Canadian Intellectual Property Office

An Agency of Industry Canada

Office de la propriété intellectuelle du Canada

Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 149 No. 14 April 6, 2021

Vol. 149 No. 14 le 6 avril 2021

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

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

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.

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

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

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

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

Avis

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

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

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'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.

Copyright

Droits d'auteur

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

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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 April 6, 2021 contains applications open to public inspection from March 21, 2021 to March 27, 2021.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 6 avril 2021 contient les demandes disponibles au public pour consultation pour la période du 21 mars 2021 au 27 mars 2021.

Canadian Patents Issued

April 6, 2021

Brevets canadiens délivrés

6 avril 2021

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[51] **Int.Cl. C07K 14/005 (2006.01) C12N 7/00 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **A METHOD FOR ISOLATING AND QUANTIFYING ANTIGENS IN THE ABSENCE OF DETERGENTS AND ALKYLATING AGENTS**
[54] **UNE METHODE D'ISOLATION ET DE QUANTIFICATION D'ANTIGENES EN L'ABSENCE DE DETERGENTS ET D'AGENT ALKYLATANTS**
[72] GRANINGER, MICHAEL, AT
[72] KALIWODA, MARTIN, AT
[73] NANOTHERAPEUTICS, INC., US
[85] 2013-09-30
[86] 2012-04-18 (PCT/US2012/034054)
[87] (WO2012/145386)
[30] US (61/477,835) 2011-04-21

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[13] C
[51] **Int.Cl. H04N 21/43 (2011.01) H04N 21/235 (2011.01)**
[25] EN
[54] **TRIGGER COMPACTION**
[54] **COMPACTAGE D'ELEMENT DECLENCHEUR**
[72] EYER, MARK, US
[73] SONY CORPORATION, JP
[85] 2013-10-15
[86] 2013-03-13 (PCT/US2013/030646)
[87] (WO2013/142163)
[30] US (61/613,880) 2012-03-21

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[51] **Int.Cl. C01B 32/182 (2017.01) C01B 32/198 (2017.01) B01D 15/10 (2006.01) B01J 20/02 (2006.01) B01J 20/20 (2006.01) C07D 303/46 (2006.01) C07D 303/48 (2006.01) C07K 1/14 (2006.01) C07K 1/16 (2006.01) C07K 1/22 (2006.01) C07K 14/31 (2006.01) C07K 14/315 (2006.01) C07K 17/00 (2006.01) C07K 17/14 (2006.01) C01B 33/12 (2006.01) C01G 23/047 (2006.01)**
[25] EN
[54] **CHEMICALLY MODIFIED GRAPHENE**
[54] **GRAPHENE CHIMIQUEMENT MODIFIE**
[72] VITTADELLO, MICHELE, US
[72] WORONOWICZ, KAMIL, US
[72] CHHOWALLA, MANISH, US
[72] HARROLD, JOHN W., JR., US
[73] RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK, US
[73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2013-11-18
[86] 2012-05-18 (PCT/US2012/038626)
[87] (WO2012/159051)
[30] US (61/488,011) 2011-05-19
[30] US (61/546,740) 2011-10-13
[30] US (61/601,691) 2012-02-22
[30] US (61/601,862) 2012-02-22

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[13] C
[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0484 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **APPLICATION NOTIFICATIONS**
[54] **NOTIFICATIONS D'APPLICATION**
[72] DONAHUE, TYLER J., US
[72] MCNEIL, BRIAN K., US
[72] WOLEY, KEVIN MICHAEL, US
[72] AYERS, MATTHEW R., US
[72] ANAND, GAURAV S., US
[72] RAWAT, ANSHUL, US
[72] IVANOVIC, RELJA, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2013-11-20
[86] 2011-10-09 (PCT/US2011/055520)
[87] (WO2012/166179)
[30] US (13/118,204) 2011-05-27

[11] **2,838,020**
[13] C
[51] **Int.Cl. D21C 9/04 (2006.01)**
[25] EN
[54] **A PRESSURE DIFFUSER WITH AN ANNULAR BAFFLE SCREEN PLATE OVER WATER INLET**
[54] **DIFFUSEUR DE PRESSION AVEC PLAQUE DEFLECTRICE ANNULAIRE SUR ORIFICE D'ENTREE D'EAU**
[72] VOGEL, KEITH, US
[72] SHEERER, JAY, US
[72] CUMMINGS, EDWARD JAMES, US
[72] LUHRMANN, CARL, US
[72] BECHARD, GRANT, US
[73] ANDRITZ INC., US
[86] (2838020)
[87] (2838020)
[22] 2013-12-20
[30] US (61/747,540) 2012-12-31
[30] US (14/097,766) 2013-12-05

[11] **2,838,203**
[13] C
[51] **Int.Cl. G06F 17/11 (2006.01) G06F 21/00 (2013.01)**
[25] EN
[54] **SQUARING BINARY FINITE FIELD ELEMENTS**
[54] **ELEVATION AU CARRE D'ELEMENT DE CHAMP FINI BINAIRE**
[72] LAMBERT, ROBERT JOHN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-12-03
[86] 2011-06-06 (PCT/CA2011/050345)
[87] (WO2012/167345)

[11] **2,841,280**
[13] C
[51] **Int.Cl. H04N 7/015 (2006.01) H04W 4/16 (2009.01) H04W 12/02 (2009.01) H04L 9/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SUSPENDING SCREEN SHARING DURING CONFIDENTIAL DATA ENTRY**
[54] **PROCEDE ET APPAREIL POUR SUSPENDRE LE PARTAGE D'ECRAN AU COURS D'UNE SAISIE DE DONNEES CONFIDENTIELLES**
[72] BRANDER, RYAN CONRAD, CA
[72] POELUEV, YURI, CA
[73] BLACKBERRY LIMITED, CA
[86] (2841280)
[87] (2841280)
[22] 2014-01-28
[30] EP (13153149.3) 2013-01-29

[11] **2,842,264**
[13] C
[51] **Int.Cl. G06F 3/14 (2006.01) G02B 27/01 (2006.01) G06T 13/00 (2011.01)**
[25] EN
[54] **A DEVICE WITH ENHANCED AUGMENTED REALITY FUNCTIONALITY**
[54] **UN DISPOSITIF COMPORTANT UNE FONCTIONNALITE DE REALITE AMPLIFIEE**
[72] FYKE, STEVEN HENRY, CA
[72] WALKER, DAVID RYAN, CA
[72] MCKENZIE, DONALD SOMERSET MCCULLOCH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2842264)
[87] (2842264)
[22] 2014-02-07
[30] EP (13155125.1) 2013-02-13

[11] **2,843,007**
[13] C
[51] **Int.Cl. A63C 19/10 (2006.01) A63B 71/02 (2006.01) A63C 19/06 (2006.01) B66F 11/00 (2006.01) E04B 2/74 (2006.01) E04H 3/14 (2006.01)**
[25] EN
[54] **RINK DIVIDER RAISING AND LOWERING SYSTEM**
[54] **SYSTEME DE SOULEVEMENT ET D'ABAISSEMENT DE DIVISEURS DE PATINOIRES**
[72] KUNTZ, MICHAEL R., US
[73] ICON HD, LLC, US
[86] (2843007)
[87] (2843007)
[22] 2014-01-06
[30] US (61/749,022) 2013-01-04

[11] **2,843,535**
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 31/713 (2006.01) A61K 39/395 (2006.01) A61P 9/00 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) C07K 14/495 (2006.01) C07K 14/71 (2006.01)**
[25] EN
[54] **TREATMENT OF CARDIAC DISEASES AND FIBROSIS WITH ENDOGLIN RECEPTOR ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS THEREOF**
[54] **TRAITEMENT DE TROUBLES CARDIAQUES ET FIBROSE AU MOYEN D'ANTICORPS RECEPTEURS D'ENDOGLINE ET DE FRAGMENTS DE CEUX-CI LIANT L'ANTIGENE**
[72] KAPUR, NAVIN K., US
[72] KARAS, RICHARD H., US
[73] TUFTS MEDICAL CENTER, INC., US
[85] 2014-01-29
[86] 2012-07-31 (PCT/US2012/049018)
[87] (WO2013/019805)
[30] US (61/513,930) 2011-08-01
[30] US (61/578,477) 2011-12-21

[11] **2,845,180**
[13] C
[51] **Int.Cl. A61F 2/962 (2013.01)**
[25] EN
[54] **CAPTURE TUBE MECHANISM FOR DELIVERING AND RELEASING A STENT**
[54] **MECANISME A TUBE DE SAISIE POUR INTRODUIRE ET LIBERER UNE ENDOPROTHESE**
[72] SLAZAS, ROBERT, US
[72] LORENZO, JUAN A., US
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2845180)
[87] (2845180)
[22] 2014-03-03
[30] US (13/801,728) 2013-03-13

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[13] C
[51] **Int.Cl. F02C 9/00 (2006.01) B64D 31/00 (2006.01) F02C 6/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENGINE TRANSIENT POWER RESPONSE**
[54] **SYSTEME ET PROCEDE POUR REPONSE DE PUISSANCE TRANSITOIRE DE MOTEUR**
[72] BELLEVILLE, FRANCOIS, CA
[72] BEAUCHESNE-MARTEL, PHILIPPE, CA
[72] MORGAN, KEITH, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2845182)
[87] (2845182)
[22] 2014-02-28
[30] US (13/796,624) 2013-03-12

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[11] **2,845,439**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61M 25/098 (2006.01) A61M 25/10 (2013.01) A61M 29/02 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **ISCHEMIC STROKE DEVICE**
[54] **DISPOSITIF POUR ACCIDENT ISCHEMIQUE CEREBRAL**
[72] FOLLMER, BRETT ALLEN, US
[72] VALLESTEROS ASUNCION, SHEILA, US
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2845439)
[87] (2845439)
[22] 2014-03-11
[30] US (13/801,979) 2013-03-13

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[11] **2,845,552**
[13] C
[51] **Int.Cl. A61F 2/966 (2013.01)**
[25] EN
[54] **DISTAL CAPTURE DEVICE FOR A SELF-EXPANDING STENT**
[54] **DISPOSITIF DE CAPTURE DISTAL POUR UNE ENDOPROTHESE A AUTO-EXPANSION**
[72] SLAZAS, ROBERT, US
[72] LORENZO, JUAN A., US
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2845552)
[87] (2845552)
[22] 2014-03-11
[30] US (13/799,437) 2013-03-13

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[13] C
[51] **Int.Cl. H04N 7/173 (2011.01) H04H 20/10 (2009.01) H04H 60/37 (2009.01)**
[25] EN
[54] **RECEPTION DEVICE, RECEPTION METHOD, PROGRAM, AND INFORMATION PROCESSING SYSTEM**
[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, PROGRAMME ET SYSTEME DE TRAITEMENT D'INFORMATIONS**
[72] KITAZATO, NAOHISA, JP
[73] SONY CORPORATION, JP
[85] 2014-02-26
[86] 2012-10-18 (PCT/JP2012/076884)
[87] (WO2013/061851)
[30] JP (2011-234555) 2011-10-26

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[13] C
[51] **Int.Cl. B32B 38/00 (2006.01) B32B 3/06 (2006.01) B32B 3/08 (2006.01) B32B 7/08 (2019.01)**
[25] EN
[54] **A METHOD OF THROUGH-THICKNESS REINFORCING A LAMINATED MATERIAL**
[54] **PROCEDE DE PENETRATION DANS LA LARGEUR POUR RENFORCER UN MATERIAU STRATIFIE**
[72] JEVONS, MATTHEW PAUL, GB
[73] ROLLS-ROYCE PLC, GB
[86] (2848267)
[87] (2848267)
[22] 2014-04-04
[30] GB (1306479.5) 2013-04-10

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[11] **2,849,285**
[13] E
[51] **Int.Cl. C22C 38/06 (2006.01) B21B 3/00 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C23C 2/06 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET AND PROCESS FOR PRODUCING THE SAME**
[54] **FEUILLE D'ACIER GALVANISEE PAR IMMERSION A CHAUD A HAUTE RESISTANCE ET SON PROCEDE DE FABRICATION**
[72] SATO, KOICHI, JP
[72] YAMANAKA, SHINTARO, JP
[72] FUJITA, SOSHI, JP
[85] 2014-03-19
[86] 2012-09-28 (PCT/JP2012/075194)
[87] (WO2013/047808)
[48] 2021-04-06
[30] JP (2011-217143) 2011-09-30

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[13] C
[51] **Int.Cl. A63H 33/08 (2006.01)**
[25] EN
[54] **MODULAR CONSTRUCTION PANEL**
[54] **PANNEAU DE CONSTRUCTION MODULAIRE**
[72] KENNEDY, SAMUEL, CA
[73] FELTRO INC., CA
[86] (2851603)
[87] (2851603)
[22] 2014-05-08
[30] US (14/055,333) 2013-10-16

[11] **2,852,115**
[13] C
[51] **Int.Cl. F16B 5/02 (2006.01) A61G 17/08 (2006.01) E04F 19/08 (2006.01)**
[25] EN
[54] **SECURITY CAP FOR MEMORIAL BLOCK**
[54] **BOUCHON DE SECURITE POUR BLOC COMMEMORATIF**
[72] FLIN, DOUGLAS LEE, US
[73] LIFE REMEMBRANCE, LLC, US
[86] (2852115)
[87] (2852115)
[22] 2014-05-14
[30] US (61/974,259) 2014-04-02

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[13] C
[51] **Int.Cl. G01M 3/00 (2006.01) G08B 21/20 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **SELF-CONTAINED, BUOYANT, AND WATER-TIGHT WIRELESS FLOOD DETECTOR**
[54] **DETECTEUR D'INONDATION SANS FIL ETANCHE, FLOTTANT ET AUTONOME**
[72] ESKILDSEN, KENNETH G., US
[72] LEE, ROBERT E., US
[72] PIEL, KEVIN G., US
[73] ADEMCO INC., US
[86] (2852314)
[87] (2852314)
[22] 2014-05-23
[30] US (13/913,934) 2013-06-10

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[13] C
[51] **Int.Cl. C07K 16/46 (2006.01) C07K 16/12 (2006.01) C07K 16/22 (2006.01) C07K 16/24 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIBODIES COMPRISING TWO PARATOPES IN ONE COMPLEMENTARY VH-VL PAIR**
[54] **ANTICORPS BISPECIFIQUES COMPRENANT DEUX PARATOPES DANS UNE PAIRE VH-VL COMPLEMENTAIRE**
[72] BECKMANN, ROLAND, AT
[72] JENSEN, KRISTIAN HOBOLT, AT
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-11-26
[86] 2012-05-29 (PCT/EP2012/002279)
[87] (WO2012/163520)
[30] EP (11004 373.4) 2011-05-27

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[13] C
[51] **Int.Cl. A01D 34/13 (2006.01)**
[25] EN
[54] **SELF CLEARING CROP RAMP**
[54] **RAMPE DE RECOLTE AUTONETTOYANTE**
[72] HERRINGSHAW, BRIAN, US
[72] PIERSON, JOSHUA R., US
[72] NEELY, JESSE R., US
[72] AGEE, LADARIUS D., US
[72] HASENOUR, ANTHONY M., US
[73] DEERE & COMPANY, US
[86] (2855250)
[87] (2855250)
[22] 2014-06-30
[30] US (13/933,758) 2013-07-02

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[13] C
[51] **Int.Cl. C12N 9/86 (2006.01) C12N 1/15 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/52 (2006.01) C12P 13/04 (2006.01)**
[25] EN
[54] **MUTANTS OF HYDANTOINASE**
[54] **MUTANTS DE LA HYDANTOINASE**
[72] OSSWALD, STEFFEN, DE
[72] SCHUSTER, HEIKO, DE
[72] ROOS, JURGEN, DE
[72] KARAU, ANDREAS, DE
[72] SCHWANEBERG, ULRICH, DE
[72] MARTINEZ, RONNY, DE
[72] MUNDHADA, HEMANSHU, DK
[72] HOLTER, URSULA, DE
[73] EVONIK OPERATIONS GMBH, DE
[85] 2014-05-15
[86] 2012-11-16 (PCT/EP2012/072891)
[87] (WO2013/072486)
[30] EP (11189395.4) 2011-11-16

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[13] C
[51] **Int.Cl. E04G 21/14 (2006.01) E04B 1/35 (2006.01) E04B 2/86 (2006.01) E04G 21/00 (2006.01) E04G 21/02 (2006.01)**
[25] EN
[54] **NON-BEARING MODULAR CONSTRUCTION SYSTEM**
[54] **SYSTEME DE CONSTRUCTION MODULAIRE NON PORTEUR**
[72] AUSTIN, DOUGLAS, US
[72] JENCKS, WILLIAM, US
[73] AUSTIN, DOUGLAS, US
[73] JENCKS, WILLIAM, US
[85] 2014-05-16
[86] 2012-11-16 (PCT/US2012/065674)
[87] (WO2013/075023)
[30] US (61/561,750) 2011-11-18
[30] US (13/668,006) 2012-11-02

