME SERVANT A TESTER UN SYSTEME DE SURVEILLANCE DE FIBRE OPTIQUE DANS UN CONDUIT**
[72] HULL, JOHN, CA
[72] JALILIAN, SEYED EHSAN, CA
[71] HIFI ENGINEERING INC., CA
[85] 2021-06-01
[86] 2019-12-02 (PCT/CA2019/051732)
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[30] US (62/774,612) 2018-12-03

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[51] **Int.Cl. B65D 81/26 (2006.01)**
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[54] **METHODS FOR PACKAGING AND PRESERVING CUT MUSHROOM PRODUCTS**
[54] **PROCEDES D'EMBALLAGE ET DE CONSERVATION DE CHAMPIGNONS COUPES**
[72] RILEY, DEREK, US
[72] JOHNSTON, MICHAEL, US
[71] MAXWELL CHASE TECHNOLOGIES, LLC, US
[85] 2021-05-31
[86] 2019-12-18 (PCT/US2019/067269)
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[25] EN
[54] **POLYMER AND METHODS FOR MANUFACTURING IT**
[54] **POLYMERE ET SES PROCEDES DE FABRICATION**
[72] CHEN, XIAOYU, CN
[72] LI, XUAN, CN
[71] KEMIRA OYJ, FI
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[86] 2018-12-27 (PCT/CN2018/124208)
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[25] EN
[54] **WOVEN, NONWOVEN, COTTON, NONWOVEN-COTTON BLENDED POLYETHYLENE AND POLIPROPILEN AND POLYSTYRENE MASK, WOUND DRESSING, PANTY, BRA, HANDKERCHIEF, PAD, SCOURING PAD, DISPOSABLE SURGICAL DRESS, DISPOSABLE SHEETS WITH ANTIMICROBIAL PROPERTIES**
[54] **MASQUE, PANSEMENT, CULOTTE, SOUTIEN-GORGE, MOUCHOIR, TAMPON, TAMPON DE RECURAGE, VETEMENT CHIRURGICAL JETABLE ET DRAPS CHIRURGICAUX JETABLES TISSES, NON TISSES, EN COTON, EN POLYE THYLENE, EN POLYPROPYLENE ET EN POLYSTYRENE MELANGES AVEC DU COTON NON TISSE, PRESENTANT DES PROPRIETES ANTIMICROBIENNES**
[72] UCAR, DILEK, TR
[71] DILCEM KIMYA VE DENISMANLIK ITH. IHR. SAN. TIC. LTD. STI., TR
[85] 2021-05-31
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[54] **THERAPIE ORALE AU MOYEN D'ACIDE 6,8-BIS-BENZYLTHIO-OCTANOIQUE**
[72] SHORR, ROBERT G.L., US
[72] PARDEE, TIMOTHY S., US
[72] BOTEJU, LAKMAL, US
[71] RAFAEL PHARMACEUTICALS, INC., US
[85] 2021-05-31
[86] 2019-12-20 (PCT/US2019/067763)
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[30] US (62/782,938) 2018-12-20
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[54] **PREDICTIVE SEED SCRIPTING FOR SOYBEANS**
[54] **SCRIPTAGE DE GRAINE PREDICTIVE POUR LE SOJA**
[72] SOOD, SHILPA, US
[72] BHAGAT, JIGYASA, US
[72] ROCK, DAVID, US
[72] TRAPP, ALLAN, US
[72] HELLAND, NICHOLAS, US
[72] JACOBS, MORRISON, US
[72] MACISAAC, SUSAN A., US
[71] THE CLIMATE CORPORATION, US
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[51] **Int.Cl. H04W 28/04 (2009.01)**
[25] EN
[54] **METHODS, APPARATUS AND SYSTEMS FOR INDICATING TRANSMISSION FAILURES IN A WIRELESS COMMUNICATION**
[54] **PROCEDES, APPAREIL ET SYSTEMES D'INDICATION DE DEFAILLANCES DE TRANSMISSION DANS UNE COMMUNICATION SANS FIL**
[72] ZHANG, LI, CN
[72] ZHAO, YAJUN, CN
[71] ZTE CORPORATION, CN
[85] 2021-06-01
[86] 2018-12-28 (PCT/CN2018/124703)
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[25] EN
[54] **PRODUCTION METHOD OF CONTINUOUS CARPET MAT**
[54] **PROCEDE DE FABRICATION DE COUSSIN DE TAPIS CONTINU**
[72] YANG, MINGSHUN, CN
[71] FORMOSA SAINT JOSE CORP., TW
[85] 2021-06-01
[86] 2019-03-13 (PCT/CN2019/077970)
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[25] EN
[54] **COMPUTING ENVIRONMENT SYSTEM FOR MONITORING AIRCRAFT ENGINES**
[54] **SYSTEME D'ENVIRONNEMENT INFORMATIQUE POUR LA SURVEILLANCE DE MOTEURS D'AERONEFS**
[72] LACAILLE, JEROME HENRI NOEL, FR
[72] FOREST, FLORENT EVARISTE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2021-06-01
[86] 2019-12-05 (PCT/FR2019/052935)
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[51] **Int.Cl. E03F 5/10 (2006.01) E02B 11/00 (2006.01) E03F 1/00 (2006.01)**
[25] EN
[54] **BIORETENTIONAL SYSTEM AND METHOD OF CONSTRUCTION THEREOF**
[54] **SYSTEME DE BIORETENTION ET SON PROCEDE DE CONSTRUCTION**
[72] STROMBERG, TIMOTHY J., US
[72] GARRIGAN, SEAN, US
[72] STROMBERG, MICHAEL P., US
[71] INFRA-SGA, INC., US
[85] 2021-05-31
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[30] US (62/789,053) 2019-01-07

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[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING LOW-TEMPERATURE REFRIGERATION AIR VALVE**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE VANNE D'AIR DE REFRIGERATION A BASSE TEMPERATURE**
[72] LIANG, XIN, CN
[72] YANG, GUOZHONG, CN
[72] WANG, MINGREN, CN
[72] TAN, ZHIJUN, CN
[71] HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD., CN
[71] GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD., CN
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[30] CN (201811641425.5) 2018-12-29