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[13] C
[51] **Int.Cl. A61K 31/57 (2006.01) A61K 9/14 (2006.01) A61K 9/48 (2006.01) A61K 31/565 (2006.01)**
[25] EN
[54] **NATURAL COMBINATION HORMONE REPLACEMENT FORMULATIONS AND THERAPIES**
[54] **PREPARATIONS ET THERAPIES DE SUBSTITUTION POUR HORMONOTHERAPIE NATURELLE COMBINEE**
[72] BERNICK, BRIAN A., US
[72] CACACE, JANICE LOUISE, US
[72] PERSICANER, PETER H. R., US
[72] IRANI, NEDA, US
[72] AMADIO, JULIA M., US
[72] SANCILIO, FREDERICK D., US
[73] THERAPEUTICSMD, INC., US
[85] 2014-05-21
[86] 2012-11-21 (PCT/US2012/066406)
[87] (WO2013/078422)
[30] US (61/563,408) 2011-11-23
[30] US (61/661,302) 2012-06-18
[30] US (61/662,265) 2012-06-20

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[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0295 (2006.01) A61B 5/087 (2006.01)**
[25] EN
[54] **SYSTEM FOR MEASURING AND RECORDING A USER'S VITAL SIGNS**
[54] **SYSTEME POUR MESURER ET ENREGISTRER LES SIGNES VITAUX D'UN UTILISATEUR**
[72] SAEED AZIMI, US
[73] SAEED AZIMI, US
[86] (2856879)
[87] (2856879)
[22] 2014-07-14
[30] US (13/961,441) 2013-07-08

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[13] C
[51] **Int.Cl. F25B 1/00 (2006.01)**
[25] EN
[54] **MODULAR CHILLER SYSTEM COMPRISING INTERCONNECTED FLOODED HEAT EXCHANGERS**
[54] **SYSTEME DE REFROIDISSEMENT MODULAIRE COMPRENANT DES ECHANGEURS DE CHALEUR INONDES INTERCONNECTES**
[72] MIGLIO, ROSS A., US
[73] CLIMACOOL CORP., US
[86] (2857788)
[87] (2857788)
[22] 2014-07-24
[30] US (13/960,926) 2013-08-07

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[13] C
[51] **Int.Cl. C12Q 1/04 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **DETECTION AND QUANTIFICATION OF NUCLEIC ACID TO ASSESS MICROBIAL BIOMASS IN PAPER DEFECTS AND MACHINE FELTS**
[54] **DETECTION ET QUANTIFICATION D'ACIDES NUCLEIQUES POUR EVALUER LA BIOMASSE MICROBIENNE DANS DES DEFAUTS DE PAPIER ET FEUTRES POUR MACHINE A PAPIER**
[72] RICE, LAURA E., US
[72] LUND, LILIYA, US
[73] NALCO COMPANY, US
[85] 2014-06-03
[86] 2013-01-24 (PCT/US2013/022845)
[87] (WO2013/112656)
[30] US (13/374,949) 2012-01-24

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[13] C
[51] **Int.Cl. H04W 84/18 (2009.01) H04W 12/02 (2009.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01) G08C 17/02 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **NEAR FIELD TELEMETRY LINK FOR PASSING A SHARED SECRET TO ESTABLISH A SECURE RADIO FREQUENCY COMMUNICATION LINK IN A PHYSIOLOGICAL CONDITION MONITORING SYSTEM**
[54] **LIAISON DE TELEMETRIE EN CHAMP PROCHE POUR FAIRE PASSER UN SECRET PARTAGE POUR ETABLIR UNE LIAISON DE COMMUNICATION RADIOFREQUENCE (RF) SURE DANS UN SYSTEME DE SURVEILLANCE DE CON DITION PHYSIOLOGIQUE**
[72] YARGER, MICHAEL, US
[72] PETISCE, JAMES, US
[72] DIRESTA, ELLEN, US
[72] BURNS, DEBORAH, US
[72] MASON, DAVID, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2014-06-11
[86] 2012-12-14 (PCT/US2012/069860)
[87] (WO2013/090791)
[30] US (61/576,309) 2011-12-15

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[13] C
[51] **Int.Cl. C07K 14/48 (2006.01) A61K 38/18 (2006.01) C12P 21/06 (2006.01)**
[25] EN
[54] **NOVEL PRONGF MUTANTS AND USES THEREOF IN THE PRODUCTION OF BETA-NGF**
[54] **NOUVEAUX MUTANTS DE PRONGF ET LEURS UTILISATIONS DANS LA PRODUCTION DE BETA-NGF**
[72] LOREY, SUSAN, DE
[72] JANOWSKI, BERNHARD, DE
[72] PULTKE, HEIKO, DE
[72] KATHMANN, DANIELA, DE
[72] PARTHIER, ANTJE, DE
[72] ANTON, ANDREAS, DE
[73] WACKER CHEMIE AG, DE
[85] 2014-06-13
[86] 2012-12-19 (PCT/EP2012/076251)
[87] (WO2013/092776)
[30] EP (11194208.2) 2011-12-19

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[13] C
[51] **Int.Cl. B01D 39/14 (2006.01) B01D 15/00 (2006.01) B01D 35/00 (2006.01) C02F 1/28 (2006.01) C02F 1/58 (2006.01)**
[25] EN
[54] **FILTRATION MEDIUM COMPRISING A METAL-CONTAINING PARTICULATE**
[54] **MILIEU DE FILTRATION COMPRENANT DES PARTICULES A TENEUR EN METAL**
[72] STOUFFER, MARK R., US
[72] DOYLE, MEREDITH M., US
[72] SIEDLE, ALLEN R., US
[72] WOOD, THOMAS E., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2014-06-20
[86] 2012-12-13 (PCT/US2012/069414)
[87] (WO2013/096079)
[30] US (61/578,967) 2011-12-22

[11] **2,861,875**
[13] C
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[25] EN
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[54] **SYSTEME DE FORAGE A DOUBLE CIRCUIT**
[72] SPEER, IAN, AU
[72] STRANGE, WARREN, AU
[73] STRADA DESIGN LIMITED, JE
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[54] **COMPOSITIONS MULTICOMPOSANTS ET LEURS UTILISATIONS**
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[72] SUN, LICHUN, US
[73] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
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[54] **METHOD AND SYSTEM FOR GASIFICATION OF BIOMASS**
[54] **PROCEDE ET SYSTEME DE GAZEIFICATION DE BIOMASSE**
[72] MCGOLDEN, MICHAEL, US
[73] MCGOLDEN, LLC, US
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[54] **COMPOSITION IMMUNOGENE**
[72] KAPRE, SUBHASH VINAYAK, IN
[72] PISAL, SAMBHAJI SHANKAR, IN
[73] SERUM INSTITUTE OF INDIA PRIVATE LIMITED, IN
[85] 2014-07-29
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[54] **PROCEDE, PROGRAMME INFORMATIQUE ET APPAREIL DE RECEPTION POUR LA DISTRIBUTION D'UN CONTENU COMPLEMENTAIRE**
[72] EYER, MARK, US
[73] SONY CORPORATION, JP
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[54] **HIGH-SPEED ON DEMAND DROPLET GENERATION AND SINGLE CELL ENCAPSULATION DRIVEN BY INDUCED CAVITATION**
[54] **GENERATION DE GOUTTELETTES A HAUTE VITESSE SUR DEMANDE ET ENCAPSULATION DE CELLULE UNIQUE ENTRAINEE PAR UNE CAVITATION INDUITE**
[72] CHIOU, PEI-YU, US
[72] WU, TING-HSIANG S., US
[72] PARK, SUNG-YONG, US
[72] TEITELL, MICHAEL A., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **ROTARY TOOL DRIVE DEVICE FOR A FOOD PROCESSING APPARATUS, AND FOOD PROCESSING APPARATUS FEATURING SUCH A DRIVE DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT D'UN OUTIL ROTATIF POUR APPAREIL DE TRAITEMENT ALIMENTAIRE, ET APPAREIL DE TRAITEMENT ALIMENTAIRE POURVU D'UN TEL DISPOSITIF D'ENTRAINEMENT**
[72] GELIN, CEDRIC, FR
[72] FOUQUET, NICOLAS, FR
[73] SANTOS, FR
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[54] **SYSTEMS AND METHODS FOR PROVIDING EMERGENCY RESOURCES**
[54] **SYSTEMES ET PROCEDES POUR LA FOURNITURE DE RESSOURCES D'URGENCE**
[72] ENGLISH, EDWARD, US
[73] ELERTS CORPORATION, US
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[54] **CONFIGURATION DES SYSTEMES AUDIOVISUELS**
[72] DE WAAL, MENNO, NL
[72] SCHMIT, ERWIN, NL
[72] HEIJMAN, VALENTIJN, NL
[73] GVBB HOLDINGS S.A.R.L., LU
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[54] **ISOLATS DE PHLEBOVIRUS PATHOGENES, AINSI QUE DES COMPOSITIONS ET DES METHODES D'UTILISATION**
[72] MCMULLAN, LAURA K., US
[72] GOLDSMITH, CYNTHIA, US
[72] KELLY, AUBREE, US
[72] NICHOLSON, WILLIAM L., US
[72] NICHOL, STUART T., US
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[54] **CONDUIT POUR DEBRIS POUR CARTER DE LAME DE SCIE**
[72] DISABATINO, BENJAMIN, CA
[72] JAMES, MICHAEL F., CA
[73] DEERE & COMPANY, US
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[54] **OPHTHALMIC PHARMACEUTICAL COMPOSITION CONTAINING A CARBONIC ANHYDRASE INHIBITOR AND METHOD FOR THE PREPARATION THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE OPHTALMIQUE CONTENANT UN INHIBITEUR D'ANHYDRASE CARBONIQUE ET PROCEDE POUR SA PREPARATION**
[72] KARAVAS, EVANGELOS, GR
[72] KOUTRIS, EFTHIMIOS, GR
[72] SAMARA, VASILIKI, GR
[72] MILOULI, EFSTATHIA, GR
[72] KONTIZA, IOANNA, GR
[72] KOUTRI, IOANNA, GR
[73] PHARMATHEN S.A., GR
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[54] **THERMALLY EXPANDABLE PREPARATIONS**
[54] **PREPARATIONS THERMIQUEMENT EXPANSIBLES**
[72] BARRIAU, EMILIE, US
[72] RENKEL, MARTIN, DE
[72] SCHONFELD, RAINER, DE
[72] WUCHERPFENNIG, SVEN, DE
[72] WELTERS, TIM, DE
[73] HENKEL AG & CO. KGAA, DE
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[25] EN
[54] **METHOD FOR PRODUCTION OF AERATED WATER-IN-OIL EMULSIONS AND AERATED EMULSIONS**
[54] **PROCEDE DE PRODUCTION D'EMULSIONS D'EAU DANS L'HUILE AEREES ET D'EMULSIONS AEREES**
[72] ALDRED, DEBORAH LYNNE, GB
[72] BOT, ARJEN, NL
[72] PENG, JINFENG, NL
[72] WIERINGA, JAN ALDERS, NL
[72] XU, QINGGUO, US
[72] ZHU, SHIPING, GB
[72] KNIGHT, PENELOPE EILEEN, GB
[73] UNILEVER PLC, GB
[85] 2014-09-22
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[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVED INTRA-ORAL SCANNING PROTOCOL AND CALIBRATION**
[54] **SYSTEME ET PROCEDE POUR UN PROTOCOLE ET UN ETALONNAGE DE BALAYAGE INTRA-ORAL PERFECTIONNES**
[72] SUTTIN, ZACHARY B., US
[72] CRUZ, JOELL, US
[73] BIOMET 3I, LLC, US
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[25] EN
[54] **MAGNESIUM ALLOY, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF**
[54] **ALLIAGE DE MAGNESIUM, SON PROCEDE DE PRODUCTION ET SON UTILISATION**
[72] MUELLER, HEINZ, DE
[72] UGGOWITZER, PETER, CH
[72] LOEFFLER, JOERG, CH
[73] BIOTRONIK AG, CH
[85] 2014-10-02
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[25] EN
[54] **RADIATION STERILIZATION-RESISTANT PROTEIN COMPOSITION**
[54] **COMPOSITION DE PROTEINE RESISTANT A UNE STERILISATION PAR RAYONNEMENT**
[72] KAGEYAMA, YUKAKO, JP
[72] FUJINAGA, KENTARO, JP
[72] YAMAGUCHI, AYUKO, JP
[72] AKIYAMA, YUSUKE, JP
[72] KATOU, SOUICHIROU, JP
[72] KIMURA, YUKIKO, JP
[72] HONDA, SUSUMU, JP
[72] SATAKE, MAKOTO, JP
[72] KANEKO, HIROAKI, JP
[72] ISHIWARI, AYUMI, JP
[72] HIRASHIMA, MASAKI, JP
[73] TEIJIN LIMITED, JP
[73] TEIJIN PHARMA LIMITED, JP
[73] KM BIOLOGICS CO., LTD., JP
[85] 2014-11-13
[86] 2013-05-13 (PCT/JP2013/063867)
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[30] JP (2012-110395) 2012-05-14
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[25] EN
[54] **DEVICE FOR INFLUENCING REACTIVE-POWER FLOWS**
[54] **DISPOSITIF SERVANT A INFLUER SUR LES FLUX DE PUISSANCE REACTIVE**
[72] GRISENTI, ALEXANDER, AT
[72] MULLEDER, JOHANN, AT
[72] DOPPLMAIR, PETER, AT
[73] COIL HOLDING GMBH, AT
[85] 2014-11-17
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[54] **APPARATUS FOR INFUSING FLUID**
[54] **APPAREIL DE PERFUSION DE FLUIDE**
[72] KAMEN, DEAN, US
[72] KERWIN, JOHN M., US
[72] MURPHY, COLIN H., US
[72] GRAY, LARRY B., US
[72] PARKER, JONATHAN, US
[72] BAIER, MICHAEL J., US
[72] LANGENFELD, CHRISTOPHER C., US
[72] BIASI, JOHN J., US
[72] VAN DER MERWE, DIRK A., US
[72] BLUMBERG, DAVID, US
[72] PLACE, MICHAEL S., US
[72] SLATE, MICHAEL J., US
[72] PAWLOWSKI, DANIEL F., US
[72] SABIN, ERIK, N., US
[72] NORRIS, MICHAEL G., US
[72] THERRIEN, ALEXANDER R., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[30] US (61/651,322) 2012-05-24
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[30] US (PCT/US2012/071131) 2012-12-21
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[51] **Int.Cl. C07D 487/16 (2006.01) A61K 31/52 (2006.01) A61P 31/00 (2006.01) C07D 498/16 (2006.01)**
[25] EN
[54] **MACROCYCLIC PURINES FOR THE TREATMENT OF VIRAL INFECTIONS**
[54] **PURINES MACROCYCLIQUES DESTINEES AU TRAITEMENT D'INFECTIONS VIRALES**
[72] BONFANTI, JEAN-FRANCOIS, FR
[72] FORTIN, JEROME MICHEL CLAUDE, FR
[72] MULLER, PHILIPPE, FR
[72] DOUBLET, FREDERIC MARC MAURICE, FR
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] ARNOULT, ERIC PIERRE ALEXANDRE, FR
[73] JANSSEN SCIENCES IRELAND UC, IE
[85] 2014-11-26
[86] 2013-07-12 (PCT/EP2013/064763)
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[30] EP (12176330.4) 2012-07-13

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[54] **HIGH INTENSITY LED ILLUMINATION DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE A DEL HAUTE INTENSITE**
[72] CASPER, JOSEPH R., US
[72] NOLAN, CHRISTOPHER D., US
[72] WITKOWSKI, JOSEPH J., US
[72] SHUSTER, JEFF R., US
[72] WILSON, BRIAN M., US
[73] SIGNIFY HOLDING B.V., NL
[86] (2875019)
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[22] 2014-12-17
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[51] **Int.Cl. B01J 31/18 (2006.01)**
[25] EN
[54] **PHOSPHINYL GUANIDINE COMPOUNDS, METAL SALT COMPLEXES, CATALYST SYSTEMS, AND THEIR USE TO OLIGOMERIZE OR POLYMERIZE OLEFINS**
[54] **COMPOSES PHOSPHINYL GUANIDINES, COMPLEXES DE SEL METALLIQUE, SYSTEMES CATALYTIQUES ET LEUR UTILISATION POUR OLIGOMERISER OU POLYMERISER DES OLEFINES**
[72] SYDORA, ORSON, US
[72] SMALL, BROOKE, US
[72] CARNEY, MICHAEL, US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2014-12-03
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[25] EN
[54] **SORBENTS FOR REMOVAL OF MERCURY**
[54] **SORBANTS POUR L'ELIMINATION DU MERCURE**
[72] TRAMPOSCH, WALTER G., US
[72] MIMNA, RICHARD A., US
[73] CALGON CARBON CORPORATION, US
[85] 2014-12-09
[86] 2013-06-11 (PCT/US2013/045061)
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[30] US (61/658,258) 2012-06-11
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[13] C
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[25] EN
[54] **LOCAL CONTROL ROBOTIC SURGICAL DEVICES AND RELATED METHODS**
[54] **DISPOSITIFS CHIRURGICAUX ROBOTISES DE COMMANDE LOCALE ET PROCEDES CONNEXES**
[72] MARKVICKA, ERIC, US
[72] FREDERICK, TOM, US
[72] MONDRY, JACK, US
[72] BARTELS, JOE, US
[72] FARRITOR, SHANE, US
[73] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2014-12-15
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[30] US (61/663,194) 2012-06-22