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[25] FR
[54] **USE OF A RENEWABLE COMPOSITION FOR COATING PARTICLES**
[54] **UTILISATION D'UNE COMPOSITION D'ORIGINE RENOUVELABLE POUR L'ENROBAGE DE PARTICULES**
[72] GONZALEZ LEON, JUAN ANTONIO, FR
[72] IMBERT, DOMINIQUE, FR
[71] ARKEMA FRANCE, FR
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[54] **USE OF A LIQUID COMPOSITION FOR COATING PARTICLES**
[54] **UTILISATION D'UNE COMPOSITION LIQUIDE POUR L'ENROBAGE DE PARTICULES**
[72] GONZALEZ LEON, JUAN ANTONIO, FR
[71] ARKEMA FRANCE, FR
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[54] **NUT AND LEAD SCREW TYPE OPENING AND CLOSING MECHANISM FOR AUTOMATIC DOOR, AUTOMATIC VEHICLE DOOR, AND VEHICLE**
[54] **MECANISME D'OUVERTURE ET DE FERMETURE DE TYPE VIS-MERE ET ECROU POUR UNE PORTIERE AUTOMATIQUE, PORTIERE DE VEHICULE AUTOMATIQUE ET VEHICULE**
[72] TANG, WEIHANG, CN
[72] RAO, JINGUI, CN
[72] LIAO, YONGLIN, CN
[72] DENG, FEI, CN
[72] MA, YINCAI, CN
[71] WINBO-DONGJIAN AUTOMOTIVE TECHNOLOGY CO., LTD., CN
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[54] **METHODS AND COMPOSITIONS FOR TREATING ASTHMA**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE L'ASTHME**
[72] CHATILA, TALAL AMINE, US
[72] HARB, HANI, US
[72] ESTY, BRITTANY, US
[72] PHIPATANAKUL, WANDA, US
[72] BARTNIKAS, LISA M., US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
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[54] **DEGRADED HYDROXYALKYLATED STARCHES AND METHODS OF PREPARATION**
[54] **AMIDONS HYDROXYALKYLES DEGRADES ET LEURS PROCEDES DE PREPARATION**
[72] SHI, YONG-CHENG, US
[72] FERNANDEZ, JOSEPH M., US
[72] RAJBANSHI, ARBIN, US
[72] WANG, QI, US
[72] SUN, ZHENHUA, US
[71] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, US
[71] SAPPI NORTH AMERICA, INC., US
[85] 2021-05-31
[86] 2019-12-13 (PCT/US2019/066230)
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[54] **IMPROVED ADAPTER AND ROLLING ASSEMBLY COMPRISING SUCH AN ADAPTER**
[54] **EXTENSEUR PERFECTIONNE ET ENSEMBLE ROULANT COMPORTANT UN TEL EXTENSEUR**
[72] WALSER, DANIEL, FR
[72] VEDY, BERTRAND, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[86] 2019-12-19 (PCT/FR2019/053200)
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[25] EN
[54] **ISOINDOLINE COMPOUND, PREPARATION METHOD, PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **COMPOSE D'ISOINDOLINE, PROCEDE DE PREPARATION, COMPOSITION PHARMACEUTIQUE ET UTILISATION ASSOCIEE**
[72] CHEN, XIAOHUA, CN
[72] LI, JIA, CN
[72] CHENG, YU, CN
[72] ZHOU, YUBO, CN
[72] NIE, HUIJUN, CN
[72] WANG, YUJIE, CN
[72] TIAN, HONGTAO, CN
[72] KAN, WEIJUAN, CN
[72] MI, TIAN, CN
[72] HU, XIAOBEI, CN
[72] ZHOU, BINSHAN, CN
[72] YAN, KENIAN, CN
[72] XU, GAOYA, CN
[72] ZHONG, YUHUA, CN
[72] FENG, LEI, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2021-06-01
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[25] EN
[54] **SYSTEM FOR ANALYSIS OF BODY FLUIDS AND WOUND-ASSOCIATED BIOMOLECULES**
[54] **SYSTEME D'ANALYSE DE LIQUIDES BIOLOGIQUES ET BIOMOLECULES ASSOCIES A UNE PLAIE**
[72] HU, WENJING, US
[72] VU, HONG, US
[72] NAIR, ASHWIN, US
[72] TANG, LIPING, US
[71] PROGENITEC, INC., US
[85] 2021-05-31
[86] 2020-01-22 (PCT/US2020/014520)
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[54] **CONTEXT-BASED INTRA PREDICTION**
[54] **PREDICTION INTRA EN FONCTION DU CONTEXTE**
[72] ZHANG, KAI, US
[72] ZHANG, LI, US
[72] LIU, HONGBIN, CN
[72] XU, JIZHENG, US
[72] WANG, YUE, CN
[71] BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD., CN
[71] BYTEDANCE INC., US
[85] 2021-06-01
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[30] CN (PCT/CN2019/070002) 2019-01-01
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[25] EN
[54] **DECORATIVE PANEL, AND DECORATIVE FLOOR COVERING CONSISTING OF SAID PANELS**
[54] **PANNEAU DECORATIF ET REVETEMENT DE SOL DECORATIF CONSTITUE DE CES PANNEAUX**
[72] BOUCKE, EDDY ALBERIC, BE
[71] I4F LICENSING NV, BE
[85] 2021-06-01
[86] 2019-09-30 (PCT/EP2019/076445)
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[25] EN
[54] **BASE PORTION OF BINDING FOR SPLITBOARD WITH HOLDERS FOR ITS FIXATION ON SKIS**
[54] **PARTIE DE BASE DE FIXATION POUR SPLITBOARD AVEC DES SUPPORTS POUR SA FIXATION SUR DES SKIS**
[72] STANEK, MICHAL, CZ
[71] STANEK, MICHAL, CZ
[85] 2021-06-01
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[25] EN
[54] **CARBONATE AGGREGATE COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS D'AGREGATS DE CARBONATE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] KANG, SEUNG-HEE, US
[72] YOUNES, MOHAMAD EL HAJJ, US
[72] SCHNEIDER, JACOB, US
[72] CONSTANTZ, BRENT R., US
[71] BLUE PLANET SYSTEMS CORPORATION, US
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[25] EN
[54] **TAP TO COPY DATA TO CLIPBOARD VIA NFC**
[54] **TOUCHER PERMETTANT LA COPIE DE DONNEES VERS UN PRESSE-PAPIERS PAR NFC**
[72] HERRINGTON, DANIEL, US
[72] RULE, JEFFREY, US
[72] HART, COLIN, US
[72] JI, JASON, US
[71] CAPITAL ONE SERVICES, LLC, US
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[25] EN
[54] **CONTROL SYSTEM FOR AN IMPLANTABLE STIMULATING DEVICE FOR STIMULATING A VAGUS NERVE**
[54] **SYSTEME DE CONTROLE POUR UN DISPOSITIF DE STIMULATION IMPLANTABLE POUR STIMULER UN NERF VAGUE**
[72] DOGUET, PASCAL, BE
[72] DAUTREBANDE, MARIE, BE
[72] BOTQUIN, YOHAN, BE
[72] THIEBAUT, GREGORY, BE
[71] SYNERGIA MEDICAL, BE
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[51] **Int.Cl. H04M 3/51 (2006.01) H04W 4/80 (2018.01) H04L 9/08 (2006.01) H04L 9/14 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRE-AUTHENTICATION OF CUSTOMER SUPPORT CALLS**
[54] **SYSTEME ET PROCEDE DE PRE-AUTHENTIFICATION D'APPELS DE PRISE EN CHARGE DE CLIENT**
[72] RULE, JEFFREY, US
[72] ILINCIC, RAJKO, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2021-05-31
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[51] **Int.Cl. F04D 17/12 (2006.01) C07C 5/333 (2006.01) F04D 29/58 (2006.01)**
[25] EN
[54] **PROPANE DEHYDROGENATION SYSTEM WITH SINGLE CASING REACTOR EFFLUENT COMPRESSOR AND METHOD**
[54] **SYSTEME DE DESHYDROGENATION DE PROPANE DOTE DE COMPRESSEUR D'EFFLUENT DE REACTEUR A CARTER UNIQUE ET PROCEDE**
[72] GHEZZI, SERGIO, IT
[72] MATINA, DARIO, IT
[72] FALOMI, STEFANO, IT
[72] IURISCI, GIUSEPPE, ES
[71] NUOVO PIGNONE TECNOLOGIE - S.R.L., IT
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[54] **HELMET**
[54] **CASQUE**
[72] PIETRZAK, CHRISTOPHER, SE
[72] XIE, SAMAN, SE
[71] MIPS AB, SE
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[86] 2019-12-03 (PCT/EP2019/083532)
[87] (WO2020/115063)
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[51] **Int.Cl. A47J 42/10 (2006.01) A47J 42/20 (2006.01)**
[25] EN
[54] **GRINDING MILL HAVING CONVEXLY CURVED MILLING PROJECTIONS**
[54] **BROYEUR COMPRENANT DES PROTUBERANCES DE BROYAGE COURBEES DE MANIERE CONVEXE**
[72] FRIES, RUDOLF, AT
[71] JOMA KUNSTSTOFFTECHNIK GMBH, AT
[85] 2021-06-01
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[25] EN
[54] **DECORATIVE PANEL, AND DECORATIVE FLOOR COVERING CONSISTING OF SAID PANELS**
[54] **PANNEAU DECORATIF ET REVETEMENT DE SOL DECORATIF CONSTITUE DE CES PANNEAUX**
[72] BOUCKE, EDDY ALBERIC, BE
[71] I4F LICENSING NV, BE
[85] 2021-06-01
[86] 2019-09-30 (PCT/EP2019/076450)
[87] (WO2020/114645)
[30] NL (2022114) 2018-12-03

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[51] **Int.Cl. B21D 53/30 (2006.01) B21K 1/32 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR CHANGING THE SHAPE OF A SHEET-LIKE WORKPIECE**
[54] **PROCEDE ET ENSEMBLE DE MODIFICATION DE FORME D'UNE PIECE DE TYPE PLAQUE**
[72] WILKEN, EILERT, DE
[72] LAUTENBACH, SVEN, DE
[72] FRERICHS, HELMUT, DE
[72] HARMS, MICHAEL, DE
[72] BLAZEK, INGO, DE
[72] BRESTRICH, MARC, DE
[71] DEHARDE GMBH, DK
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[51] **Int.Cl. C12N 7/04 (2006.01)**
[25] EN
[54] **A METHOD FOR PROVIDING A VLP DERIVED FROM JOHN CUNNINGHAM VIRUS**
[54] **PROCEDE DE FOURNITURE D'UNE VLP DERIVE DU VIRUS DE JOHN CUNNINGHAM**
[72] DEMINA, VICTORIA, DE
[72] STAPF, MARCUS, DE
[71] NEUWAY PHARMA GMBH, DE
[85] 2021-06-01
[86] 2019-10-14 (PCT/EP2019/077807)
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[30] EP (PCT/EP2018/085699) 2018-12-18

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[51] **Int.Cl. C08L 23/06 (2006.01) C08K 3/22 (2006.01) C08K 5/3492 (2006.01) C08L 23/12 (2006.01) F16L 9/12 (2006.01)**
[25] EN
[54] **POLYETHYLENE OR POLYPROPYLENE ARTICLES**
[54] **ARTICLES EN POLYETHYLENE OU EN POLYPROPYLENE**
[72] WEYLAND, TANIA, CH
[72] HERBST, HEINZ, CH
[72] BERTET, MARIE LAURE, FR
[71] BASF SE, DE
[85] 2021-06-01
[86] 2019-11-22 (PCT/EP2019/082327)
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[30] EP (18210178.2) 2018-12-04
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[25] EN
[54] **BULK SOLID RECONSTITUTED PLANT COMPOSITION FOR DEVICES THAT HEAT TOBACCO WITHOUT BURNING IT**
[54] **COMPOSITION VEGETALE SOLIDE RECONSTITUEE EN VRAC POUR DISPOSITIFS QUI CHAUFFENT LE TABAC SANS LE BRULER**
[72] BIGOT, DORIANE, FR
[72] BILLON, JEROME, FR
[72] JARDIN, CEDRIC, FR
[71] SWM LUXEMBOURG, LU
[85] 2021-06-01
[86] 2019-12-04 (PCT/EP2019/083736)
[87] (WO2020/115166)
[30] FR (1872395) 2018-12-05

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[25] EN
[54] **DECORATIVE PANEL, AND DECORATIVE FLOOR COVERING CONSISTING OF SAID PANELS**
[54] **PANNEAU DECORATIF ET REVETEMENT DE SOL DECORATIF CONSTITUE DE CES PANNEAUX**
[72] BOUCKE, EDDY ALBERIC, BE
[71] I4F LICENSING NV, BE
[85] 2021-06-01
[86] 2019-09-30 (PCT/EP2019/076444)
[87] (WO2020/114642)
[30] US (62/775,078) 2018-12-04

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[51] **Int.Cl. C08F 220/06 (2006.01) C08F 8/32 (2006.01) C08F 8/44 (2006.01) C08F 220/56 (2006.01) G01N 33/68 (2006.01) C08F 120/06 (2006.01)**
[25] FR
[54] **AMPHIPOLS**
[54] **AMPHIPOLS**
[72] GIUSTI, FABRICE, FR
[72] MARCONNET, ANAIS, FR
[72] ZOONENS, MANUELA, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE PARIS, FR
[85] 2021-06-01
[86] 2019-12-03 (PCT/EP2019/083563)
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[30] EP (18306606.7) 2018-12-03

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[51] **Int.Cl. B63G 9/06 (2006.01) H01F 13/00 (2006.01)**
[25] EN
[54] **DEMAGNETIZATION AND SIGNATURE MEASUREMENT SYSTEM**
[54] **DISPOSITIF DE DEMAGNETISATION ET DE MESURE DE LA SIGNATURE**
[72] LUDWIG, WOLFGANG, CH
[72] LUDWIG, STEFAN, CH
[72] LUDWIG, CHRISTOPH, DE
[72] KAMA, SEZGIN, DE
[72] STEINFORT, ADRIANUS J., CH
[71] STL SYSTEMS AG, CH
[85] 2021-06-01
[86] 2019-11-28 (PCT/EP2019/082836)
[87] (WO2020/120145)
[30] DE (10 2018 131 564.3) 2018-12-10

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[51] **Int.Cl. C13K 1/02 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **SYSTEM TO CONVERT CELLULOSIC MATERIALS INTO SUGAR AND METHOD OF USING THE SAME**
[54] **SYSTEME DE CONVERSION DE MATERIAUX CELLULOSIQUES EN SUCRE ET PROCEDE L'UTILISANT**
[72] SLAGER, BENJAMIN, US
[72] COHEN, PETER JAMES, US
[71] ALLIANCE BIOENERGY PLUS INC. DBA BLUE BIOFUELS, US
[85] 2021-05-26
[86] 2019-01-16 (PCT/US2019/013869)
[87] (WO2019/143736)
[30] US (62/617,900) 2018-01-16

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[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/454 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **4-HETEROARYLCARBONYL-N-(PHENYL OR HETEROARYL) PIPERIDINE-1-CARBOXAMIDES AS INHIBITORS OF TANKYRASES**
[54] **4-HETEROARYLCARBONYL-N-(PHENYLE OU HETEROARYL) PIPERIDINE-1-CARBOXAMIDES SERVANT D'INHIBITEURS DE TANKYRASES**
[72] BUCHSTALLER, HANS-PETER, DE
[72] ROHDICH, FELIX, DE
[71] MERCK PATENT GMBH, DE
[85] 2021-06-01
[86] 2019-11-29 (PCT/EP2019/083014)
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[30] EP (18209726.1) 2018-12-03

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[51] **Int.Cl. G01R 33/383 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT ASYMMETRIC MAGNET ARRAYS WITH THETA MAGNET RINGS**
[54] **RESEAUX D'AIMANTS ASYMETRIQUES LEGERS A ANNEAUX MAGNETIQUES THETA**
[72] HAHAM HAY, NOAM, IL
[71] EPSITAU LTD., IL
[85] 2021-05-31
[86] 2019-11-10 (PCT/IB2019/059646)
[87] (WO2020/109896)
[30] US (62/772,638) 2018-11-29
[30] US (62/795,575) 2019-01-23