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[51] **Int.Cl. E21B 43/24 (2006.01) C10G 55/04 (2006.01)**
[25] EN
[54] **A METHOD FOR RECOVERING A HYRDOCARBON MIXTURE FROM A SUBTERRANEAN FORMATION**
[54] **UNE METHODE DE RECUPERATION D'UN MELANGE D'HYDROCARBURE D'UNE FORMATION SOUTERRAINE**
[72] GRANDE, KNUT VEBJORN, NO
[72] HOFSTAD, KARINA HEITNES, NO
[72] VINDSPOLL, HARALD, NO
[72] HAUGAN, MARIANNE, NO
[73] STATOIL CANADA LIMITED, CA
[85] 2015-01-05
[86] 2013-07-04 (PCT/EP2013/064198)
[87] (WO2014/006165)
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[54] **ADDRESS ASSIGNMENT FOR INITIAL AUTHENTICATION**
[54] **ATTRIBUTION D'ADRESSE POUR AUTHENTIFICATION INITIALE**
[72] MONTEMURRO, MICHAEL PETER, CA
[72] MCCANN, STEPHEN, GB
[73] BLACKBERRY LIMITED, CA
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[25] EN
[54] **INHIBITORS OF HISTONE DEACETYLASE**
[54] **INHIBITEURS D'HISTONE-DESACETYLASES**
[72] HOLSON, EDWARD, US
[72] WAGNER, FLORENCE FEVRIER, US
[72] HAGGARTY, STEVEN, US
[72] ZHANG, YAN-LING, US
[72] LUNDH, MORTEN, DK
[72] WAGNER, BRIDGET, US
[72] LEWIS, MICHAEL, US
[72] PETRYSHEN, TRACEY, US
[73] THE BROAD INSTITUTE, INC., US
[73] THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL, US
[85] 2015-01-26
[86] 2013-07-29 (PCT/US2013/052572)
[87] (WO2014/018979)
[30] US (61/676,496) 2012-07-27

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[51] **Int.Cl. A61K 31/728 (2006.01) A61K 35/16 (2015.01) A61K 35/28 (2015.01) A61K 35/32 (2015.01) A61P 19/00 (2006.01) C08B 37/00 (2006.01) C08B 37/08 (2006.01)**
[25] EN
[54] **FORMULATIONS COMPRISING SOLVENT/DETERGENT-TREATED PLASMA AND HYALURONIC ACID FOR TREATING MUSCULOSKELETAL DISEASES**
[54] **FORMULATIONS METTANT EN JEU LE PLASMA TRAITE PAR UN SOLVANT DETERGENT ETACIDE HYALURONIQUE POUR LE TRAITEMENT DE MALADIES MUSCULO-SQUELETTIQUES**
[72] BASTIANELLI, ENRICO, BE
[72] ALBARANI, VALENTINA, BE
[73] BONE THERAPEUTICS S.A., BE
[73] ENRICO BASTIANELLI S.P.R.L., BE
[85] 2015-02-17
[86] 2013-09-26 (PCT/EP2013/070085)
[87] (WO2014/049063)
[30] EP (12186027.4) 2012-09-26

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[13] C
[51] **Int.Cl. G05F 1/66 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR STABILIZING POWER RATE OF CHANGE WITHIN GENERATOR BASED APPLICATIONS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE STABILISER LE DEBIT DE PUISSANCE DE CHANGEMENT DANS DES APPLICATIONS BASEES SUR UN GENERATEUR**
[72] BIENFANG, DAVID T., US
[72] HAMANN, ROBERT A., US
[72] BRANDT, MICHAEL E., US
[72] ONSAGER, MICHAEL G., US
[72] ALGRAIN, MARCELO C., US
[73] CATERPILLAR GLOBAL MINING LLC, US
[85] 2015-02-18
[86] 2013-08-22 (PCT/US2013/056074)
[87] (WO2014/046838)
[30] US (13/624,600) 2012-09-21

[11] **2,885,039**
[13] C
[51] **Int.Cl. A61L 26/00 (2006.01) A61P 7/04 (2006.01)**
[25] EN
[54] **VISCOUS HAEMOSTATIC COMPOSTIONS AND METHOD OF TREATMENT**
[54] **COMPOSITIONS HEMOSTATIQUES VISQUEUSES ET PROCEDE DE TRAITEMENT**
[72] EUTICK, MALVIN, AU
[73] EUPHARMA PTY LTD, AU
[85] 2015-03-13
[86] 2013-09-12 (PCT/AU2013/001038)
[87] (WO2014/043743)
[30] AU (2012904082) 2012-09-19

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[13] C
[51] **Int.Cl. A46B 11/00 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT WITH STORAGE RESERVOIR**
[54] **ACCESSOIRE D'HYGIENE BUCCALE AVEC RESERVOIR**
[72] WORTHINGTON, BRIAN G., US
[72] KENNEDY, SHARON, US
[72] JIMENEZ, EDUARDO J., US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2015-03-13
[86] 2013-10-07 (PCT/US2013/063678)
[87] (WO2014/066021)
[30] US (61/719,016) 2012-10-26

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[13] C
[51] **Int.Cl. C21D 8/00 (2006.01) C21D 11/00 (2006.01) C22C 38/00 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01) C22C 38/48 (2006.01) C22C 38/50 (2006.01) C22C 38/52 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **METHODS FOR PROCESSING AUSTENITIC ALLOYS**
[54] **PROCEDES DE TRAITEMENT D'ALLIAGES AUSTENITIQUES**
[72] FORBES JONES, ROBIN M., US
[72] MCDEVITT, ERIN T., US
[73] ATI PROPERTIES LLC, US
[85] 2015-03-13
[86] 2014-02-03 (PCT/US2014/014405)
[87] (WO2014/133718)
[30] US (13/777,066) 2013-02-26

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[13] C
[51] **Int.Cl. A61F 2/04 (2013.01) A61M 25/00 (2006.01) A61F 2/82 (2013.01) A61M 27/00 (2006.01)**
[25] FR
[54] **ENDO-URETHRAL PROSTHESIS**
[54] **PROTHESE ENDO-URINAIRE**
[72] GRISE, PHILIPPE, FR
[73] CENTRE HOSPITALIER UNIVERSITAIRE DE ROUEN, FR
[85] 2015-03-17
[86] 2013-09-18 (PCT/EP2013/069395)
[87] (WO2014/044718)
[30] FR (1258756) 2012-09-18
[30] FR (1350577) 2013-01-23

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[13] C
[51] **Int.Cl. A61K 31/5365 (2006.01) A61K 31/473 (2006.01) A61K 31/513 (2006.01) A61K 31/52 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL ANTIRETROVIRAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE ANTIRETROVIRALE**
[72] MALHOTRA, GEENA, IN
[72] PURANDARE, SHRINIVAS, IN
[73] CIPLA LIMITED, IN
[85] 2015-03-23
[86] 2013-10-23 (PCT/GB2013/000453)
[87] (WO2014/064409)
[30] IN (3093/MUM/2012) 2012-10-23

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[13] C
[51] **Int.Cl. C07D 213/79 (2006.01) A61K 31/44 (2006.01)**
[25] EN
[54] **SUBSTITUED PYRIDINE DERIVATIVES AND COMPOSITIONS THEREOF USEFUL AS INHIBITORS OF HISTONE DEMETHYLASES**
[54] **DERIVES DE PYRIDINE SUBSTITUES ET LEURS COMPOSITIONS UTILES COMME INHIBITEURS D'HISTONE DEMETHYLASES**
[72] LABELLE, MARC, US
[72] BOESEN, THOMAS, DK
[72] MEHROTRA, MUKUND, CA
[72] KHAN, QASIM, CA
[72] ULLAH, FARMAN, CA
[73] GILEAD SCIENCES, INC., US
[85] 2015-03-23
[86] 2013-10-01 (PCT/EP2013/070457)
[87] (WO2014/053491)
[30] DK (PA 2012 00599) 2012-10-02
[30] US (61/708,806) 2012-10-02
[30] DK (PA 2013 70112) 2013-02-27
[30] US (61/770,050) 2013-02-27

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[13] C
[51] **Int.Cl. A61K 31/59 (2006.01) A61K 9/00 (2006.01) A61K 47/24 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **TOPICAL VITAMIN D ORAL SUPPLEMENT COMPOSITIONS**
[54] **COMPOSITIONS TOPIQUES DE COMPLEMENT ORAL DE VITAMINE D**
[72] MCHALE, WILLIAM A., US
[72] BROWN, DALE G., US
[73] PREMIER DENTAL PRODUCTS COMPANY, US
[85] 2015-03-25
[86] 2013-10-10 (PCT/US2013/064358)
[87] (WO2014/059157)
[30] US (13/650,963) 2012-10-12

[11] **2,886,608**
[13] C
[51] **Int.Cl. C12M 1/42 (2006.01) B01D 61/42 (2006.01) C02F 1/461 (2006.01) C02F 1/463 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR HARVESTING AND DEWATERING OF MICROALGAE BIOMASS**
[54] **APPAREIL ET PROCEDE DE RECOLTE ET DE DESHYDRATATION DE BIOMASSE DE MICROALGUES**
[72] LAROUSSI, MOHAMED, CA
[72] BEN SALAH, IHSEN, CA
[72] FILION, MATHIEU, CA
[72] BERRAK, ABDERRAZAK, CA
[73] E2METRIX INC., CA
[85] 2015-03-30
[86] 2013-09-30 (PCT/CA2013/000828)
[87] (WO2014/047726)
[30] US (61/706,917) 2012-09-28

[11] **2,887,489**
[13] C
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 9/107 (2006.01) A61K 31/09 (2006.01) A61K 31/59 (2006.01) A61K 36/28 (2006.01) A61P 1/02 (2006.01) A61P 3/02 (2006.01)**
[25] EN
[54] **TOPICAL VITAMIN D AND UBIQUINOL ORAL SUPPLEMENT COMPOSITIONS**
[54] **COMPOSITIONS TOPIQUES DE COMPLEMENT ORAL A BASE DE VITAMINE D ET D'UBIQUINOL**
[72] MCHALE, WILLIAM A., US
[72] BROWN, DALE G., US
[73] PREMIER DENTAL PRODUCTS COMPANY, US
[85] 2015-04-07
[86] 2013-10-10 (PCT/US2013/064336)
[87] (WO2014/059143)
[30] US (13/650,991) 2012-10-12

[11] **2,889,420**
[13] C
[51] **Int.Cl. B65B 11/02 (2006.01) B65B 11/04 (2006.01)**
[25] EN
[54] **EFFECTIVE CIRCUMFERENCE-BASED WRAPPING**
[54] **ENVELOPPEMENT BASE SUR UNE CIRCONFERENCE EFFECTIVE**
[72] LANCASTER, PATRICK R., III, US
[72] MITCHELL, MICHAEL P., US
[72] MCCRAY, JEREMY D., US
[72] JOHNSON, RICHARD L., US
[73] LANTECH.COM, LLC, US
[85] 2015-04-24
[86] 2013-10-25 (PCT/US2013/066823)
[87] (WO2014/066766)
[30] US (61/718,433) 2012-10-25
[30] US (61/718,429) 2012-10-25
[30] US (14/062,930) 2013-10-25

[11] **2,889,574**
[13] C
[51] **Int.Cl. B03B 5/00 (2006.01) C22B 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTING HEAVY METALS FROM HARD ROCK AND ALLUVIAL ORE**
[54] **PROCEDE POUR EXTRAIRE DES METAUX LOURDS A PARTIR DE ROCHE DURE ET DE MINERAIS ALLUVIONNAIRES**
[72] BROSSEUK, RAYMOND, CA
[73] BROSSEUK, RAYMOND, CA
[85] 2015-04-24
[86] 2013-10-25 (PCT/US2013/066981)
[87] (WO2014/066863)
[30] US (13/662,383) 2012-10-26

[11] **2,890,321**
[13] C
[51] **Int.Cl. G06Q 20/36 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD TO PROCESS TRANSACTIONS AT RETAIL FUELING FACILITIES**
[54] **SYSTEME ET PROCEDE PERMETTANT DE TRAITER DES TRANSACTIONS AU NIVEAU D'INSTALLATIONS DE RAVITAILLEMENT EN CARBURANT AU DETAIL**
[72] BREWER, JAMES MATTHEW, US
[72] MCBRAYER, STEPHEN, US
[72] MORRIS, JOHN JOSEPH, US
[72] NEGLEY, SCOTT, US
[72] WESTON, TIMOTHY MARTIN, US
[72] DE LA PORT, PAUL, US
[73] WAYNE FUELING SYSTEMS LLC, US
[85] 2015-01-14
[86] 2013-07-19 (PCT/US2013/051363)
[87] (WO2014/015294)
[30] US (61/674,009) 2012-07-20
[30] US (61/711,093) 2012-10-08
[30] US (13/853,387) 2013-03-29

[11] **2,890,356**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **AMINO-SUBSTITUTED IMIDAZO[1,2-A]PYRIDINECARBOXAMIDES AND THEIR USE**
[54] **IMIDAZO[1,2-A]PYRIDINCARBOXAMIDES AMINO-SUBSTITUES ET LEUR UTILISATION**
[72] VAKALOPOULOS, ALEXANDROS, DE
[72] FOLLMANN, MARKUS, DE
[72] HARTUNG, INGO, DE
[72] BUCHGRABER, PHILIPP, DE
[72] JAUTELAT, ROLF, DE
[72] HASSFELD, JORMA, DE
[72] LINDNER, NIELS, DE
[72] GROMOV, ALEXEY, DE
[72] WUNDER, FRANK, DE
[72] STASCH, JOHANNES-PETER, DE
[72] REDLICH, GORDEN, DE
[72] LI, VOLKHART MIN-JIAN, DE
[72] BECKER-PELSTER, EVA MARIA, DE
[72] KNORR, ANDREAS, DE
[73] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2015-05-01
[86] 2013-11-04 (PCT/EP2013/072891)
[87] (WO2014/068099)
[30] EP (12191201.8) 2012-11-05
[30] US (13/789,655) 2013-03-07
[30] EP (13178248.4) 2013-07-26

[11] **2,890,713**
[13] C
[51] **Int.Cl. G16H 20/10 (2018.01) A61J 7/00 (2006.01) G07F 11/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FILLING AND DISPENSING ORDERS**
[54] **SYSTEME ET PROCEDE D'EXECUTION ET DE DISTRIBUTION D'ORDONNANCES**
[72] HOLMES, WILLIAM K., US
[73] RXSAFE LLC, US
[85] 2015-05-05
[86] 2013-10-01 (PCT/US2013/062866)
[87] (WO2014/055519)
[30] US (61/708,935) 2012-10-02
[30] US (13/804,818) 2013-03-14
[30] US (13/963,837) 2013-08-09

[11] **2,890,916**
[13] C
[51] **Int.Cl. B21B 1/22 (2006.01) B21B 1/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR IMPARTING SELECTED TOPOGRAPHIES TO ALUMINUM SHEET METAL AND APPLICATIONS THERE FOR**
[54] **APPAREIL ET PROCEDE DE COMMUNICATION DE TOPOGRAPHIES SELECTIONNEES A UN METAL EN FEUILLE D'ALUMINIUM ET APPLICATIONS POUR CEUX-CI**
[72] SHEU, SHEN, US
[72] WISE, JULIE A., US
[72] KASUN, TOM J., US
[72] WHITTLE, NEVILLE C., US
[72] EPP, JUNE M., US
[72] COLEMAN, DAVID E., US
[72] PANSERI, NORMAN J., US
[72] MARCILLA GOMIS, SALVADOR A., ES
[72] STEWART, PATRICIA A., US
[72] ARMIGLIATO, ANTONIO, IT
[72] IOVANE, MARCO, IT
[73] ACR II ALUMINIUM GROUP COOPERATIEF U.A., NL
[85] 2015-05-08
[86] 2013-11-08 (PCT/US2013/069188)
[87] (WO2014/074844)
[30] US (13/673,468) 2012-11-09
[30] US (13/892,028) 2013-05-10

[11] **2,891,598**
[13] C
[51] **Int.Cl. H05K 7/14 (2006.01) H02B 13/025 (2006.01)**
[25] EN
[54] **ARC FAULT PATH FOR MITIGATION OF ARC FAULT IN POWER SUPPLY ENCLOSURE**
[54] **TRAJECTOIRE DE DEFAUT D'ARC POUR ATTENUATION DE DEFAUT D'ARC DANS UNE ENCEINTE D'ALIMENTATION**
[72] FARR, JEFFREY S., US
[72] WISSNER, KEVIN D., US
[72] NOVACK, EDWARD A., US
[72] THOMPSON, GRAHAM M., US
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-05-04
[86] 2013-11-06 (PCT/US2013/068673)
[87] (WO2014/074570)
[30] US (61/722,974) 2012-11-06

[11] **2,891,879**
[13] C
[51] **Int.Cl. H01R 4/00 (2006.01) A47C 1/12 (2006.01) A47C 7/62 (2006.01) B60N 3/00 (2006.01) B60R 16/00 (2006.01) B64D 11/06 (2006.01) B64D 41/00 (2006.01) H01R 4/20 (2006.01) H01R 25/16 (2006.01) H02J 1/00 (2006.01) H02J 3/00 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **BRANCHED ELECTRICAL SYSTEM**
[54] **RESEAU ELECTRIQUE RAMIFIE**
[72] BYRNE, NORMAN R., US
[72] BYRNE, DANIEL P., US
[72] WARWICK, TIMOTHY J., US
[72] PETERSEN, THOMAS A., US
[72] PATE, RANDELL E., US
[73] BYRNE, NORMAN R., US
[86] (2891879)
[87] (2891879)
[22] 2015-05-15
[30] US (62/000,427) 2014-05-19
[30] US (62/120,474) 2015-02-25