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[51] **Int.Cl. C07K 16/46 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **MULTISPECIFIC ANTIGEN-BINDING MOLECULES**
[54] **MOLECULES DE LIAISON A L'ANTIGENE MULTISPECIFIQUES**
[72] BULTMANN, ANDREAS, DE
[72] FELDERER, KARIN, DE
[72] JAGER, SEBASTIAN, DE
[72] RUNZ, STEFFEN, DE
[72] URBAN, JOHANNES, DE
[71] MORPHOSYS AG, DE
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[72] ZIVANOVIC, BOJAN, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[54] **METHOD FOR COMPILING A COLLECTION OF COMPONENTS AS WELL AS CORRESPONDING APPARATUS**
[54] **PROCEDE DE REGROUPEMENT D'UN ENSEMBLE DE COMPOSANTS ET DISPOSITIF CORRESPONDANT**
[72] BERLINECKE, BIRTE, DE
[72] DOHMEYER, JAN, DE
[72] ROSING, JURGEN, DE
[72] TIMPE, TORSTEN, DE
[71] FAIRCHILD FASTENERS EUROPE - VSD GMBH, DE
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[54] **GEAR OIL COMPOSITION**
[54] **COMPOSITION D'HUILE POUR ENGRENAGES**
[72] MA, QINGGAO, US
[72] KOSCHABEK, RENE, DE
[72] RABBAT, PHILIPPE, US
[72] HEINEMANN, HENRIK, DE
[72] MONZ, KAROLIN, DE
[72] RITTIG, FRANK, DE
[72] KASHANI, NAWID, DE
[72] SCHERER, MARKUS, DE
[71] BASF SE, DE
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[54] **COMPOSITION COMPRISING CHICORY ROOT AND PEA CELL WALL FIBER FOR TREATING BRACHYSPIRA INFECTIONS**
[54] **COMPOSITION COMPRENANT DE LA FIBRE DE RACINE DE CHICOREE ET DE PAROI CELLULAIRE DE POIS POUR TRAITER DES INFECTIONS PAR BRACHYSPIRA**
[72] PLANCKAERT, PHILIPPE, BE
[71] COSUCRA GROUPE WARCOING S.A., BE
[85] 2021-06-01
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[54] **SEQUENTIAL MEASUREMENT OF STATUS OF LED LIGHTING AND OTHER APPARATUS CONNECTED TO AN ELECTRICAL POWER LINE AND DISPLAY OF THE STATUS AND THE EXACT GPS POSITION THEREOF**
[54] **MESURE SEQUENTIELLE DE L'ETAT D'UN ECLAIRAGE A DEL ET D'UN AUTRE APPAREIL CONNECTE A UNE LIGNE D'ALIMENTATION ELECTRIQUE ET AFFICHAGE DE L'ETAT ET DE LA POSITION GPS EXACTE CORRES PONDANTS**
[72] MAGIC, ZVONKO, HR
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[72] POLLET, JEAN-PHILIPPE, GB
[72] REYER, WILLIAM, GB
[72] SHROFF, JAIDEV RAJNIKANT, AE
[72] SHROFF, VIKRAM RAJNIKANT, AE
[71] UPL LIMITED, IN
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[54] **COMPOSITIONS FOR IMPROVING SEXUAL FUNCTION**
[54] **COMPOSITIONS POUR AMELIORER LA FONCTION SEXUELLE**
[72] KHAN, JAHANGIR, DK
[71] INXO A/S, DK
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[54] **SENSORIZED GARMENT**
[54] **VETEMENT SENSORIEL**
[72] TESSAROLO, MARTA, IT
[72] USAI, GIUSEPPE ARNALDO, IT
[72] PANI, DANILO, IT
[72] BONFIGLIO, ANNALISA, IT
[72] SULAS, ELEONORA, IT
[72] FRABONI, BEATRICE, IT
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[71] ALMA MATER STUDIORUM-UNIVERSITA DI BOLOGNA, IT
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[54] **PAPER SHEET AND METHOD OF MAKING IT**
[54] **FEUILLE DE PAPIER ET SON PROCEDE DE FABRICATION**
[72] PAN, JIAYI, FR
[72] GUILCHET, PATRICK, FR
[71] SWM LUXEMBOURG, LU
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[54] **MULTILAYER MEMBRANE FOR CONSTRUCTION**
[54] **MEMBRANE MULTICOUCHE DESTINEE A LA CONSTRUCTION**
[72] BUSATTA, NICOLA, IT
[72] CAIS, FEDERICO, IT
[72] BORTOLIN, KATIA, IT
[71] TEMA TECHNOLOGIES AND MATERIALS S.R.L., IT
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[54] **PREVENTION DE LA CROISSANCE DE DENDRITES DANS UNE BATTERIE RECHARGEABLE**
[72] DANINO, AVIEL, IL
[72] YAKUPOV, ILYA, IL
[71] PHINERGY LTD., IL
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[54] **COMPOSE PYRIMIDINE OU SEL CORRESPONDANT**
[72] NAKAMURA, MASAYUKI, JP
[72] ASAI, TAKAHIRO, JP
[72] IGUCHI, SATORU, JP
[72] OGUCHI, KEI, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
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[54] **SYNTHETIC AND RECOMBINANT COLLAGEN PEPTIDES HAVING BIOLOGICAL ACTIVITY**
[54] **PEPTIDES DE COLLAGENE DE SYNTHESE ET OBTENUS DE MANIERE RECOMBINEE A EFFICACITE BIOLOGIQUE**
[72] HAUSMANNS, STEPHAN, DE
[72] FRECH, HANS-ULRICH, DE
[72] OESSER, STEFFEN, DE
[72] HAHN, MARTIN, DE
[71] GELITA AG, DE
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[54] **METHOD OF DETERMINING LAYER THICKNESSES OF 3D MODELS FOR ADDITIVE MANUFACTURING**
[54] **PROCEDE DE DETERMINATION D'EPAISSEURS DE COUCHE DE MODELES TRIDIMENSIONNELS (3D) POUR LA FABRICATION ADDITIVE**
[72] STAHL, CHRISTIAN, DE
[72] WEISS, DANIEL, DE
[71] DENTSPLY SIRONA INC., US
[71] SIRONA DENTAL SYSTEMS GMBH, DE
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[54] **METHODS FOR THE TREATMENT OF TRINUCLEOTIDE REPEAT EXPANSION DISORDERS ASSOCIATED WITH MSH3 ACTIVITY**
[54] **METHODES POUR LE TRAITEMENT DE TROUBLES D'EXPANSION DE REPETITION TRINUCLEOTIDIQUE ASSOCIES A UNE ACTIVITE MSH3**
[72] BERMINGHAM, NESSAN ANTHONY, US
[72] BETTENCOURT, BRIAN R., US
[72] BIALEK, PETER EDWARD, US
[71] TRIPLET THERAPEUTICS, INC., US
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[54] **MODULE DE CAPTEUR DE GAZ**
[72] ACKER, JARON, US
[72] CLARK, PETER JAMES, IE
[72] ASSAMBO, CEDRIC, IE
[72] MCATAMNEY, MICHAEL, IE
[72] KLAUS, JOHN, IE
[72] ROEHL, ROBIN, IE
[71] MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED, IE
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[54] **SUPERCONDUCTING BUMP BOND ELECTRICAL CHARACTERIZATION**
[54] **CARACTERISATION ELECTRIQUE DE LIAISON A BOSSE SUPRACONDUCTRICE**
[72] GRANINGER, AURELIUS L., US
[72] STRAND, JOEL D., US
[72] STOUTIMORE, MICAH JOHN ATMAN, US
[72] KEANE, ZACHARY KYLE, US
[72] HARTMAN, JEFFREY DAVID, US
[72] HACKLEY, JUSTIN C., US
[71] NORTHRUP GRUMMAN SYSTEMS CORPORATION, US
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[54] **CELL SCANNING TECHNOLOGIES AND METHODS OF USE THEREOF**
[54] **TECHNOLOGIES DE BALAYAGE CELLULAIRE ET LEURS PROCEDES D'UTILISATION**
[72] SHINE, THOMAS ADAM, US
[72] SHINE, IAN BASIL, US
[71] SHINE, THOMAS ADAM, US
[71] SHINE, IAN BASIL, US
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[54] **METHODS OF DETECTING, PREVENTING, REVERSING, AND TREATING NEUROLOGICAL DISEASES**
[54] **METHODES DE DETECTION, DE PREVENTION, D'ATTENUATION ET DE TRAITEMENT DE MALADIES NEUROLOGIQUES**
[72] SANDS, MARK S., US
[72] BENITEZ, BRUNO A., US
[71] WASHINGTON UNIVERSITY, US
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[54] **USE OF LENTIVIRAL VECTORS EXPRESSING FACTOR IX**
[54] **UTILISATION DE VECTEURS LENTIVIRAUX EXPRIMANT LE FACTEUR IX**
[72] LIU, TONGYAO, US
[72] PATARROYO-WHITE, SUSANNAH, US
[72] DRAGER, DOUGLAS, US
[72] CANTORE, ALESSIO, IT
[72] NALDINI, LUIGI, IT
[71] BIOVERATIV THERAPEUTICS INC., US
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[54] **COMPOSITIONS AND METHODS FOR REDUCING PESTICIDE-INDUCED PLANT DAMAGE AND IMPROVING PLANT YIELD**
[54] **COMPOSITIONS ET PROCEDES POUR REDUIRE LA DETERIORATION DES PLANTES INDUITE PAR DES PESTICIDES ET AMELIORER LE RENDEMENT VEGETAL**
[72] WOZNIAK, ELIZABETH, US
[71] CYTOZYME LABORATORIES, INC., US
[85] 2021-06-01
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[54] **DELIVERY ROBOT**
[54] **ROBOT DE LIVRAISON**
[72] HAGHIGHAT KASHANI, ALI, US
[72] HANSSEN, COLIN, US
[72] JAFARZADEH, ARIO, US
[72] LEHMAN, BASTIAN, US
[72] PLAICE, SEAN, US
[72] DEMESHCHUK, DMITRY, US
[72] GREENBERG, MARC, US
[72] NASSEHI, KIMIA, US
[72] FISCHER, NICHOLAS, US
[72] MEDEIROS, CHACE, US
[72] BEWZA, ENGER, US
[72] EUBANKS, CORMAC, US
[71] SERVE ROBOTICS INC., US
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[25] EN
[54] **TECHNIQUES FOR IDENTIFYING TRAILERS ASSOCIATED WITH A TRACTOR USING WIRELESS SIGNALS**
[54] **TECHNIQUES D'IDENTIFICATION DE REMORQUES ASSOCIEES A UN TRACTEUR AU MOYEN DE SIGNAUX SANS FIL**
[72] CHAMPA, JEFFREY A., US
[71] OMNITRACS, LLC, US
[85] 2021-06-01
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[54] **MOUSSE DE POLYURETHANE ET SES PROCEDES DE FORMATION**
[72] DIAO, QING, CN
[72] DONG, YUE, CN
[72] COOK, RUSSELL S., US
[72] GORDON, JAMES N., US
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
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[54] **IDENTIFICATION BIOMETRIQUE ET DETERMINATION D'ETAT DE SANTE**
[72] WEST, LAWRENCE C., US
[72] ARIENZO, MAURIZIO, US
[72] KAYE-KAUDERER, OWEN, US
[72] RALSTON, TYLER S., US
[72] ROSENBLUTH, BENJAMIN, US
[72] ROTHBERG, JONATHAN M., US
[72] MCNULTY, CHRISTOPHER THOMAS, US
[72] COUMANS, JACOBUS, US
[71] TESSERACT HEALTH, INC., US
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[54] **SYSTEMS AND METHODS FOR A WEARABLE DEVICE FOR SUBSTANTIALLY NON-DESTRUCTIVE ACOUSTIC STIMULATION**
[54] **SYSTEMES ET PROCEDES POUR UN DISPOSITIF PORTABLE EN VUE D'UNE PHONOSTIMULATION SENSIBLEMENT NON DESTRUCTIVE**
[72] KABRAMS, ERIC, US
[72] CAMARA, JOSE, US
[72] KAY-KAUDERER, OWEN, US
[72] LEFFELL, ALEXANDER B., US
[72] ROTHBERG, JONATHAN M., US
[72] ARIENZO, MAURIZIO, US
[72] FIROUZI, KAMYAR, US
[72] KAYE-KAUDERER, OWEN, US
[71] LIMINAL SCIENCES, INC., US
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[54] **CHILD-RESISTANT CONTAINER**
[54] **RECIPIENT A L'EPREUVE DES ENFANTS**
[72] BAILEY, MARTIN, US
[72] BANERJEE, SRIMAN, US
[72] BEHREND, GRACE A., US
[72] O'HARA, JAMES C., US
[72] TIESBERGER, KAI, DE
[71] GLAXOSMITHKLINE CONSUMER HEALTHCARE HOLDINGS (US) LLC, US
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[30] US (62/780,378) 2018-12-17

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[51] **Int.Cl. C08K 5/17 (2006.01) C09J 4/00 (2006.01)**
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[54] **ADHESIVE COMPOSITION WITH RETARDING ADDITIVE**
[54] **COMPOSITION ADHESIVE A ADDITIF RETARDATEUR**
[72] FRAPSAUCE, ASTRID, FR
[72] BARON, CATHERINE, FR
[71] HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH, CH
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[25] EN
[54] **VACCINE COMPOSITION FOR PREVENTING RABIES, AND PREPARATION METHOD THEREFOR**
[54] **COMPOSITION DE VACCIN ANTIRABIQUE ET SON PROCEDE DE PREPARATION**
[72] LEE, YONG JIK, KR
[72] LEE, SANGMIN, KR
[72] SONG, JAE-YOUNG, KR
[72] OUH, IN-OHK, KR
[72] CHO, SOO DONG, KR
[72] PARK, SEYEON, KR
[72] KANG, BEONG SUL, KR
[72] YANG, DONG-KUN, KR
[72] KIM, HA-HYUN, KR
[71] BIOAPPLICATIONS INC., KR
[71] REPUBLIC OF KOREA(ANIMAL AND PLANT QUARANTINE AGENCY), KR
[85] 2021-06-01
[86] 2019-11-28 (PCT/KR2019/016569)
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[25] EN
[54] **VIBRATION RIPPER HAVING LINK STRUCTURE WITH IMPROVED VIBRATION ISOLATING FUCTION**
[54] **DEFONCEUSE A VIBRATIONS DOTEE D'UNE STRUCTURE DE LIAISON A FONCTION AMELIOREE D'ISOLATION DES VIBRATIONS**
[72] LEE, SUNG CHAN, KR
[71] STERLING TECHNOLOGY INC., KR
[85] 2021-06-01
[86] 2019-11-28 (PCT/KR2019/016576)
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[30] KR (10-2018-0153348) 2018-12-03

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[25] EN
[54] **VERY LONG CHAIN FATTY ACID COMPOSITIONS**
[54] **COMPOSITIONS D'ACIDES GRAS A TRES LONGUE CHAINE**
[72] SVENSEN, HARALD, NO
[72] KRISTINSSON, BJORN, IS
[71] EPAX NORWAY AS, NO
[85] 2021-06-01
[86] 2019-12-05 (PCT/NO2019/050268)
[87] (WO2020/117070)
[30] NO (20181574) 2018-12-06