[11] **2,893,962**
[13] C
[51] **Int.Cl. C12N 5/078 (2010.01) A61K 35/14 (2015.01) A61K 35/26 (2015.01) A61P 37/06 (2006.01)**
[25] EN
[54] **THERAPEUTIC APOPTOTIC CELL PREPARATIONS, METHOD FOR PRODUCING SAME AND USES THEREOF**
[54] **PREPARATIONS DE CELLULES APOPTOTIQUES THERAPEUTIQUES, METHODE DE PRODUCTION ET UTILISATIONS ASSOCIEES**
[72] MEVORACH, DROR, IL
[72] REINER, INNA, IL
[73] ENLIVEX THERAPEUTICS LTD, IL
[85] 2015-06-05
[86] 2013-12-05 (PCT/IL2013/051001)
[87] (WO2014/087408)
[30] US (61/733,936) 2012-12-06
[30] US (61/778,497) 2013-03-13
[30] US (61/872,884) 2013-09-03

[11] **2,894,134**
[13] C
[51] **Int.Cl. A61K 39/12 (2006.01) C07K 14/005 (2006.01)**
[25] EN
[54] **DENGUE VIRUS VACCINE COMPOSITION**
[54] **COMPOSITION VACCINALE CONTRE LE VIRUS DE LA DENGUE**
[72] HERMIDA CRUZ, LISSET, CU
[72] GIL GONZALEZ, LAZARO, CU
[72] IZQUIERDO OLIVA, ALIENYS, CU
[72] MARCOS LOPEZ, ERNESTO, CU
[72] SUZARTE PORTAL, EDITH, CU
[72] GUILLEN NIETO, GERARDO ENRIQUE, CU
[72] GUZMAN TIRADO, MARIA GUADALUPE, CU
[72] VALDES PRADO, IRIS, CU
[72] LAZO VAZQUEZ, LAURA, CU
[72] GARCIA ARECHAVALETA, ANGELICA DE LA CARIDAD, CU
[72] ALVAREZ VERA, MAYLING, CU
[72] CASTRO VELAZCO, JORGE, CU
[72] LOPEZ FERNANDEZ, LAZARO, CU
[72] RAMIREZ BARTUTIS, ROSA LISET, CU
[72] PEREZ FUENTES, YUSLEIDI DE LA CARIDAD, CU
[72] PEREZ, GUEVARA, OLGA LIDIA, CU
[72] ROMERO FERNANDEZ, YAREMY, CU
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECHNOLOGIA, CU
[85] 2015-06-04
[86] 2013-12-16 (PCT/CU2013/000008)
[87] (WO2014/101903)
[30] CU (2012-0179) 2012-12-27

[11] **2,894,209**
[13] C
[51] **Int.Cl. C08G 81/02 (2006.01) H01M 10/052 (2010.01) H01M 10/0565 (2010.01) C08F 214/22 (2006.01) C08F 214/24 (2006.01) C08J 5/18 (2006.01) C08L 27/16 (2006.01) C08L 71/02 (2006.01)**
[25] EN
[54] **DENSE FLUOROPOLYMER FILM**
[54] **FILM DE FLUOROPOLYMERE DENSE**
[72] ABUSLEME, JULIO A., IT
[72] HAMON, CHRISTINE, IT
[72] CANIL, GIORGIO, IT
[72] MIRENDA, MARCO, IT
[73] SOLVAY SPECIALTY POLYMERS ITALY S.P.A., IT
[85] 2015-06-08
[86] 2013-12-17 (PCT/EP2013/076958)
[87] (WO2014/095907)
[30] EP (12199062.6) 2012-12-21

[11] **2,894,223**
[13] C
[51] **Int.Cl. A61K 39/145 (2006.01) A61K 9/06 (2006.01) A61K 9/72 (2006.01) A61K 47/32 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **NASAL INFLUENZA VACCINE COMPOSITION**
[54] **COMPOSITION DE VACCIN CONTRE LA GRIPPE POUR ADMINISTRATION PAR VOIE NASALE**
[72] HASEGAWA, HIDEKI, JP
[72] SUZUKI, TADAKI, JP
[72] AINAI, AKIRA, JP
[72] KAMISHITA, TAIZOU, JP
[72] MIYAZAKI, TAKASHI, JP
[73] JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF NATIONAL INSTITUTE OF INFECTIOUS DISEASES, JP
[73] TOKO YAKUHIN KOGYO KABUSHIKI KAISHA, JP
[85] 2015-06-08
[86] 2013-10-23 (PCT/JP2013/078721)
[87] (WO2014/103488)
[30] JP (2012-287900) 2012-12-28

[11] **2,894,242**
[13] C
[51] **Int.Cl. C10M 145/14 (2006.01) C10L 1/197 (2006.01) C10L 1/236 (2006.01)**
[25] EN
[54] **OLEFIN-ACRYLATE POLYMERS IN REFINERY AND OILFIELD APPLICATIONS**
[54] **POLYMERES OLEFINE-ACRYLATE DANS DES APPLICATIONS DE RAFFINERIE ET DE CHAMP PETROLIER**
[72] MASTRANGELO, ANTONIO, GB
[72] SMITH, TIMOTHY R., GB
[72] KOLP, CHRISTOPHER J., US
[72] JOHNSON, JOHN R., US
[73] THE LUBRIZOL CORPORATION, US
[85] 2015-06-05
[86] 2013-12-04 (PCT/US2013/072946)
[87] (WO2014/093067)
[30] US (61/735,240) 2012-12-10

[11] **2,894,832**
[13] C
[51] **Int.Cl. F16L 25/14 (2006.01) F16L 21/06 (2006.01)**
[25] EN
[54] **JOINTED BRIDGE FOR CLAMP ASSEMBLY**
[54] **PONT JOINTE POUR ENSEMBLE DE SERRAGE**
[72] ARTSIELY, EYAL, IL
[72] CHIPROOT, AVI, IL
[73] KRAUSZ INDUSTRIES LTD., IL
[85] 2015-06-11
[86] 2013-12-11 (PCT/US2013/074222)
[87] (WO2014/099504)
[30] US (13/716,249) 2012-12-17

[11] **2,894,958**
[13] C
[51] **Int.Cl. B01J 19/00 (2006.01) B01J 8/00 (2006.01)**
[25] EN
[54] **METHOD FOR PERFORMING ENDOTHERMIC PROCESSES**
[54] **PROCEDE DE MISE EN □UVRE DE PROCESSUS CONSOMMANT DE LA CHALEUR**
[72] MACHHAMMER, OTTO, DE
[72] HORMUTH, WOLFGANG ALOIS, DE
[72] SCHNEIDER, CHRISTIAN, DE
[72] BODE, ANDREAS, DE
[72] GOEKE, VOLKER, DE
[72] MAASS, HANS-JUERGEN, DE
[72] KERN, MATTHIAS, DE
[72] KLINGLER, DIRK, DE
[72] KONIG, RENE, DE
[72] BRUGGEMANN, PHILIPP, DE
[72] BERNNAT, JENS, DE
[72] KOLIOS, GRIGORIOS, DE
[73] BASF SE, DE
[73] LINDE AG, DE
[85] 2015-06-12
[86] 2013-12-12 (PCT/EP2013/076302)
[87] (WO2014/090914)
[30] DE (10 2012 024 387.1) 2012-12-13
[30] EP (12197739.1) 2012-12-18

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[13] C
[51] **Int.Cl. A61K 36/54 (2006.01) A61K 35/60 (2006.01) A61K 36/062 (2006.01) A61K 36/15 (2006.01) A61K 36/288 (2006.01) A61K 36/82 (2006.01) A61P 3/00 (2006.01) A61P 3/06 (2006.01) A61P 9/00 (2006.01) A61P 19/00 (2006.01)**
[25] EN
[54] **MEDICAL FORMULATION FOR TREATING HYPERCHOLESTEROLEMIA**
[54] **PREPARATION MEDICALE DESTINEE A TRAITER L'HYPERCHOLESTEROLEMIE**
[72] TAAL, LEENDERT, NL
[72] TAAL-VLAS, ANITA MONIQUE, NL
[73] TAAL-VLAS, ANITA MONIQUE, NL
[85] 2015-06-12
[86] 2013-12-24 (PCT/NL2013/050951)
[87] (WO2014/104884)
[30] NL (2010065) 2012-12-27

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[13] C
[51] **Int.Cl. C12N 5/0784 (2010.01) C12N 5/0786 (2010.01)**
[25] EN
[54] **CO-DIFFERENTIATION OF MONOCYTES FROM ALLOGENEIC DONORS**
[54] **CO-DIFFERENCIATION DE MONOCYTES DE DONNEURS ALLOGENIQUES**
[72] KARLSSON-PARRA, ALEX, SE
[72] ANDERSSON, BENGT, SE
[73] IMMUNICUM AB, SE
[85] 2015-06-16
[86] 2013-12-18 (PCT/EP2013/077139)
[87] (WO2014/096033)
[30] EP (12197687.2) 2012-12-18

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[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 31/65 (2006.01)**
[25] EN
[54] **TETRACYCLINE TOPICAL FORMULATIONS, PREPARATION AND USES THEREOF**
[54] **FORMULATIONS TOPIQUES DE TETRACYCLINE, PREPARATION ET UTILISATIONS ASSOCIEES**
[72] SALMAN, MOHAMMAD, US
[72] ANGEL, ARTURO, US
[72] SWAMINATHAN, VIJAYA, US
[73] HOVIONE SCIENTIA LIMITED, IE
[85] 2015-05-22
[86] 2013-11-08 (PCT/GB2013/052939)
[87] (WO2014/083311)
[30] PT (106679) 2012-11-27

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[13] C
[51] **Int.Cl. H05B 47/185 (2020.01) H05B 45/10 (2020.01)**
[25] EN
[54] **POWERLINE COMMUNICATION CONTROL OF LIGHT EMITTING DIODE (LED) LIGHTING FIXTURES**
[54] **COMMANDE DE COMMUTATION DE LIGNE D'ALIMENTATION D'APPAREILS D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES (DEL)**
[72] CAMPBELL, GREGORY, US
[73] LUMENPULSE GROUP INC./GROUPE LUMENPULSE INC., CA
[85] 2015-06-18
[86] 2012-12-12 (PCT/US2012/069321)
[87] (WO2013/096063)
[30] US (13/336,299) 2011-12-23

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[13] C
[51] **Int.Cl. A61K 8/36 (2006.01) A61K 8/73 (2006.01) A61K 8/81 (2006.01) A61K 8/90 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **A HIGH SPF SUNSCREEN COMPOSITION COMPRISING POLYVINYL ALCOHOL AND FATTY ACIDS**
[54] **COMPOSITION D'ECRAN SOLAIRE A FACTEUR DE PROTECTION SOLAIRE ELEVE COMPRENANT DE L'ALCOOL POLYVINYLIQUE ET DES ACIDES GRAS**
[72] KUNJUPILLAI, BALU, IN
[72] PERUMAL, RAJKUMAR, IN
[72] RASTOGI, ABHISHEK, IN
[73] UNILEVER PLC, GB
[85] 2015-06-25
[86] 2013-12-06 (PCT/EP2013/075836)
[87] (WO2014/102050)
[30] EP (12199401.6) 2012-12-27

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[13] C
[51] **Int.Cl. C07D 317/38 (2006.01) C08G 18/10 (2006.01)**
[25] EN
[54] **2-OXO-1,3-DIOXOLANE-4-CARBOXAMIDE BUILDING BLOCKS, THEIR PREPARATION AND USE**
[54] **ELEMENTS CONSTITUTIFS DE TYPE 2-OXO-1,3-DIOXOLANE-4-CARBOXAMIDE, LEUR PREPARATION ET UTILISATION**
[72] WOLFLE, HEIMO, DE
[72] WALTHER, BURKHARD, DE
[72] PUTZIEN, SOPHIE, DE
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2015-06-29
[86] 2014-01-30 (PCT/EP2014/051784)
[87] (WO2014/118268)
[30] EP (13153383.8) 2013-01-31

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[13] C
[51] **Int.Cl. C09D 143/02 (2006.01) C08K 3/22 (2006.01) C09D 131/04 (2006.01)**
[25] EN
[54] **COATINGS COMPOSITION WITH PIGMENT AND ADSORBING VINYL ACETATE BINDERS**
[54] **COMPOSITION DE REVETEMENTS AVEC PIGMENT ET LIANTS D'ADSORPTION D'ACETATE DE VINYLE**
[72] BOHLING, JAMES CHARLES, US
[72] FINEGAN, CATHERINE ANN, US
[72] KILLIAN, ERICKA, US
[72] NUNGESSER, EDWIN HUGH, US
[72] WILLS, MORRIS, US
[73] ROHM AND HAAS COMPANY, US
[85] 2015-06-29
[86] 2014-01-15 (PCT/US2014/011568)
[87] (WO2014/113411)
[30] US (61/753,236) 2013-01-16

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[13] C
[51] **Int.Cl. A23L 5/10 (2016.01) A23L 5/30 (2016.01)**
[25] EN
[54] **FOOD MASS SUITABLE FOR MICROWAVING**
[54] **PREPARATION ALIMENTAIRE ADAPTEE AUX MICRO-ONDES**
[72] KRONING, CHRISTIAN, DE
[72] LEMKE, ANDRE, DE
[73] CHEMISCHE FABRIK BUDENHEIM KG, DE
[85] 2015-07-07
[86] 2014-01-15 (PCT/EP2014/050662)
[87] (WO2014/111402)
[30] DE (10 2013 100 584.5) 2013-01-21

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[13] C
[51] **Int.Cl. C07J 71/00 (2006.01)**
[25] EN
[54] **PREPARATIONS OF HYDROPHOBIC THERAPEUTIC AGENTS, METHODS OF MANUFACTURE AND USE THEREOF**
[54] **PREPARATIONS D'AGENTS THERAPEUTIQUES HYDROPHOBES, LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] BARMAN, SHIKHA P., US
[72] THEKKEDATH, RITESH VASUDEVAN, US
[72] BARMAN, KOUSHIK, US
[72] CAVANAGH, THOMAS, US
[72] HAO, TIAN, US
[72] LELAND, THOMAS BOVARD, US
[73] NICOX OPHTHALMICS, INC., US
[85] 2015-07-03
[86] 2013-11-13 (PCT/US2013/069920)
[87] (WO2014/107231)
[30] US (13/735,973) 2013-01-07
[30] US (61/763,770) 2013-02-12
[30] US (61/788,519) 2013-03-15
[30] US (PCT/US13/39694) 2013-05-06

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[13] C
[51] **Int.Cl. G01N 23/223 (2006.01) G01B 15/02 (2006.01)**
[25] EN
[54] **OPTICAL MIRROR, X-RAY FLUORESCENCE ANALYSIS DEVICE AND METHOD FOR X-RAY FLUORESCENCE ANALYSIS**
[54] **MIROIR OPTIQUE, APPAREIL D'ANALYSE PAR FLUORESCENCE X ET PROCEDE D'ANALYSE PAR FLUORESCENCE X**
[72] ROSSIGER, VOLKER, DE
[73] HELMUT FISCHER GMBH INSTITUT FUR ELEKTRONIK UND MESSTECHNIK, DE
[85] 2015-07-22
[86] 2014-02-27 (PCT/EP2014/053799)
[87] (WO2014/135429)
[30] DE (10 2013 102 270.7) 2013-03-07

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[13] C
[51] **Int.Cl. G01S 13/90 (2006.01)**
[25] EN
[54] **MULTIPLE-SWATH STRIPMAP SAR IMAGING**
[54] **IMAGERIE SAR DE CARTOGRAPHIE PAR BANDES A FAUCHEE MULTIPLE**
[72] CALABRESE, DIEGO, IT
[73] THALES ALENIA SPACE ITALIA S.P.A. CON UNICO SOCIO, IT
[85] 2015-07-30
[86] 2014-02-08 (PCT/IB2014/058873)
[87] (WO2014/122625)
[30] IT (TO2013A000108) 2013-02-08

[11] **2,900,268**
[13] C
[51] **Int.Cl. A61C 19/04 (2006.01) A61B 6/14 (2006.01)**
[25] EN
[54] **INTRA-ORAL SCANNING DEVICE WITH ILLUMINATION FRAMES INTERSPERSED WITH IMAGE FRAMES**
[54] **DISPOSITIF DE BALAYAGE INTRABUCCAL AVEC CADRES D'ECLAIRAGE INTERCALES AVEC DES CADRES D'IMAGE**
[72] TCHOUPRAKOV, ANDREI, US
[72] QUADLING, MARK, US
[72] QUADLING, HENLEY, US
[72] DUNCAN, ROD, US
[72] SOKOLOV, ROMAN, US
[72] LI, YE, US
[72] GHEORGHE, RADU, US
[73] D4D TECHNOLOGIES, LLC, US
[85] 2015-08-04
[86] 2014-02-04 (PCT/US2014/014691)
[87] (WO2014/121278)
[30] US (61/760,533) 2013-02-04
[30] US (14/172,544) 2014-02-04