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[51] **Int.Cl. C11D 3/00 (2006.01) C11D 3/22 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **DYE SCAVENGER AND METHOD OF PRODUCTION OF DYE SCAVENGER**
[54] **CAPTEUR DE PIGMENT ET PROCEDE DE PRODUCTION DE CAPTEUR DE PIGMENT**
[72] KALAGASIDIS KRUSIC, MELINA, RS
[72] MILOSAVLJEVIC, NEDELJKO, RS
[72] LUCIC SKORIC, MARIJA, RS
[71] UNIVERZITET U BEOGRADU, RS
[85] 2021-06-01
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[51] **Int.Cl. A61F 2/66 (2006.01)**
[25] EN
[54] **PROSTHESIS**
[54] **PROTHESE**
[72] HENDRIKS, GUIDO JEROME, NL
[72] ROGGEVEEN, JACOB LEONARD, NL
[72] RITSMA, IRIS ELINE, NL
[72] ZWART, THOMAS SEBASTIAAN, NL
[72] FOLKERS, FRANCIS, NL
[72] JAGERS OP AKKERHUIS, STIJN, NL
[72] HEINEN, CLEMENT AART IJJE, NL
[72] LEWIS, DONOVAN DANE LESTER, NL
[71] GYROMOTICS HOLDING B.V., NL
[85] 2021-06-01
[86] 2018-12-07 (PCT/NL2018/050823)
[87] (WO2019/112435)
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[25] EN
[54] **REDUCED AND MINIMAL MANIPULATION MANUFACTURING OF GENETICALLY-MODIFIED CELLS**
[54] **FABRICATION AVEC MANIPULATION REDUITE ET MINIMALE DE CELLULES GENETIQUEMENT MODIFIEES**
[72] ADAIR, JENNIFER E., US
[72] SHAHBAZI, REZA, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2021-06-01
[86] 2019-12-05 (PCT/US2019/064780)
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[51] **Int.Cl. A61B 3/11 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INTRAOCULAR LENS SELECTION USING POST-OPERATIVE MEASUREMENTS**
[54] **APPAREIL ET PROCEDE POUR LA SELECTION DE LENTILLE INTRAOCULAIRE AU MOYEN DE MESURES POST-OPERATOIRES**
[72] LADAS, JOHN GREGORY, US
[71] ADVANCED EUCLIDEAN SOLUTIONS, LLC, US
[85] 2021-06-01
[86] 2019-12-06 (PCT/US2019/064911)
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[30] US (62/776,320) 2018-12-06

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[51] **Int.Cl. A61F 2/16 (2006.01) A61F 2/00 (2006.01) A61F 2/14 (2006.01) A61F 9/00 (2006.01) A61F 9/007 (2006.01) A61F 9/013 (2006.01)**
[25] EN
[54] **LENS CAPSULE TENSION DEVICES**
[54] **DISPOSITIF DE TENSION DE CAPSULE DU CRISTALLIN**
[72] KAHOOK, MALIK Y., US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2021-06-01
[86] 2019-12-18 (PCT/US2019/067244)
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[30] US (16/228,623) 2018-12-20

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[51] **Int.Cl. C12N 15/67 (2006.01) C12N 5/071 (2010.01) C07K 14/47 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING POLYPEPTIDES USING A CELL LINE RESISTANT TO APOPTOSIS**
[54] **PROCEDES DE PRODUCTION DE POLYPEPTIDES AU MOYEN D'UNE LIGNEE CELLULAIRE RESISTANTE A L'APOPTOSE**
[72] ARENA, TIA ALEXANDRA, US
[72] WONG, ATHENA W., US
[71] GENENTECH, INC., US
[85] 2021-06-01
[86] 2019-12-19 (PCT/US2019/067455)
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[25] EN
[54] **SYSTEMS FOR PROTEIN-PROTEIN INTERACTION SCREENING**
[54] **SYSTEMES DE CRIBLAGE D'INTERACTIONS PROTEINE-PROTEINE**
[72] CHAN, HENRY, US
[72] CHAN, LEON YEN-LEE, US
[72] COOPER, AARON ROSS, US
[71] OCTANT, INC., US
[85] 2021-06-01
[86] 2019-12-06 (PCT/US2019/064969)
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[51] **Int.Cl. A61K 31/517 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07D 239/94 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR THE TREATMENT OF CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] HEYMACH, JOHN, V., US
[72] ROBICHAUX, JACQULYNE, US
[72] NILSSON, MONIQUE, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2021-06-01
[86] 2019-12-20 (PCT/US2019/068153)
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[25] EN
[54] **SELF-CLOSING ENTRYWAY FOR DOOR FRAME**
[54] **ENTREE A FERMETURE AUTOMATIQUE POUR CADRE DE PORTE**
[72] WHITTEMORE, JEFFREY P., US
[71] ZIPWALL, LLC., US
[85] 2021-06-01
[86] 2019-12-06 (PCT/US2019/065102)
[87] (WO2020/118277)
[30] US (62/776,403) 2018-12-06

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[51] **Int.Cl. G07B 15/02 (2011.01) A44C 5/00 (2006.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01) G06Q 10/00 (2012.01) G07C 9/00 (2020.01) A45C 13/30 (2006.01)**
[25] EN
[54] **SYSTEM AND DEVICES FOR MANAGEMENT OF TIMED EVENT ADMISSIONS**
[54] **SYSTEME ET DISPOSITIFS DE GESTION D'ADMISSIONS A DES EVENEMENTS CHRONOMETRES**
[72] SCHUELER, CODY JAMES, US
[72] SCHUELER, LUKE MALEROY, US
[72] YANG (FOO), CHIA (CARL), CN
[71] SCHUELER, CODY JAMES, US
[71] SCHUELER, LUKE MALEROY, US
[71] YANG (FOO), CHIA (CARL), CN
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[30] US (16/231,537) 2018-12-23

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[51] **Int.Cl. G06N 20/00 (2019.01) A61B 5/291 (2021.01) A61N 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A DEVICE FOR STEERING ACOUSTIC STIMULATION USING MACHINE LEARNING**
[54] **SYSTEMES ET PROCEDES POUR UN DISPOSITIF POUR DIRIGER UNE STIMULATION ACOUSTIQUE A L'AIDE D'UN APPRENTISSAGE MACHINE**
[72] KABRAMS, ERIC, US
[72] FIROUZI, KAMYAR, US
[72] MOGHADAMFALAHI, MOHAMMAD, US
[71] LIMINAL SCIENCES, INC., US
[85] 2021-06-01
[86] 2019-12-13 (PCT/US2019/066218)
[87] (WO2020/123935)
[30] US (62/779,188) 2018-12-13
[30] US (62/822,697) 2019-03-22
[30] US (62/822,679) 2019-03-22
[30] US (62/822,684) 2019-03-22
[30] US (62/822,668) 2019-03-22
[30] US (62/822,709) 2019-03-22
[30] US (62/822,675) 2019-03-22
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[51] **Int.Cl. E21B 23/06 (2006.01) E21B 33/12 (2006.01) E21B 33/16 (2006.01)**
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[54] **RELEASE MECHANISM FOR MECHANICALLY LOCKED WIPER PLUG SYSTEM**
[54] **MECANISME DE LIBERATION POUR SYSTEME DE BOUCHON D'ESSUIE-GLACE A VERROUILLAGE MECANIQUE**
[72] WARNEKE, JACOB, S., US
[71] DRIL-QUIP, INC., US
[85] 2021-06-01
[86] 2019-12-17 (PCT/US2019/066707)
[87] (WO2020/131782)
[30] US (62/783,732) 2018-12-21
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[51] **Int.Cl. A61K 38/20 (2006.01) C07K 14/54 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **IL-15 COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'IL-15 ET LEURS PROCEDES D'UTILISATION**
[72] LI, ZIJUAN, CN
[71] PROVIVA THERAPEUTICS (HONG KONG) LIMITED, CN
[85] 2021-06-01
[86] 2019-12-13 (PCT/US2019/066287)
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[30] US (62/779,793) 2018-12-14

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[51] **Int.Cl. A61M 1/28 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **CAPACITIVE SENSING FOR PRIMING OF DIALYSIS MACHINES**
[54] **DETECTION CAPACITIVE POUR L'AMORCAGE DE MACHINES DE DIALYSE**
[72] GARZA, HERNANDO G., US
[72] KHAN, ASIF A., US
[72] JAMES, PHILLIP S., US
[72] LANGLEY, MICHAH S., US
[72] ALLEN, BENJAMIN W., US
[72] PLAHEY, KULWINDER S., US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2021-06-01
[86] 2019-12-17 (PCT/US2019/066786)
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[30] US (16/233,593) 2018-12-27

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[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/06 (2006.01) A61K 8/34 (2006.01) A61K 8/73 (2006.01)**
[25] EN
[54] **EMULSIFYING COMPOSITION COMPRISING A WATER-IN-OIL EMULSIFIER AND A CYCLODEXTRIN OF SELECTED PARTICLE SIZE, CAPABLE OF PROVIDING AN OIL-IN-WATER EMULSION WITH IMPROVED SENSORY EFFECTS FOR COSMETIC USE**
[54] **COMPOSITION EMULSIONNANTE COMPRENANT UN EMULSIONNANT EAU-DANS-HUILE ET UNE CYCLODEXTRINE DE GRANULOMETRIE SELECTIONNEE, APTE A FOURNIR UNE EMULSION HUILE-DANS-EAU AVEC EFFETS SENSORIELS AMELIORES, A USAGE COSMETIQUE**
[72] MENTIK, LEON, FR
[71] ROQUETTE FRERES, FR
[85] 2021-06-02
[86] 2019-12-04 (PCT/FR2019/052928)
[87] (WO2020/115436)
[30] FR (18 72344) 2018-12-05

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[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/02 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS COMPRISING A CYCLODEXTRIN HAVING A PARTICLE SIZE DISTRIBUTION**
[54] **COMPOSITIONS COSMETIQUES COMPRENANT UNE CYCLODEXTRINE AYANT UNE DISTRIBUTION DE TAILLE DE PARTICULE**
[72] MENTINK, LEON, FR
[72] PIOT, SOPHIE, FR
[71] ROQUETTE FRERES, FR
[85] 2021-06-02
[86] 2019-12-04 (PCT/FR2019/052932)
[87] (WO2020/115438)
[30] FR (18 72343) 2018-12-05
[30] FR (19 12367) 2019-11-05

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[51] **Int.Cl. E04F 13/22 (2006.01)**
[25] EN
[54] **SUPPORT BRACKET APPARATUS**
[54] **APPAREIL A PALIER DE SUPPORT**
[72] HATZINIKOLAS, MICHAEL, CA
[72] HATZINIKOLAS, ANDREA, CA
[71] FERO CORPORATION, CA
[85] 2021-06-02
[86] 2019-12-02 (PCT/CA2019/051727)
[87] (WO2020/113319)
[30] US (62/774,535) 2018-12-03
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[13] A1
[51] **Int.Cl. E21B 47/10 (2012.01) E21B 34/00 (2006.01) E21B 47/06 (2012.01) E21B 49/08 (2006.01) G01L 7/18 (2006.01) G01M 3/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING THE WATERTIGHTNESS IN THE ANNULAR SPACE IN FLEXIBLE LINES**
[54] **SYSTEME ET PROCEDE DE DETECTION DE L'ETANCHEITE D'UN ESPACE ANNULAIRE DANS DES CONDUITS SOUPLES**
[72] SANTOS POLI, PAULO ROBERTO, BR
[72] DE CASTILHO SANTOS, JOAO MARCIO, BR
[72] PINTO PIRES, GUSTAVO, BR
[72] KUCHPIL, CASSIO, BR
[72] MAIA DE SOUZA, CARLOS EDUARDO, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[85] 2021-06-02
[86] 2019-12-02 (PCT/BR2019/050513)
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[30] BR (BR 102018075029-1) 2018-12-03

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[13] A1
[51] **Int.Cl. B01F 1/00 (2006.01) C09D 7/20 (2018.01) A01N 25/02 (2006.01) C07C 69/96 (2006.01) C08J 3/09 (2006.01) C09D 9/00 (2006.01) C09J 11/06 (2006.01) C11D 7/50 (2006.01) C23G 5/032 (2006.01)**
[25] EN
[54] **SOLVENT COMPOUNDS FOR USE AS REPLACEMENTS FOR SLOW EVAPORATING SOLVENTS**
[54] **COMPOSES DE SOLVANT DESTINES A ETRE UTILISES COMME PRODUITS DE REMPLACEMENT DES SOLVANTS A EVAPORATION LENTE**
[72] PASIN, DAVID A., CA
[72] CLARKSON, JOSEPH MITCHELL, CA
[72] TEWKESBURY, MATTHEW D., CA
[72] SCHAFER, LAUREL L., CA
[71] TBF ENVIRONMENTAL TECHNOLOGY INC., CA
[85] 2021-02-19
[86] 2019-08-20 (PCT/IB2019/057015)
[87] (WO2020/039350)
[30] US (62/721,257) 2018-08-22

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[51] **Int.Cl. C08L 97/00 (2006.01) C08H 8/00 (2010.01) C07G 1/00 (2011.01) C08J 5/18 (2006.01) C08L 3/00 (2006.01) C08L 5/00 (2006.01) C08L 67/04 (2006.01) C08L 101/16 (2006.01) C09J 197/00 (2006.01)**
[25] EN
[54] **BIODEGRADABLE AND/OR COMPOSTABLE THERMOPLASTIC COMPOSITION COMPRISING LIGNIN, USE OF SAID COMPOSITION AND PRODUCT COMPRISING SAME**
[54] **COMPOSITION THERMOPLASTIQUE BIODEGRADABLE ET/OU COMPOSTABLE COMPRENANT DE LA LIGNINE, UTILISATION DE LADITE COMPOSITION ET PRODUIT LA COMPRENANT**
[72] TORREZAN, TALYTA, BR
[72] MARCONDES AGNELLI, JOSE AUGUSTO, BR
[72] PRADO BETTINI, SILVIA HELENA, BR
[71] FUNDACAO UNIVERSIDADE FEDERAL DE SAO CARLOS, BR
[71] SUZANO S.A., BR
[85] 2021-06-02
[86] 2019-12-04 (PCT/BR2019/050521)
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[30] BR (102018075225-1) 2018-12-05

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[51] **Int.Cl. C12N 15/61 (2006.01) A61K 31/485 (2006.01) C07D 489/06 (2006.01) C12N 9/02 (2006.01) C12N 9/04 (2006.01) C12N 9/90 (2006.01) C12N 15/53 (2006.01) C12N 15/63 (2006.01) C12P 17/18 (2006.01)**
[25] EN
[54] **NEOPINONE ISOMERASE AND METHODS OF USING**
[54] **NEOPINONE ISOMERASE ET PROCEDES D'UTILISATION**
[72] FACCHINI, PETER J., CA
[72] CHEN, XUE, CA
[71] WILLOW BIOSCIENCES INC., CA
[85] 2021-06-02
[86] 2018-11-29 (PCT/CA2018/051520)
[87] (WO2019/109170)
[30] US (62/594,854) 2017-12-05
[30] US (62/686,337) 2018-06-18