[11] **2,900,273**
[13] C
[51] **Int.Cl. F04B 43/073 (2006.01) F15B 13/042 (2006.01)**
[25] EN
[54] **A VALVE FOR A DIAPHRAGM PUMP**
[54] **VANNE POUR POMPE A MEMBRANE**
[72] SANTA, DAVID LUIZ, AU
[73] JOE SANTA & ASSOCIATES PTY LIMITED, AU
[85] 2015-08-05
[86] 2014-02-20 (PCT/AU2014/000151)
[87] (WO2014/183149)
[30] AU (2013901693) 2013-05-14

[11] **2,900,416**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **ARTIFICIAL LIFTING SYSTEM WITH A PROGRESSIVE CAVITY MOTOR IN THE BACKGROUND, FOR OIL EXTRACTION**
[54] **SYSTEME DE REMONTEE ARTIFICIELLE A MOTEUR A CAVITES PROGRESSIVES POUR LE FOND UTILISE POUR L'EXTRACTION D'HYDROCARBURES**
[72] LADRON DE GUEVARA, ALEJANDRO, CO
[73] SERINPET LTDA. REPRESENTACIONES Y SERVICIOS DE PETROLEOS, CO
[85] 2015-08-06
[86] 2013-12-24 (PCT/IB2013/061306)
[87] (WO2014/102717)
[30] CO (12233506) 2012-12-26

[11] **2,900,763**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/438 (2006.01) A61K 31/4439 (2006.01) A61K 31/496 (2006.01) A61K 38/06 (2006.01) A61P 1/04 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF HELICOBACTER PYLORI**
[54] **COMPOSITIONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT D'HELICOBACTER PYLORI**
[72] FATHI, REZA, US
[72] RADAY, GILEAD, US
[72] GOLDBERG, GUY, IL
[72] GOSSELIN, PATRICK, CA
[73] REDHILL BIOPHARMA LTD., IL
[85] 2015-08-07
[86] 2014-02-12 (PCT/US2014/016071)
[87] (WO2014/127025)
[30] US (61/764,385) 2013-02-13
[30] US (61/764,401) 2013-02-13

[11] **2,900,948**
[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **COST-MINIMIZING TASK SCHEDULER**
[54] **PLANIFICATEUR DE TACHES A MOINDRE COUT**
[72] SHIH, KATHRYN MARIE, US
[72] CHRISTOFFERSON, CARL LOUIS, US
[72] COLE, RICHARD JEFFREY, US
[72] SIROTA, PETER, US
[72] AGGARWAL, VAIBHAV, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-08-11
[86] 2014-02-11 (PCT/US2014/015837)
[87] (WO2014/124448)
[30] US (13/764,692) 2013-02-11

[11] **2,902,461**
[13] C
[51] **Int.Cl. B64D 31/06 (2006.01) B60K 6/20 (2007.10) B60W 20/10 (2016.01) B64D 27/24 (2006.01) B64D 35/00 (2006.01) B64D 35/02 (2006.01) F01D 7/02 (2006.01) F01D 21/00 (2006.01) F02C 7/32 (2006.01) F02C 9/20 (2006.01) F02K 1/18 (2006.01)**
[25] EN
[54] **HYBRID TURBO ELECTRIC AERO-PROPULSION SYSTEM CONTROL**
[54] **COMMANDE DE SYSTEME DE PROPULSION AERONAUTIQUE HYBRIDE TURBO-ELECTRIQUE**
[72] RAJASHEKARA, KAUSHIK, US
[72] ROSS, CHRISTINE A. H., US
[72] ARMSTRONG, MICHAEL, US
[72] BLACKWELDER, MARK, US
[73] ROLLS-ROYCE CORPORATION, US
[73] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[85] 2015-08-24
[86] 2013-11-20 (PCT/US2013/070922)
[87] (WO2014/158240)
[30] US (61/783,621) 2013-03-14

[11] **2,902,806**
[13] C
[51] **Int.Cl. H04L 25/03 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **MULTI-STAGE EQUALISATION METHOD AND APPARATUS FOR USE IN TELEMETRY**
[54] **APPAREIL ET PROCEDE D'EGALISATION EN PLUSIEURS ETAPES, DESTINES A LA TELEMETRIE**
[72] THURSBY, JONATHAN, GB
[72] EADALA, SUMANTH, GB
[72] RUDD, JONATHAN BRIAN, GB
[73] E.V. OFFSHORE LIMITED, GB
[85] 2015-08-27
[86] 2014-02-28 (PCT/IB2014/059346)
[87] (WO2014/132241)
[30] GB (1303624.9) 2013-02-28

[11] **2,902,873**
[13] C
[51] **Int.Cl. G06F 3/06 (2006.01)**
[25] EN
[54] **MANAGING OPERATIONS ON STORED DATA UNITS**
[54] **GESTION D'OPERATIONS SUR DES UNITES DE DONNEES STOCKEES**
[72] VISHNIAC, EPHRAIM MERIWETHER, US
[72] SCHMIDT, STEPHEN J., US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2015-08-26
[86] 2014-02-18 (PCT/US2014/016858)
[87] (WO2014/137587)
[30] US (13/787,203) 2013-03-06

[11] **2,903,145**
[13] C
[51] **Int.Cl. C02F 3/34 (2006.01) B09B 3/00 (2006.01) B09C 1/10 (2006.01) C02F 3/28 (2006.01) C12N 1/20 (2006.01) H01M 4/04 (2006.01) H01M 4/36 (2006.01) H01M 4/86 (2006.01) H01M 8/16 (2006.01) A01C 3/00 (2006.01) C02F 1/46 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR THE BIOELECTROCHEMICAL TREATMENT OF ORGANIC EFFLUENTS**
[54] **METHODE ET SYSTEME DE TRAITEMENT BIOELECTROCHIMIQUE D'EFFLUENTS ORGANIQUES**
[72] MARTIN, DANIEL-YVES, CA
[72] DUBE, PATRICK, CA
[72] HOGUE, RICHARD, CA
[72] JEANNE, THOMAS, CA
[73] INSTITUT DE RECHERCHE ET DE DEVELOPPEMENT EN AGROENVIRONNEMENT INC., CA
[85] 2015-05-14
[86] 2012-11-14 (PCT/CA2012/001036)
[87] (WO2013/071401)
[30] US (61/559,942) 2011-11-15

[11] **2,903,335**
[13] C
[51] **Int.Cl. C08L 27/06 (2006.01) C08K 3/26 (2006.01) C08K 3/34 (2006.01) C08K 5/101 (2006.01) C08K 5/1515 (2006.01) C08K 11/00 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **SYNERGISTIC BLENDS OF CALCIUM CARBONATE AND CALCINED CLAY**
[54] **MELANGES SYNERGIQUES DE CARBONATE DE CALCIUM ET D'ARGILE CALCINEE**
[72] LEE, DAY-CHYUAN, US
[72] CHAUDHARY, BHARAT I., US
[72] NEESE, BRET P., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-09-01
[86] 2014-02-25 (PCT/US2014/018299)
[87] (WO2014/163871)
[30] US (61/776,441) 2013-03-11

[11] **2,903,390**
[13] C
[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/40 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **SHOULDER PROSTHESIS WITH VARIABLE INCLINATION HUMERAL HEAD COMPONENT**
[54] **PROTHESE D'EPAULE AVEC UN COMPOSANT DE TETE HUMERALE A INCLINAISON VARIABLE**
[72] SPERLING, JOHN W., US
[72] TREAT, AARON C., US
[72] KLINE, BRUCE R., US
[73] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2015-09-01
[86] 2014-03-04 (PCT/US2014/020308)
[87] (WO2014/138061)
[30] US (61/774,969) 2013-03-08

[11] **2,903,917**
[13] C
[51] **Int.Cl. B32B 5/16 (2006.01) B32B 5/22 (2006.01) B32B 5/26 (2006.01) B32B 5/28 (2006.01) B32B 7/12 (2006.01) B32B 21/02 (2006.01) B32B 21/04 (2006.01) B32B 21/08 (2006.01) B32B 21/10 (2006.01) B32B 27/04 (2006.01) B32B 27/12 (2006.01) B32B 27/28 (2006.01) B32B 27/42 (2006.01) E04F 13/16 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN AT LEAST TWO-LAYERED BOARD, AND AN AT LEAST TWO-LAYERED BOARD**
[54] **PROCEDE SERVANT A FABRIQUER UNE PLAQUE COMPRENANT AU MOINS DEUX COUCHES ET PLAQUE COMPRENANT AU MOINS DEUX COUCHES**
[72] THOLE, VOLKER, DE
[72] SCHIRP, ARNE, DE
[72] HENNIGER, RAINER, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-09-03
[86] 2014-03-03 (PCT/EP2014/000535)
[87] (WO2014/135260)
[30] DE (10 2013 003 947.9) 2013-03-07

[11] **2,903,988**
[13] C
[51] **Int.Cl. C10L 1/02 (2006.01) C10G 3/00 (2006.01) C11C 3/00 (2006.01)**
[25] EN
[54] **RENEWABLE HYDROCARBON COMPOSITION**
[54] **COMPOSITION D'HYDROCARBURE RENOUVELABLE**
[72] LINDBERG, TEEMU, FI
[72] NOUSIAINEN, JAAKKO, FI
[72] LAUMOLA, HELI, FI
[72] RISSANEN, ARTO, FI
[73] UPM-KYMMENE CORPORATION, FI
[85] 2015-09-03
[86] 2014-03-20 (PCT/EP2014/055630)
[87] (WO2014/161724)
[30] FI (20135309) 2013-04-02

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[13] C
[51] **Int.Cl. B41M 1/00 (2006.01) B41M 1/10 (2006.01) B41M 5/00 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DECORATIVE PRINTS HAVING IDENTICAL QUALITY ON MDF/HDF BOARDS**
[54] **PROCEDE DE PRODUCTION D'IMPRIMES DECORATIFS DE QUALITE IDENTIQUE SUR DESPANNEAUX A DENSITE MOYENNE (MDF) ET A HAUTE DENSITE (HDF)**
[72] LEHNHOFF, INGO, DE
[73] FLOORING TECHNOLOGIES LTD., MT
[85] 2015-09-04
[86] 2014-03-14 (PCT/EP2014/055071)
[87] (WO2014/140252)
[30] EP (13159174.5) 2013-03-14

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[13] C
[51] **Int.Cl. A61K 31/5377 (2006.01) A61K 31/4015 (2006.01) A61K 31/404 (2006.01) A61K 31/415 (2006.01) A61K 31/4178 (2006.01) A61K 31/4196 (2006.01) A61K 31/42 (2006.01) A61K 31/426 (2006.01) A61K 31/433 (2006.01) A61K 31/4545 (2006.01) A61P 3/06 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **ANTI-PROPROTEIN CONVERTASE SUBTILISIN KEXIN TYPE 9 (ANTI-PCSK9) COMPOUNDS AND METHODS OF USING THE SAME IN THE TREATMENT AND/OR PREVENTION OF CARDIOVASCULAR DISEASES**
[54] **COMPOSES ANTI-PROPROTEINE CONVERTASE SUBTILISINE KEXINE DE TYPE 9 (ANTI-PCSK9) ET METHODES D'UTILISATION DE CES COMPOSES DANS LE TRAITEMENT ET/OU LA PREVENTION DE MALADIES CARDIO- VASCULAIRES**
[72] ABDEL-MEGUID, SHERIN SALAHELDIN, US
[72] ELSHOURBAGY, NABIL, US
[72] MEYERS, HAROLD, US
[72] MOUSA, SHAKER A., US
[73] SHIFA BIOMEDICAL CORPORATION, US
[85] 2015-09-08
[86] 2014-03-11 (PCT/US2014/022957)
[87] (WO2014/150326)
[30] US (61/788,061) 2013-03-15

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[13] C
[51] **Int.Cl. A61B 17/17 (2006.01)**
[25] EN
[54] **PATIENT-SPECIFIC GLENOID GUIDE WITH A REUSABLE GUIDE HOLDER**
[54] **GUIDE GLENOIDE SPECIFIQUE A UN PATIENT AVEC SUPPORT DE GUIDE REUTILISABLE**
[72] EASH, CHRISTOPHER, US
[73] BIOMET MANUFACTURING, LLC, US
[85] 2015-09-09
[86] 2014-03-07 (PCT/US2014/022000)
[87] (WO2014/164346)
[30] US (61/776,607) 2013-03-11
[30] US (13/889,869) 2013-05-08

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[11] **2,905,553**
[13] C
[51] **Int.Cl. A61K 9/28 (2006.01) A61K 31/4178 (2006.01) A61P 1/08 (2006.01)**
[25] EN
[54] **ANTIEMETIC EXTENDED RELEASE SOLID DOSAGE FORMS**
[54] **FORMES GALENIQUES SOLIDES ANTIEMETIQUES A LIBERATION PROLONGEE**
[72] FATHI, REZA, US
[72] RADAY, GILEAD, US
[73] REDHILL BIOPHARMA LTD., IL
[85] 2015-09-11
[86] 2014-03-14 (PCT/IB2014/001633)
[87] (WO2014/181195)
[30] US (61/782,395) 2013-03-14

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[13] C
[51] **Int.Cl. B23K 9/30 (2006.01) B23K 9/28 (2006.01)**
[25] EN
[54] **ELECTRODE HANDLE AND METHOD**
[54] **PORTE-ELECTRODE VENTILE VIBRANT**
[72] SCOTCHMER, NIGEL, CA
[73] HUYS INDUSTRIES LIMITED, CA
[85] 2015-09-11
[86] 2014-03-13 (PCT/CA2014/000219)
[87] (WO2014/138891)
[30] US (61/787,410) 2013-03-15

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[13] C
[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/36 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **AQUEOUS LUBRICANT COMPOSITION COMPRISING HYALURONIC ACID**
[54] **COMPOSITION DE LUBRIFIANT AQUEUX COMPRENANT DE L'ACIDE HYALURONIQUE**
[72] COJOCARIU, CRISTINA, US
[72] HARRISON, MICHAEL J., US
[72] WOODWARD, D. CRAIG, US
[72] BATSON, JUSTIN LEE, US
[72] BLUM, DENNIS R., US
[73] CHURCH & DWIGHT CO., INC., US
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/027014)
[87] (WO2014/152154)
[30] US (61/781,599) 2013-03-14

[11] **2,906,549**
[13] C
[51] **Int.Cl. B07C 5/34 (2006.01)**
[25] EN
[54] **HIGH-THROUGHPUT SORTING OF SMALL OBJECTS VIA OIL AND/OR MOISTURE CONTENT USING LOW-FIELD NUCLEAR MAGNETIC RESONANCE**
[54] **TRIAGE A HAUT DEBIT DE PETITS OBJETS GRACE A LA TENEUR EN HUILE/HUMIDITE A L'AIDE DE LA RESONANCE MAGNETIQUE NUCLEAIRE A BAS CHAMP**
[72] DAI, BIN, US
[72] MACISAAC, SUSAN, US
[72] DEPPERMANN, KEVIN, US
[72] EHRHARDT, MARK, US
[72] WHITE, BRAD D., US
[72] BROWN, WAYNE, US
[72] KRASUCKI, PAUL, US
[72] MCDONALD, JEMMI C., US
[73] MONSANTO TECHNOLOGY LLC, US
[85] 2015-09-14
[86] 2014-03-13 (PCT/US2014/025174)
[87] (WO2014/151183)
[30] US (61/791,411) 2013-03-15

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[13] C
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[54] **HIGH STRENGTH AND BIO-ABSORBABLE MAGNESIUM ALLOYS**
[54] **ALLIAGES DE MAGNESIUM HAUTE RESISTANCE ET BIOABSORBABLES**
[72] DECKER, RAYMOND, US
[72] LEBEAU, STEPHEN, US
[72] YOUNG, STEVEN, US
[73] THIXOMAT, INC., US
[85] 2015-09-14
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[25] EN
[54] **FECES SAMPLING AND DETECTING DEVICE AND METHOD FOR DETECTING FECES BASED ON THE DEVICE**
[54] **DISPOSITIF DE PRELEVEMENT ET DETECTION DE SELLES ET METHODE DE DETECTION DE SELLES FONDEE SUR LE DISPOSITIF**
[72] WAN, JOHN, CN
[72] YUAN, CHUNHUA, CN
[72] XIA, QINGHAI, CN
[73] W.H.P.M. BIORESEARCH AND TECHNOLOGY CO., LTD., CN
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[30] CN (201310097892.7) 2013-03-25