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[51] **Int.Cl. F41H 5/04 (2006.01) B32B 5/12 (2006.01) B32B 5/26 (2006.01) B32B 5/28 (2006.01) B32B 7/10 (2006.01) B32B 38/08 (2006.01)**
[25] EN
[54] **A REINFORCED ARMOR AND A PROCESS FOR REINFORCING AN ARMOR BY COMPOSITE LAYERING**
[54] **BLINDAGE RENFORCE ET PROCEDE DE RENFORCEMENT D'UN BLINDAGE PAR STRATIFICATION COMPOSITE**
[72] MASSARELLO, JACK J., CA
[72] SOTELO, ROBERT A., CA
[72] SPENCER, ZACHARY B., CA
[72] WEISBERG, ANDREW H., CA
[72] SPENCER, BRIAN E., CA
[71] GLOBAL METALLIX CANADA INC., CA
[85] 2021-06-02
[86] 2019-12-03 (PCT/CA2019/051737)
[87] (WO2020/113328)
[30] US (62/775,264) 2018-12-04

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[51] **Int.Cl. A61K 31/192 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61P 3/00 (2006.01) A61P 3/08 (2006.01) C07C 57/30 (2006.01)**
[25] EN
[54] **USE OF SODIUM 2-(3-PENTYLPHENYL)ACETATE IN THE TREATMENT OF ALSTROM SYNDROME**
[54] **UTILISATION DE 2-(3-PENTYLPHENYL)ACETATE DE SODIUM DANS LE TRAITEMENT DU SYNDROME D'ALSTROM**
[72] GAGNON, LYNE, CA
[72] LAURIN, PIERRE, CA
[72] CESARI, FRANK, CA
[71] LIMINAL R&D BIOSCIENCES INC., CA
[85] 2021-06-02
[86] 2019-12-05 (PCT/CA2019/051753)
[87] (WO2020/113340)
[30] US (62/775,849) 2018-12-05

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[51] **Int.Cl. B65D 85/804 (2006.01) B65D 65/46 (2006.01)**
[25] EN
[54] **A BEVERAGE POD**
[54] **DOSETTE DE BOISSON**
[72] GRES, NICOLAS, FR
[72] HEYDEL, CHRISTOPHE SEBASTIEN PAUL, CH
[72] GIRARDIN, PASCAL, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2021-06-02
[86] 2019-12-03 (PCT/EP2019/083379)
[87] (WO2020/114995)
[30] EP (18210108.9) 2018-12-04

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[13] A1
[51] **Int.Cl. B65D 75/00 (2006.01)**
[25] EN
[54] **BAG AND FILM TUBE FOR PRODUCING SUCH A BAG**
[54] **SAC ET FILM TUBULAIRE DESTINE A FABRIQUER UN TEL SAC**
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[72] BERGMANN, REINHARD, DE
[72] HEERMANN, FRANK, DE
[72] MICHEL, CARSTEN, DE
[72] REINKER, CHRISTOPH, DE
[72] WIEGAND, UWE, DE
[72] ZUM DOHME, ROLF, DE
[72] SUNDERMANN, JURGEN, DE
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[72] LUO, XUERUI, CN
[72] GRANDA, BRIAN WALTER, US
[72] RAYO, AMY, US
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[72] PICCO, DAVID, US
[72] BEYER, RORY M., US
[72] GALKOWSKI, ANDREW THOMAS, US
[72] GEREAUX, DEAN ALLAN, US
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[72] RAPTIS, MARK, US
[71] AVIVE SOLUTIONS, INC., US
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[71] A.W. CHESTERTON COMPANY, US
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[72] SHARMA, VARNA LAKSHMI, US
[72] HANDLIN, JR., DALE LEE, US
[72] KLEIMAN, IRINA, US
[72] VARADARAJU, HEMANTHRAM, US
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[72] FITZGERALD, ANN KAMEL, US
[72] RICE, JASON TRUMAN, US
[72] CHISHOLM, JESHURUN MICAIAH, US
[72] KULAVIK, RICHARD, US
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[72] ERBEY, JOHN R, II, US
[72] UPPERCO, JACOB L., US
[72] FISHER, MICHAEL ALLEN, US
[72] STRANE, PATRICK WILLIAM, US
[72] BLACK, LANCE MICHAEL, US
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[54] **APPAREIL D'ASSISTANCE RESPIRATOIRE**
[72] BARKER, DEAN ANTONY, NZ
[72] STEWART, MIKAEL DOUGLAS, NZ
[72] HAWKINS, PETER GEOFFREY, NZ
[72] O'DONNELL, KEVIN PETER, NZ
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[54] **PROCEDES D'IDENTIFICATION ET DE DIAGNOSTIC DE MALADIES PULMONAIRES A L'AIDE DE SYSTEMES DE CLASSIFICATION ET LEURS KITS**
[72] STREEPER, ROBERT T., US
[72] IZBICKA, ELZBIETA, US
[72] MICHALEK, JOEL, US
[72] LOUDEN, CHRIS, US
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[54] **APPAREIL SOUS LA FORME D'UNE STRUCTURE UNITAIRE MONOBLOC CONCUE POUR PRODUIRE ET MELANGER DES BULLES DE GAZ ULTRA-FINES DANS UNE SOLUTION AQUEUSE A CONCENTRATION DE GAZ ELEVEE**
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[72] DEV, MAYUR, US
[72] APPLEWHITE, JASON, US
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[54] **MOTIFS DE STIMULATION ELECTRIQUE NON REGULIERS POUR UNE PLUS GRANDE EFFICACITE DE TRAITEMENT DE LA MALADIE DE PARKINSON**
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[72] BROCKER, DAVID T., US
[72] BIRDNO, MERRILL, US
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[72] MATSUDA, TAKAKUNI, JP
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[72] LABBE, RICHARD, CA
[72] LAFLAMME, JIMMY, CA
[72] LACASSE, SYLVAIN, CA
[72] BOLDUC, STEVE, CA
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[71] UMANO MEDICAL INC., CA
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[72] LABBE, RICHARD, CA
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[72] LACASSE, SYLVAIN, CA
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[72] TAYLOR, KURT, US
[72] MCCLARD, CHRISTINA, US
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[72] FORGERON, DEAN PAUL, CA
[72] CAIL, KEVIN, US
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[71] HOUSE OF METALS COMPANY LIMITED, CA
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[54] **PROCEDES ET PROCESSUS D'EVALUATION NON INVASIVE DE VARIATIONS GENETIQUES**
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[72] DZAKULA, ZELJKO, US
[72] TYNAN, JOHN ALLEN, US
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[54] **PROCEDES ET APPAREIL DE DETERMINATION DE L'INSTANT DE TIR CONFIRME ET ENREGISTREMENT IN SITU DU POINT DE TIR DANS DES DETONATEURS ELECTRONIQUES SISMIQUES**
[72] PAPILLON, BRYAN E., US
[72] HOWE, LARRY S., US
[72] TEOWEE, GIMTONG, US
[71] AUSTIN STAR DETONATOR COMPANY, US
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[72] EHRENFREUND, JOSEF, CH
[72] LAMBERTH, CLEMENS, CH
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[72] LEE, TAE GYU, KR
[72] CHOI, SO YOUNG, KR
[72] LEE, SOO HAN, KR
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[72] MCCAFFREY, NEIL, US
[72] BUTTERBRODT, JAY, US
[72] TAYLOR, MARGARET, US
[72] MARKOWITZ, RUTH, US
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