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[54] **ROLL FORMER**
[54] **FORMEUR A GALETS**
[72] KLINECT, CHARLES, US
[73] FAMOUS INDUSTRIES, INC. D/B/A HEATING & COOLING PRODUCTS COMPANY, US
[85] 2015-09-15
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[51] **Int.Cl. E21B 33/13 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PLUGGING A WELL AND USE OF EXPLOSIVE CHARGES IN PLUGGING WELLS**
[54] **PROCEDE ET SYSTEME POUR OBTURER UN PUITS ET UTILISATION DE CHARGE EXPLOSIVE DANS L'OBTURATION DE PUITS**
[72] MYHRE, MORTEN, NO
[72] LARSEN, ARNE GUNNAR, NO
[72] JENSEN, ROY INGE, NO
[72] ANDERSEN, PATRICK, NO
[72] ENGELSGJERD, ERLEND, NO
[72] IUELL, MARKUS, NO
[72] DAHL, ARNT OLAV, NO
[72] OSTVOLD, ARNOLD, NO
[73] HYDRA SYSTEMS AS, NO
[85] 2015-09-17
[86] 2014-03-12 (PCT/NO2014/050034)
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[25] EN
[54] **FLEXIBLE MEDICAL SUPPORTS**
[54] **SUPPORTS MEDICAUX SOUPLES**
[72] ANDERBERG, MIMMI, SE
[72] EKELIN, PER, SE
[72] JOHANSSON, MARCUS, SE
[72] RUBIN, MARIE, SE
[72] NILSSON, THOMAS, SE
[72] NILSSON, KAROLINA, SE
[73] ARJO IP HOLDING AKTIEBOLAG, SE
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[25] EN
[54] **THERAPEUTIC AGENT FOR OCULAR DISEASE**
[54] **AGENT THERAPEUTIQUE POUR TROUBLE OCULAIRE**
[72] OKUMURA, TAKAKO, JP
[72] KOIZUMI, SHINICHI, JP
[72] HARA, HIDEAKI, JP
[73] ASKAT INC., JP
[85] 2015-09-21
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[25] EN
[54] **CONCEALED HINGE FOR THE CONTROLLED ROTATABLE MOVEMENT OF A DOOR, IN PARTICULAR A REINFORCED DOOR**
[54] **CHARNIERE POUVANT ETRE CACHEE POUR LE MOUVEMENT DE ROTATION REGULE D'UNE PORTE, EN PARTICULIER D'UNE PORTE RENFORCEE**
[72] BACCHETTI, LUCIANO, IT
[73] IN & TEC S.R.L., IT
[85] 2015-09-28
[86] 2014-04-11 (PCT/IB2014/060661)
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[25] EN
[54] **NSAID ADMINISTRATION AND RELATED COMPOSITIONS, METHODS AND SYSTEMS**
[54] **ADMINISTRATION D'AINS, COMPOSITIONS, PROCEDES ET SYSTEMES ASSOCIES**
[72] VISCOMI, GIUSEPPE CLAUDIO, IT
[72] GRIMALDI, MARIA, IT
[72] FOGLI, MARIA VITTORIA, IT
[72] MAFFEI, PAOLA, IT
[72] RENZULLI, CECILIA, IT
[72] SFORZINI, ANNALISA, IT
[72] BLANDIZZI, CORRADO, IT
[72] SCARPIGNATO, CARMELO, IT
[73] ALFASIGMA S.P.A., IT
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[25] EN
[54] **PEPTIDE COMPOUNDS AND METHODS OF PRODUCTION AND USE THEREOF**
[54] **COMPOSES PEPTIDIQUES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] PEREIRA, H. ANNE, US
[72] KASUS-JACOBI, ANNE, US
[72] GRIFFITH, GINA L., US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US
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[25] EN
[54] **A METHOD OF MOVING A COMPONENT OR A MATERIAL TO AND WITHIN A LEVEL OF A SHAFT BORING SYSTEM**
[54] **PROCEDE DE DEPLACEMENT D'UN ELEMENT OU D'UN MATERIAU JUSQU'A ET E L'INTERIEUR D'UN NIVEAU D'UN SYSTEME DE FONCAGE DE PUITS**
[72] WEBB, ROCKY LYNN, CA
[72] DELABBIO, FREDRIC, AU
[73] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2015-10-05
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[25] EN
[54] **OLFACTORY RECEPTORS INVOLVED IN THE PERCEPTION OF SWEAT CARBOXYLIC ACIDS AND THE USE THEREOF**
[54] **RECEPTEURS OLFACTIFS IMPLIQUES DANS LA PERCEPTION D'ACIDES CARBOXYLIQUES DE SUEUR ET LEUR UTILISATION**
[72] CHATELAIN, PIERRE, BE
[72] VEITHEN, ALEX, BE
[73] CHEMCOM S.A., BE
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[25] FR
[54] **METHOD FOR MANUFACTURING AN ASYMMETRIC COMPONENT USING ADDITIVE MANUFACTURING**
[54] **PROCEDE DE FABRICATION DE PIECE DISSYMETRIQUE PAR FABRICATION ADDITIVE**
[72] BAUDIMONT, CYRILLE, FR
[73] SNECMA, FR
[85] 2015-10-07
[86] 2014-04-01 (PCT/FR2014/050779)
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[25] EN
[54] **A PHARMACEUTICAL COMPOSITION CONTAINING BUDESONIDE AND FORMOTEROL**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DU BUDESONIDE ET DU FORMOTEROL**
[72] CAPONETTI, GIOVANNI, IT
[72] MAGGI, LORETTA, IT
[72] SARDINA, MARCO, IT
[72] CASTEGINI, FRANCO, IT
[72] FAIELLA, GIANLUIGI, IT
[72] REBOLINI, DANIELA, IT
[73] ZAMBON S.P.A., IT
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[25] FR
[54] **METHOD AND SYSTEM FOR DISPLAYING THE EXTERNAL ENVIRONMENT OF AN AIRCRAFT, AND AIRCRAFT DOOR EQUIPPED WITH SUCH A SYSTEM**
[54] **PROCEDE ET SYSTEME DE VISUALISATION DE L'ENVIRONNEMENT EXTERNE D'UN AVION, AINSI QUE PORTE D'AVION EQUIPEE D'UN TEL SYSTEME**
[72] BESETTES, CYRILLE, FR
[72] GROUX, LAURENT, FR
[72] PERRIER, CHRISTOPHE, FR
[73] LATECOERE, FR
[85] 2015-10-09
[86] 2014-04-10 (PCT/EP2014/057223)
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[54] **HINGE**
[54] **CHARNIERE**
[72] STUART, MICHAEL CHRISTOPHER, AU
[73] POLARIS IP PTY LTD, AU
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[30] AU (2013901292) 2013-04-15

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[13] C
[51] **Int.Cl. A61F 2/54 (2006.01)**
[25] EN
[54] **ARTIFICIAL FINGER WITH ARTICULATING MEMBERS AND RESET ELEMENTS FOR RESETTING THE ARTICULATING MEMBERS**
[54] **DOIGT ARTIFICIEL AVEC ELEMENTS D'ARTICULATION ET ELEMENTS DE REMISE A ZERO POUR REINITIALISER LES ELEMENTS D'ARTICULATION**
[72] MANDL, CLEMENS, AT
[72] OECKER, LEOPOLD, AT
[72] SKIERA, RICHARD, AT
[72] VAN VLIET, JOHANNIS WILLEM, AT
[72] NADERER, RONALD, AT
[72] FERRARA, PAOLO, AT
[72] SCHAUSBERGER, FLORIAN, AT
[73] OTTO BOCK HEALTHCARE PRODUCTS GMBH, AT
[85] 2015-10-19
[86] 2014-04-29 (PCT/EP2014/001143)
[87] (WO2014/177272)
[30] DE (10 2013 007 539.4) 2013-05-03

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[13] C
[51] **Int.Cl. E21B 4/06 (2006.01) E21B 10/36 (2006.01) E21B 17/03 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR PERCUSSION ROCK DRILLING**
[54] **DISPOSITIF ET SYSTEME PERMETTANT UN FORAGE DE ROCHES PAR PERCUSSION**
[72] CARLSSON, JIMMY, SE
[73] EPIROC DRILLING TOOLS AKTIEBOLAG, SE
[85] 2015-10-20
[86] 2014-05-16 (PCT/SE2014/050599)
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[30] SE (1350606-8) 2013-05-17

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[25] FR
[54] **SLIDING WINDOW**
[54] **VITRAGE COULISSANT**
[72] HICK, ROBERT, BE
[73] AGC GLASS EUROPE, BE
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[87] (WO2014/191215)
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[25] EN
[54] **DEVICE FOR CLEANING CONTAINERS**
[54] **DISPOSITIF DE NETTOYAGE DE CONTENANTS**
[72] GAUS, BRUNO, DE
[73] MEIKO MASCHINENBAU GMBH & CO. KG, DE
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[25] EN
[54] **ELECTROLYTE-CONTAINING AQUEOUS POLYMER SOLUTION, AND METHOD FOR TERTIARY RECOVERY OF CRUDE PETROLEUM**
[54] **SOLUTION AQUEUSE DE POLYMERE QUI CONTIENT DES ELECTROLYTES ET PROCEDE D'EXPLOITATION TERTIAIRE DE PETROLE**
[72] USENER, CAROLIN, DE
[72] KRATTENMACHER, MANFRED, DE
[72] DUGONJIC-BILIC, FATIMA, DE
[72] NEUBER, MARITA, DE
[73] TOUGAS OILFIELD SOLUTIONS GMBH, DE
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[25] EN
[54] **METHOD FOR PRODUCING A REINFORCEMENT ROD**
[54] **PROCEDE DE FABRICATION D'UNE BARRE D'ARMATURE**
[72] SCHINKINGER, THOMAS, AT
[73] ASA.TEC GMBH, AT
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[25] EN
[54] **CONTINUOUS MULTISTEP PROCESS FOR PURIFYING ANTIBODIES**
[54] **PROCEDE CONTINU A ETAPES MULTIPLES POUR LA PURIFICATION D'ANTICORPS**
[72] DUTHE, DIDIER, FR
[72] HEMET, CELINE, FR
[72] LANDRIC-BURTIN, LAURE, FR
[72] MOTHES, BENOIT, FR
[73] SANOFI, FR
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[25] EN
[54] **ANNULAR OCULAR DEVICE WITH STABILIZATION GROOVES**
[54] **DISPOSITIF OCULAIRE ANNULAIRE DOTE DE RAINURES DE STABILISATION**
[72] NAKAMURA, AKIRA, JP
[72] FUKUSHIMA, TSUTOMU, JP
[73] SEED CO., LTD., JP
[73] SENJU PHARMACEUTICAL CO., LTD., JP
[85] 2015-11-10
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[25] EN
[54] **DEXTRAN SULFATE FOR USE IN MOBILIZATION OF CELLS**
[54] **SULFATE DE DEXTRANE DESTINE A ETRE UTILISE DANS LA MOBILISATION DE CELLULES**
[72] WAAS, ANDERS, SE
[72] DUPREZ, IDA, SE
[73] TX MEDIC AB, SE
[85] 2015-11-12
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[25] EN
[54] **NOVEL (CYANO-DIMETHYL-METHYL)-ISOXAZOLES AND -[1,3,4]THIADIAZOLES**
[54] **NOUVEAUX (CYANO-DIMETHYL-METHYL)-ISOXAZOLES ET -[1,3,4]THIADIAZOLES**
[72] RIETHER, DORIS, DE
[72] BINDER, FLORIAN, DE
[72] DOODS, HENRI, DE
[72] MUELLER, STEPHAN GEORG, DE
[72] NICHOLSON, JANET RACHEL, DE
[72] SAUER, ACHIM, DE
[73] CENTREXION THERAPEUTICS CORPORATION, US
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[30] EP (13168165.2) 2013-05-17

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[25] EN
[54] **SUPPORT STRUCTURE FOR SOLAR MODULE**
[54] **STRUCTURE DE SUPPORT POUR UN MODULE SOLAIRE**
[72] KEENIHAN, JAMES R., US
[72] LOPEZ, LEONARDO C., US
[72] YANG, KWANHO, US
[72] LANGMAID, JOSEPH A., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **METHOD AND DEVICE FOR MONITORING EXTRACORPOREAL BLOOD FLOW**
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE D'UN CIRCUIT SANGUIN EXTRACORPOREL**
[72] KOPPERSCHMIDT, PASCAL, DE
[72] NURNBERGER, THOMAS, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2015-11-20
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[25] EN
[54] **PERMANENT MAGNET ASSEMBLIES FOR GENERATING CONCAVE FIELD LINES AND PROCESS FOR CREATING OPTICAL EFFECT COATING THEREWITH (INVERSE ROLLING BAR)**
[54] **ENSEMBLE D'AIMANTS PERMANENTS PERMETTANT DE GENERER DES LIGNES DE CHAMP CONCAVES ET PROCEDE PERMETTANT DE CREER UN REVETEMENT A EFFET OPTIQUE AVEC CELUI-CI (BARRE ROULANTE INVERSE)**
[72] LOGINOV, EVGENY, CH
[72] SCHMID, MATHIEU, CH
[72] DESPLAND, CLAUDE ALAIN, CH
[72] DEGOTT, PIERRE, CH
[73] SICPA HOLDING SA, CH
[85] 2015-11-27
[86] 2014-06-13 (PCT/EP2014/062397)
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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/00 (2006.01)**
[25] EN
[54] **PROTECTIVE SLEEVE FOR BALL ACTIVATED DEVICE**
[54] **GAINE PROTECTRICE DESTINEE A UN DISPOSITIF ACTIVE PAR UNE BILLE**
[72] BRAEKKE, KRISTOFFER, NO
[72] ANTONSEN, ROGER, US
[73] TRICAN COMPLETION SOLUTIONS AS, NO
[85] 2015-12-01
[86] 2014-06-06 (PCT/NO2014/050096)
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[25] EN
[54] **CLEARANCE CONTROL RING ASSEMBLY**
[54] **ENSEMBLE ANNEAU DE REGULATION DE JEU**
[72] MONDAL, BHASKAR NANDA, IN
[72] RAHAIM, JOHN JOSEPH, US
[72] MONIZ, THOMAS, US
[72] ROSS, STEVEN A., US
[72] KIRK, JOEL, US
[72] HUNTER, SCOTT, US
[72] FUSINATO, DANIEL, US
[73] GENERAL ELECTRIC COMPANY, US
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[30] US (61/833,544) 2013-06-11

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[25] EN
[54] **MICROBIOTA RESTORATION THERAPY (MRT), COMPOSITIONS AND METHODS OF MANUFACTURE**
[54] **COMPOSITIONS DE THERAPIE DE RETABLISSEMENT DE MICROBIOTE (MRT) ET PROCEDES DE FABRICATION**
[72] JONES, LEE A., US
[72] JONES, COURTNEY R., US
[72] HLAVKA, EDWIN J., US
[72] GORDON, RYAN D., US
[73] REBIOTIX, INC., US
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[73] DESARROLLOS TAMARIT PLAZA SL, ES
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[51] **Int.Cl. B07C 5/342 (2006.01)**
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[54] **APPARATUS AND METHOD FOR SORTING PLANT MATERIAL UNITS**
[54] **APPAREIL ET PROCEDE POUR TRIER DES UNITES DE MATERIELS VEGETAUX**
[72] STRUIJK, WIM, NL
[72] VAN DER EL, WIM, NL
[73] IG SPECIALS B.V., NL
[85] 2015-12-11
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[51] **Int.Cl. C07D 233/58 (2006.01)**
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[54] **METHOD AND INDUSTRIAL PROCESS FOR CONTINUOUS SYNTHESIS OF DIFFERENT IONIC LIQUIDS**
[54] **PROCEDE ET PROCESSUS TECHNIQUE POUR LA SYNTHESE EN CONTINU DE LIQUIDES IONIQUES DIFFERENTS**
[72] POMMERSHEIM, RAINER, DE
[73] TULIPORT S.A.R.L., LU
[85] 2015-12-08
[86] 2014-05-06 (PCT/EP2014/059150)
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[25] EN
[54] **A DOUBLE-GLAZED WINDOW OR DOOR ASSEMBLY**
[54] **ENSEMBLE PORTE OU FENETRE A DOUBLE VITRAGE**
[72] BOYDEN, MICHAEL JOHN, AU
[73] BOYDEN, MICHAEL JOHN, AU
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[86] 2014-05-27 (PCT/AU2014/000556)
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[25] EN
[54] **MACHINE AND SYSTEM FOR THE PREPARATION OF LIQUID PRODUCTS USING CAPSULES**
[54] **MACHINE ET SYSTEME DE PREPARATION DE PRODUITS LIQUIDES A L'AIDE DE CAPSULES**
[72] BUGNANO, LUCA, IT
[72] CABILLI, ALBERTO, IT
[73] LUIGI LAVAZZA S.P.A., IT
[85] 2015-12-17
[86] 2014-06-17 (PCT/IB2014/062291)
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[54] **FOAMABLE PERSONAL CARE COMPOSITION COMPRISING A CONTINUOUS OIL PHASE**
[54] **COMPOSITION MOUSSANTE DE SOINS PERSONNELS COMPRENANT UNE PHASE HUILEUSE CONTINUE**
[72] TSAUR, LIANG SHENG, US
[73] UNILEVER PLC, GB
[85] 2015-12-21
[86] 2014-07-15 (PCT/EP2014/065102)
[87] (WO2015/014604)
[30] US (61/861,015) 2013-08-01

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[25] EN
[54] **DEVICE FOR COOLING A CONSUMER WITH A SUPER-COOLED LIQUID IN A COOLING CIRCUIT**
[54] **DISPOSITIF DE REFROIDISSEMENT D'UN DISSIPATEUR AVEC UN LIQUIDE SURREFROIDI DANS UN CIRCUIT DE REFROIDISSEMENT**
[72] HERZOG, FRIEDHELM, DE
[72] KUTZ, THOMAS, DE
[73] MESSER GROUP GMBH, DE
[85] 2015-12-29
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[54] **FLEXIBLY OPERABLE POWER PLANT AND METHOD FOR THE OPERATION THEREOF**
[54] **CENTRALE A FONCTIONNEMENT FLEXIBLE ET SON PROCEDE D'EXPLOITATION**
[72] BERGINS, CHRISTIAN, DE
[72] BUDDENBERG, TORSTEN, DE
[72] KOYTSOUMPA, EFTHYMIA-IOANNA, DE
[73] MITSUBISHI POWER EUROPE GMBH, DE
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[25] EN
[54] **VEHICLE FOUR-WHEEL DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT DE QUATRE ROUES DE VEHICULE**
[72] NORMAN, PHILIP ROSS, GB
[73] ROBOSYNTHESIS LIMITED, GB
[85] 2016-01-13
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[54] **SPRING CLIP BOTTOM LOADING POLYAXIAL BALL AND SOCKET FASTENER**
[54] **DISPOSITIF DE FIXATION A ARTICULATION A ROTULE POLYAXIALE A CHARGEMENT INFERIEUR A BAGUE DE SERRAGE**
[72] DOUBLER, ROBERT L., US
[72] HAMMILL, JOHN E., SR., US
[73] ORTHO INNOVATIONS, LLC, US
[85] 2016-01-14
[86] 2014-07-15 (PCT/US2014/046600)
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[54] **GAS SAMPLING DEVICE AND FILLING STATION COMPRISING SUCH A DEVICE**
[54] **DISPOSITIF D'ECHANTILLONNAGE DE GAZ ET STATION DE REMPLISSAGE COMPRENANT UN TEL DISPOSITIF**
[72] CARTEAU, DAVID, FR
[72] MAUVAIS, PATRICK, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **APPARATUS TO PREPARE BEVERAGES**
[54] **APPAREIL DE PREPARATION DE BOISSONS**
[72] DOGLIONI MAJER, ALDO, IT
[72] CERIANI, EZIO, IT
[72] DOGLIONI MAJER, CARLO, IT
[72] DOGLIONI MAJER, LUCA, IT
[73] RHEAVENDORS SERVICES S.P.A., IT
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[25] EN
[54] **PROCESS FOR MANUFACTURING VITRIFIED MATERIAL BY MELTING**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU VITRIFIE PAR FUSION**
[72] DEMOTT, JERRY, BE
[72] MAROLT, BOSTJAN, BE
[72] ETZKORN, RANDY, BE
[72] DUCARME, DAVID, BE
[73] KNAUF INSULATION, BE
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[25] EN
[54] **BEVERAGE PREPARATION SYSTEM AND METHOD FOR PREPARING A BEVERAGE**
[54] **SYSTEME DE PREPARATION DE BOISSON ET PROCEDE POUR PREPARER UNE BOISSON**
[72] WESSELS, HENDRIKUS CHRISTINUS MARIA, NL
[72] VAN NIEKERK, KOEN JOSEF, NL
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[54] **SCREENING AND IDENTIFICATION OF RESISTANT MARKERS IN CRUSTACEAN**
[54] **CRIBLAGE ET IDENTIFICATION DE MARQUEURS RESISTANTS DANS UN CRUSTACE**
[72] NILSEN, FRANK, NO
[72] ESPEDAL, PER GUNNAR, NO
[73] BERGEN TEKNOLOGIOVERFORING AS, NO
[73] PATOGEN AS, NO
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[25] EN
[54] **WOUND CARE ARTICLE HAVING AN ESSENTIALLY POLYGONAL OR ELLIPSOID BASE SURFACE AND AT LEAST ONE RECESS ARRANGED ON ONE SIDE**
[54] **ARTICLE POUR LE SOIN DES PLAIES PRESENTANT UNE SURFACE DE BASE SENSIBLEMENT POLYGONALE OU ELLIPSOIDALE ET AU MOINS UN EVIDEMENT PLACE SUR UN COTE**
[72] RIESINGER, BIRGIT, DE
[73] BSN MEDICAL GMBH, DE
[85] 2016-02-11
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[25] EN
[54] **ENZYMATIC METHOD FOR PREPARING REBAUDIOSIDE M**
[54] **PROCEDE ENZYMATIQUE SERVANT A PREPARER LE REBAUDIOSIDE M**
[72] TAO, JUNHUA, CN
[72] LI, GUOQING, CN
[72] LIANG, XIAOLIANG, CN
[72] TAO, ANDREW, CN
[73] PEPSICO, INC., US
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[25] FR
[54] **COMPOSITE REINFORCEMENT INSERT AND MANUFACTURING METHOD**
[54] **INSERT DE RENFORT COMPOSITE ET PROCEDE DE FABRICATION**
[72] KLEIN, GILLES CHARLES CASIMIR, FR
[72] SANCHEZ, GERALD, FR
[73] SAFRAN AIRCRAFT ENGINES, FR
[73] FSP-ONE, FR
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[54] **METHOD AND SYSTEM FOR TREATING LIGNIN**
[54] **PROCEDE ET SYSTEME POUR TRAITER LA LIGNINE**
[72] HILJANEN, SEPPO, FI
[73] VALMET TECHNOLOGIES OY, FI
[85] 2016-02-17
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[54] **NOZZLE AND METHOD FOR FLOW CYTOMETRY**
[54] **BUSE ET PROCEDE DE CYTOMETRIE EN FLUX**
[72] RATH, DETLEF, DE
[73] MASTERRIND GMBH, DE
[85] 2015-12-09
[86] 2014-05-08 (PCT/EP2014/059505)
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[54] **TECHNIQUES FOR OPTIMIZING PERFORMANCE OF CYCLONES**
[54] **TECHNIQUES POUR OPTIMISER LES PERFORMANCES DE CYCLONES**
[72] VAN DER SPEK, ALEX M., NL
[72] ZUZUNAGA, AMERICO J., US
[72] RUSSELL, JERIN J., US
[72] MARON, ROBERT J., US
[73] CIDRA CORPORATE SERVICES INC., US
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[25] EN
[54] **WIRELESS INDUSTRIAL PROCESS FIELD DEVICE WITH IMAGING**
[54] **DISPOSITIF DE TERRAIN SANS FIL POUR PROCEDE INDUSTRIEL AVEC IMAGERIE**
[72] ROTVOLD, ERIC DARRELL, US
[72] MCGUIRE, CHAD MICHAEL, US
[72] KARSCHNIA, ROBERT J., US
[72] BECKMANN, ROBERT MARTIN, US
[73] ROSEMOUNT INC., US
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[25] EN
[54] **USE OF A FIBER CONDUIT CONTACTOR FOR METAL AND/OR METALLOID EXTRACTION**
[54] **UTILISATION D'UN CONTACTEUR A CONDUIT A BASE DE FIBRES POUR PERMETTRE UNE EXTRACTION DE METAUX ET/OU DE METALLOIDES**
[72] MASSINGILL, JOHN LEE, US
[73] CHEMTOR, LP, US
[85] 2016-03-15
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[25] EN
[54] **MEDICAL DEVICE MANAGEMENT USING SAFETY SUPERVISOR**
[54] **GESTION DE DISPOSITIF MEDICAL A L'AIDE D'UN DISPOSITIF DE SURVEILLANCE DE SECURITE**
[72] GRAY, GEORGE W., US
[72] MCQUAID, WILLIAM C., US
[72] DEPOMMIER, REMI, US
[72] AMBROSINA, JESSE E., US
[73] IVENIX, INC., US
[85] 2016-03-22
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[25] EN
[54] **POLE FOR THE TRANSMISSION OF ELECTRIC POWER AND/OR TELECOMMUNICATION SIGNALS, AND USE AND METHOD**
[54] **POTEAU POUR LA TRANSMISSION D'ENERGIE ELECTRIQUE ET/OU DE SIGNAUX DE TELECOMMUNICATION, ET UTILISATION ET PROCEDE**
[72] VILLMAN, GUNTER, SE
[72] LINDFORS, GOTE, SE
[72] BERGMAN, STEN, SE
[73] SMART INNOVATION SWEDEN AB, SE
[85] 2016-03-24
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[54] **SYNCHRONIZED PROCESSING OF DATA BY NETWORKED COMPUTING RESOURCES**
[54] **TRAITEMENT SYNCHRONISE DE DONNEES PAR RESSOURCES DE CALCUL EN RESEAU**
[72] AISEN, DANIEL, CA
[72] KATSUYAMA, BRADLEY, CA
[72] PARK, ROBERT, CA
[72] SCHWALL, JOHN, CA
[72] STEINER, RICHARD, CA
[72] ZHANG, ALLEN, CA
[72] POPEJOY, THOMAS L., CA
[73] ROYAL BANK OF CANADA, CA
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[54] **INVESTIGATION OF PHYSICAL PROPERTIES OF AN OBJECT**
[54] **INVESTIGATION DE PROPRIETES PHYSIQUES D'UN OBJET**
[72] EDWARDS, DAVID JOHN, GB
[72] FAULKNER, GRAHAME EDWARD, GB
[72] ZHANG, NING, GB
[72] EDWARDS, ELEANOR GEORGINA, GB
[73] ISIS INNOVATION LIMITED, GB
[85] 2016-04-18
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[25] EN
[54] **APPARATUS AND METHODS FOR TESTING VISUAL FUNCTION AND FUNCTIONAL VISION AT VARYING LUMINANCE LEVELS**
[54] **APPAREIL ET PROCEDES DE TEST DE LA FONCTION VISUELLE ET DE LA VISION FONCTIONNELLE A DIFFERENTS NIVEAUX DE LUMINANCE**
[72] HIGH, KATHERINE A., US
[72] BENNETT, JEAN, US
[72] CHUNG, DANIEL, US
[72] MAGUIRE, ALBERT, US
[72] WELLMAN, JENNIFER, US
[72] MCCAGUE, SARAH, US
[72] PODSAKOFF, GREGORY, US
[73] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2016-04-22
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[54] **VARIABLE FREQUENCY DRIVE APPARATUS**
[54] **APPAREIL D'ENTRAINEMENT A FREQUENCE VARIABLE**
[72] FELIX, SHELDON, US
[73] LITTELFUSE, INC., US
[86] (2929529)
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[54] **IMMUNOGLOBULIN PURIFICATION USING PRE-CLEANING STEPS**
[54] **PURIFICATION D'IMMUNOGLOBULINE A L'AIDE D'ETAPES DE PRE-NETTOYAGE**
[72] FELFOLDI, FERENC, HU
[72] BENKO, ZSUZSA, HU
[72] GASPAR, MELINDA, HU
[73] RICHTER GEDEON NYRT., HU
[85] 2016-05-11
[86] 2015-03-09 (PCT/EP2015/054862)
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[54] **RECEPTION DEVICE**
[54] **DISPOSITIF DE RECEPTION**
[72] KITAZATO, NAOHISA, JP
[72] YAMAGISHI, YASUAKI, JP
[73] SONY CORPORATION, JP
[85] 2016-05-18
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[54] **OFFSHORE FLEXIBLE LINE INSTALLATION AND REMOVAL**
[54] **INSTALLATION ET RETRAIT D'UNE LIGNE FLEXIBLE EN MER**
[72] KRISTOFFERSEN, STEINAR, NO
[72] HAUG, OYVIND, NO
[72] GRAVEY, GUILLAUME, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2016-05-19
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[25] EN
[54] **HEATING ELEMENT POWERED BY ALTERNATING CURRENT AND HEAT GENERATOR ACCOMPLISHED BY THE HEATING ELEMENT**
[54] **ELEMENT CHAUFFANT ALIMENTE PAR COURANT ALTERNATIF ET GENERATEUR DE CHALEUR FORME A PARTIR DUDIT ELEMENT CHAUFFANT**
[72] KOOS-VARJU, JANOS, HU
[72] KOOS-VARJU, ZSOFIA, HU
[72] PATUS, JOZSEF, HU
[72] SZEKESSY, ATTILA JENO, HU
[73] FULES, JOZSEF, HU
[73] IFJ. FUZFA, PETER, HU
[73] GOMBAI, LASZLO, HU
[73] HAJZER, SANDOR, HU
[73] VARADI, GABOR, HU
[73] SZEKESSY, ATTILA JENO, HU
[73] PATUS, JOZSEF, HU
[73] KOOS-VARJU, ZSOFIA, HU
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[54] **ADJUSTABLE ORTHOPEDIC CONNECTIONS**
[54] **RACCORDEMENTS ORTHOPEDIQUES REGLABLES**
[72] HOPKINS, ANDREW, CH
[73] ZIMMER, INC., US
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[54] **MODIFIED SERPINS FOR THE TREATMENT OF BLEEDING DISORDERS**
[54] **SERPINES MODIFIEES POUR LE TRAITEMENT DE TROUBLES DE SAIGNEMENT**
[72] HUNTINGTON, JAMES ANDREW, GB
[72] POLDERDIJK, STEPHANIE, GB
[72] BAGLIN, TREVOR, GB
[73] CAMBRIDGE ENTERPRISE LIMITED, GB
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[25] EN
[54] **SANITARY TISSUE PRODUCTS AND METHODS FOR MAKING SAME**
[54] **PRODUITS DE PAPIER HYGIENIQUE ET PROCEDES DE FABRICATION ASSOCIES**
[72] MALADEN, RYAN DOMINIC, US
[72] MANIFOLD, JOHN ALLEN, US
[72] OSTENDORF, WARD WILLIAM, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] BARKEY, DOUGLAS JAY, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **SYSTEM AND METHOD FOR IDENTIFYING FACES IN UNCONSTRAINED MEDIA**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE VISAGES DANS DES SUPPORTS SANS CONTRAINTE**
[72] KANAUJIA, ATUL, US
[72] RAMANATHAN, NARAYANAN, US
[72] CHOE, TAE EUN, US
[73] AVIGILON FORTRESS CORPORATION, CA
[85] 2016-06-17
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[30] US (61/918,205) 2013-12-19
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[25] EN
[54] **ON-PREMISES AGENT FOR MOBILE CLOUD SERVICE**
[54] **AGENT SUR PLACE POUR UN SERVICE EN NUAGE MOBILE**
[72] CHIZHOV, VLADIMIR YURIEVICH, RU
[72] MOKEEV, ALEKSEI VASILIEVICH, RU
[72] VAN DE LOO, KAJ, US
[73] ORACLE INTERNATIONAL CORPORATION, US
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[54] **DECODING A COMBINED AMPLITUDE MODULATED AND FREQUENCY MODULATED SIGNAL**
[54] **DECODAGE D'UN SIGNAL COMBINE MODULE EN FREQUENCE ET MODULE EN AMPLITUDE**
[72] JENSEN, JESPER BEVENSEE, DK
[72] PEDERSEN, BO, DK
[72] LOPEZ, ROBERTO RODES, US
[73] DANMARKS TEKNISKE UNIVERSITET, DK
[85] 2016-07-15
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[25] EN
[54] **BOTTLE FRAUD DETECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DETECTION DE FRAUDE DE BOUTEILLE**
[72] GLAMUZINA, STEVEN M., JR., US
[72] MURPHY, JEFFREY C., US
[73] GLAMUZINA, STEVEN M., JR., US
[73] MURPHY, JEFFREY C., US
[86] (2938969)
[87] (2938969)
[22] 2016-08-16

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[51] **Int.Cl. F16B 35/04 (2006.01)**
[25] EN
[54] **FASTENER SYSTEM COMPRISING AN EXTERNALLY THREADED BOLT AND AN INTERNALLY THREADED NUT FOR THE AVOIDANCE OF CROSS-THREADING OF THE MATING THREADS DURING ASSEMBLY**
[54] **SYSTEME DE FIXATION COMPRENANT UN BOULON A FILETAGE EXTERIEUR ET UN ECROU A FILETAGE INTERIEUR PERMETTANT D'EVITER L'ARRACHEMENT DES FILETS ASSOCIES PENDANT L'ASSEMBLAGE**
[72] PRITCHARD, ALAN, GB
[73] RESEARCH ENGINEERING & MANUFACTURING INC., US
[85] 2016-08-09
[86] 2015-04-27 (PCT/US2015/027788)
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[25] EN
[54] **SPATIAL SAMPLING IMPROVEMENTS AND THE FORMATION OF ARRAYS USING POPCORN AND SIMULTANEOUS SOURCE ACQUISITION**
[54] **AMELIORATIONS D'ECHANTILLONNAGE SPATIAL ET FORMATION DE GROUPEMENTS UTILISANT UN TIR POPCORN ET UNE ACQUISITION DE SOURCES SIMULTANEES**
[72] ABMA, RAYMOND LEE, US
[72] ROSS, ALLAN, US
[73] BP CORPORATION NORTH AMERICA, INC., US
[85] 2016-08-11
[86] 2015-03-13 (PCT/US2015/020477)
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[54] **AMBIENT AIR REFRIGERATION SYSTEM**
[54] **SYSTEME DE REFRIGERATION A L'AIR AMBIANT**
[72] DELIA, RICHARD E., US
[73] NORDIC REFRIGERATION, INC., US
[85] 2016-08-22
[86] 2014-03-11 (PCT/US2014/023717)
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[51] **Int.Cl. C07C 69/22 (2006.01) A61K 31/22 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **LIPIDS THAT INCREASE INSULIN SENSITIVITY AND METHODS OF USING THE SAME**
[54] **LIPIDES AUGMENTANT UNE SENSIBILITE A L'INSULINE ET LEURS PROCEDES D'UTILISATION**
[72] KAHN, BARBARA B., US
[72] HERMAN, MARK A., US
[72] SAGHATELIAN, ALAN, US
[72] HOMAN, EDWIN, US
[73] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2016-09-13
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[54] **NEEDLE DRIVER**
[54] **DISPOSITIF D'ENTRAINEMENT D'AIGUILLE**
[72] SHEILDS, JOHN MARTIN, US
[72] HUSSAIN, SYED M., US
[73] NOVASURG INNOVATIONS, LLC, US
[85] 2016-09-14
[86] 2014-03-14 (PCT/US2014/027955)
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[54] **FILTRATION SYSTEM**
[54] **SYSTEME DE FILTRATION**
[72] MCVICKER, KEVIN, US
[72] HEMKER, TYLER, US
[73] ASAMA COLDWATER MANUFACTURING INC., US
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[25] EN
[54] **TOOTH AND ADAPTOR FOR ATTACHMENT OF THE TOOTH TO A WORKING MACHINE**
[54] **DENT ET ADAPTATEUR POUR FIXATION DE LA DENT A UNE MACHINE DE TRAVAIL**
[72] PEREZ SORIA, FRANCISCO, ES
[72] SANCHEZ GUISADO, FERMIN, ES
[72] ROL CORREDOR, JAVIER, ES
[72] TRIGINER BOIXEDA, JORGE, ES
[73] METALOGENIA RESEARCH & TECHNOLOGIES S.L., ES
[85] 2016-10-28
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[54] **METHOD FOR PERFORMING FAILSAFE CALCULATIONS**
[54] **PROCEDE POUR REALISER DES CALCULS A SECURITE INTEGREE**
[72] HAYS, PAUL J., US
[72] KELSCH, DAWN, US
[73] MICRO MOTION, INC., US
[85] 2016-11-04
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[54] **TWO OIL CHAMBER COUNTERWEIGHT**
[54] **CONTREPOIDS COMPORTANT DEUX CHAMBRES D'HUILE**
[72] BIGGIN, DAVID FRANCIS, US
[73] METSO MINERALS INDUSTRIES, INC., US
[85] 2016-11-04
[86] 2015-05-27 (PCT/US2015/032605)
[87] (WO2015/187421)
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[25] EN
[54] **HYBRID PHOTOLUMINESCENT LIGHTING DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE A ECLAIRAGE PHOTOLUMINESCENT HYBRIDE**
[72] FLIEDER, ROBERT, US
[73] ISOLITE CORPORATION, US
[85] 2016-11-07
[86] 2015-06-02 (PCT/IB2015/001792)
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[30] US (62/006,648) 2014-06-02

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[51] **Int.Cl. E05F 15/70 (2015.01) G08C 17/02 (2006.01)**
[25] EN
[54] **CONTROLLER FOR A DOOR OPERATOR**
[54] **DISPOSITIF DE COMMANDE POUR UN ACTIONNEUR DE PORTE**
[72] ZASOWSKI, PETER, US
[72] LAWHON, DUSTIN, US
[72] DIETRICH, KURT, US
[72] MCNALLY, TOMMY G., US
[73] YALE SECURITY INC., US
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[25] EN
[54] **TORSION SPRING METAL CEILING SYSTEM AND HARDWARE**
[54] **SYSTEME ET MATERIEL DE PLAFOND METALLIQUE A RESSORTS DE TORSION**
[72] UNDERKOFLER, ABRAHAM M., US
[72] GULBRANDSEN, PEDER J., US
[72] PAULSEN, MARK R., US
[73] USG INTERIORS, LLC, US
[85] 2016-11-16
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[54] **DISPENSER**
[54] **DISTRIBUTEUR**
[72] PAGANUZZI, VALERIO, IT
[73] BORMIOLI PHARMA S.P.A., IT
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[54] **HYDROPONIC PLANTING CUP SYSTEM AND METHOD**
[54] **SYSTEME DE COUPELLE DE PLANTATION HYDROPONIQUE ET METHODE**
[72] AGREY, RYAN R.L., CA
[72] AGREY, BRADLEY G., CA
[73] AGREY, RYAN R.L., CA
[73] AGREY, BRADLEY G., CA
[86] (2949899)
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[25] EN
[54] **DEVICE FOR INJECTING A HYPODERMIC SYRINGE**
[54] **DISPOSITIF D'INJECTION PERMETTANT D'INJECTER UNE SERINGUE HYPODERMIQUE**
[72] PERTHU, MICHAEL, DK
[73] UNION MEDICO APS, DK
[85] 2016-11-23
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[30] DK (PA 2013 70426) 2013-08-02
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[51] **Int.Cl. B21D 5/00 (2006.01) B23Q 17/20 (2006.01)**
[25] EN
[54] **TRUING MACHINE AND METHOD FOR OBTAINING DIMENSIONAL AND TOLERANCE COMPLIANCE OF MAGNESIUM COMPONENTS**
[54] **MACHINE A DEGAUCHIR ET PROCEDE D'OBTENTION DE CONFORMITE DIMENSIONNELLE ET DE TOLERANCE DE COMPOSANTS EN MAGNESIUM**
[72] FAUPEL, TOM, US
[72] FELTENBARGER, CRAIG, US
[73] MAGNESIUM PRODUCTS OF AMERICA, INC., US
[86] (2951675)
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[25] EN
[54] **HELICOPTER AEROFOIL WITH TRAILING EDGE FLAP**
[54] **PROFIL AERODYNAMIQUE D'HELICOPTERE DOTE DE RABAT DE BORD DE FUITE**
[72] CAVE, ANDREW, GB
[72] STACEY, SIMON, GB
[73] AGUSTAWESTLAND LIMITED, GB
[85] 2016-12-13
[86] 2016-04-21 (PCT/GB2016/051107)
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[30] GB (1506739.0) 2015-04-21

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 20/36 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **DISTRIBUTED LEDGER PROTOCOL TO INCENTIVIZE TRANSACTIONAL AND NON-TRANSACTIONAL COMMERCE**
[54] **PROTOCOLE DE REGISTRE DISTRIBUE INCITANT AU COMMERCE TRANSACTIONNEL ET NON TRANSACTIONNEL**
[72] SIMON, GREGORY, US
[72] DENNIS, SEAN, NI
[72] BARKER, LEVI, US
[73] LOYYAL HOLDINGS INCORPORATED, AE
[85] 2017-01-09
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[30] US (62/023,568) 2014-07-11
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[51] **Int.Cl. A01N 63/30 (2020.01) A01N 61/00 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **CLONOSTACHYS ROSEA INOCULATED PLANT MATERIALS WITH FUNGICIDES AND ADJUVANTS**
[54] **MATERIAUX VEGETAUX INOCULES DE CLONOSTACHYS ROSEA AVEC DES FONGICIDES ET DES ADJUVANTS**
[72] BROWN, WILLIAM, G., CA
[73] ADJUVANTS PLUS USA, INC., US
[85] 2017-01-13
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[30] US (62/024,137) 2014-07-14

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[51] **Int.Cl. D02G 3/38 (2006.01) A47L 13/20 (2006.01)**
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[54] **A MOP HEAD INCLUDING A LINEAR TEXTILE STRUCTURE**
[54] **TETE DE BALAI A FRANGES COMPRENANT UNE STRUCTURE TEXTILE LINEAIRE**
[72] WEIS, NORBERT, DE
[72] THYSON, DIANA, DE
[73] CARL FREUDENBERG KG, DE
[85] 2017-02-13
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[25] EN
[54] **APPARATUS AND PROCESS FOR PRODUCING GASOLINE, OLEFINS AND AROMATICS FROM OXYGENATES**
[54] **APPAREIL ET PROCEDE DE PRODUCTION D'ESSENCE, D'OLEFINES ET DE COMPOSES AROMATIQUES A PARTIR DE COMPOSES OXYGENES**
[72] DU, BING, US
[72] TABAK, SAMUEL A., US
[72] HINDMAN, MITCH L., US
[72] SHEN, ERIC B., US
[72] JOHNSON, DAVID L., US
[72] HARANDI, MOHSEN N., US
[72] SUTTON, CLAY R., US
[72] HAN, LU, US
[72] RATERMAN, MICHAEL F., US
[72] WANG, ZHONGCHENG, US
[72] ILLIAS, SAMIA, US
[72] LOVELESS, BRETT, US
[72] MCCARTHY, STEPHEN J., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[30] US (62/062,396) 2014-10-10
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[51] **Int.Cl. G01N 19/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING THE MOISTURE CONTENT OF PULP MATERIAL ON A WIRE**
[54] **METHODE ET APPAREIL DE MESURE DE LA TENEUR EN HUMIDITE DE MATIERE PULPEUSE SUR UN FIL**
[72] BARTELMUSS, KLAUS, AT
[73] BARTELMUSS, KLAUS, AT
[86] (2960581)
[87] (2960581)
[22] 2017-03-13
[30] AT (A 211/2016) 2016-04-25

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[25] EN
[54] **CLEANING FLUID AND CLEANING METHOD**
[54] **FLUIDE DE NETTOYAGE ET PROCEDE DE NETTOYAGE**
[72] SATO, YOICHI, JP
[72] MORIYASU, KAZUKI, JP
[73] SAKATA INX CORP., JP
[85] 2017-03-10
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[30] JP (2014-191334) 2014-09-19

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[51] **Int.Cl. A47L 5/38 (2006.01) A47L 9/19 (2006.01) A47L 9/28 (2006.01) G08C 17/02 (2006.01) H02H 3/08 (2006.01) H02H 7/085 (2006.01) H02J 7/00 (2006.01) H02K 7/18 (2006.01) H02P 1/04 (2006.01)**
[25] EN
[54] **CENTRAL VACUUM CLEANING SYSTEM CONTROL SUBSYSTEMS**
[54] **SOUS-SYSTEME DE COMMANDE D'UN SYSTEME CENTRAL DE NETTOYAGE PAR ASPIRATION**
[72] CUNNINGHAM, J. VERN, CA
[73] CUBE INVESTMENTS LIMITED, CA
[86] (2962158)
[87] (2962158)
[22] 2005-05-11
[62] 2,919,179
[30] US (10/843,321) 2004-05-12
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[25] EN
[54] **LOCK DRIVE ASSEMBLIES**
[54] **ENSEMBLES D'ENTRAINEMENT DE SERRURE**
[72] VASUDEVAN, SUNDAR RAJ DORE, IN
[72] BANGARU, DILIP, IN
[72] LITWINSKI, ADAM MICHAEL, US
[73] SCHLAGE LOCK COMPANY LLC, US
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[54] **STABILIZING SYSTEM FOR DEEP DRILLING**
[54] **SYSTEME DE STABILISATION POUR FORAGE PROFOND**
[72] AL AMERI, FAHED SALEM SALEH AWADH, AE
[72] AL AWADHI, FARHAAD KHALED SAEED MOHAMED, AE
[73] ABU DHABI NATIONAL OIL COMPANY, AE
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[25] EN
[54] **SYSTEMS AND METHODS FOR THREAT ANALYSIS OF COMPUTER DATA**
[54] **SYSTEMES ET PROCEDES D'ANALYSE DES MENACES POUR DES DONNEES INFORMATIQUES**
[72] THRASH, RALPH W., US
[72] GAUGER, DONALD, US
[72] GLOSSNER, WILLIAM, US
[72] PETERS, SCOTT P., US
[72] HUSHON, DAN, US
[73] COMPUTER SCIENCES CORPORATION, US
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[54] **TRANSFORMABLE TRAY AND TRAY SYSTEM FOR RECEIVING, TRANSPORTING AND UNLOADING ITEMS**
[54] **PLATEAU TRANSFORMABLE ET SYSTEME DE PLATEAU PERMETTANT DE RECEVOIR, DE TRANSPORTER ET DE DECHARGER DES ARTICLES**
[72] SMITH, GREGORY J., US
[72] PERRY-EATON, WAYNE R., US
[72] STRATTON, CHRISTOPHER M., US
[72] POTTER, THOMAS C., US
[73] UNITED STATES POSTAL SERVICE, US
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[54] **CAPTURE UNIT FEATURING FILTERS FOR SOLIDS AND FOR ANTIMICROBIAL COMPONENTS**
[54] **UNITE DE CAPTURE MUNIE DE FILTRES POUR MATIERES SOLIDES ET COMPOSANTS ANTIMICROBIENS**
[72] MASSEY, JUSTIN, US
[72] YEAMAN, TIM, US
[72] NOLEN, GARY, US
[72] BEERS, KELLY, US
[72] RHEINGANS, JOE, US
[73] SAFE FOODS CORPORATION, US
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[54] **METHOD AND APPARATUS FOR PREVENTING BACTERIA PROLIFERATION IN AN ELECTRIC WATER HEATER**
[54] **PROCEDE ET APPAREIL POUR PREVENIR LA PROLIFERATION DES BACTERIES DANS UN CHAUFFE-EAU ELECTRIQUE**
[72] LESAGE, JEAN-CLAUDE, CA
[73] MICLAU-S.R.I. INC., CA
[86] (2963891)
[87] (2963891)
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[54] **SLIDABLE STEP FOR MOUNTING AND DISMOUNTING A VEHICLE**
[54] **MARCHE COULISSANTE POUR MONTER DANS UN VEHICULE ET DESCENDRE DE CELUI-CI**
[72] ALEMAN, SILVERIO, US
[73] UNITED RENTALS, INC., US
[85] 2017-04-18
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[54] **METAL COMPOSITIONS AND METHOD FOR TREATING ARTICLE MADE FROM SAID METAL COMPOSITIONS**
[54] **COMPOSITIONS METALLIQUES ET PROCEDE DE TRAITEMENT D'UN ARTICLE FABRIQUE A PARTIR DESDITES COMPOSITIONS METALLIQUES**
[72] MOHR, BYRON, US
[72] NOVE, STEVEN, US
[73] DRESSER-RAND COMPANY, US
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[54] **METHOD AND SYSTEM FOR INCREASING DEGREE DAYS FOR THE CULTIVATION OF PARTICULAR FRUIT BEARING VINES IN UNFAVOURABLE CLIMATIC REGIONS**
[54] **PROCEDE ET SYSTEME POUR AUGMENTER LES DEGRES-JOURS POUR LA CULTURE DE PIEDS DE VIGNE DE VITICULTURE PARTICULIERS DANS DES REGIONS CLIMATIQUES DEFAVORABLES**
[72] LAMOUREUX, NORMAND, CA
[72] THOMAS, CHRISTIAN, CA
[73] LAMOUREUX, NORMAND, CA
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[54] **SYSTEMS AND METHODS FOR MALICIOUS CODE DETECTION ACCURACY ASSURANCE**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'ASSURER LA PRECISION DE DETECTION DE CODE MALVEILLANT**
[72] KATMOR, ROY, IL
[72] BITTON, TOMER, IL
[72] YAVO, UDI, IL
[72] KELSON, IDO, IL
[73] FORTINET, INC., US
[85] 2017-05-18
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[54] **OVERFLOW SYSTEM FOR A FLUID CONTAINER**
[54] **SYSTEME DE TROP-PLEIN POUR RESERVOIR DE LIQUIDE**
[72] BRADDOCK, CHARLES KERWIN, US
[72] DEBAUGH, THOMAS STUART, US
[72] IMSAND, ASHLEY, US
[73] MAAX BATH INC., CA
[86] (2969361)
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[54] **MESH NETWORK ADDRESSING**
[54] **ADRESSAGE DE RESEAU MAILLE**
[72] HUI, JONATHAN WING-YAN, US
[72] WOODYATT, JAMES H., US
[72] TURON, MARTIN A., US
[73] GOOGLE LLC, US
[85] 2017-06-16
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[54] **METHOD OF SEALING AND REPAIRING A REFRACTORY TAP HOLE**
[54] **PROCEDE D'OBTURATION ET DE REPARATION D'UN TROU DE COULEE REFRACTAIRE**
[72] PILOTE, JACQUES, AU
[72] DRY, RODNEY JAMES, AU
[73] TATA STEEL LIMITED, IN
[85] 2017-06-22
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[25] EN
[54] **METHOD AND SYSTEM FOR INJECTING A PROCESS FLUID USING A HIGH PRESSURE DRIVE FLUID**
[54] **PROCEDE ET SYSTEME PERMETTANT D'INJECTER UN FLUIDE DE TRAITEMENT A L'AIDE D'UN FLUIDE D'ENTRAINEMENT HAUTE PRESSION**
[72] OKLEJAS, ELI, JR., US
[73] OKLEJAS, ELI, JR., US
[85] 2017-07-19
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[54] **PROCEDE DE PRODUCTION DE VAPEUR ET INSTALLATION DE RECUPERATION AMELIOREE DE PETROLE**
[72] BETSER-ZILEVITCH, MAOZ, CA
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[54] **CONTEXT SENSITIVE FRAMEWORK FOR PROVIDING DATA FROM RELEVANT APPLICATIONS**
[54] **CADRE D'APPLICATIONS SENSIBLE AU CONTEXTE PERMETTANT DE FOURNIR DES DONNEES EN PROVENANCE D'APPLICATIONS APPROPRIEES**
[72] EVANS, ETHAN ZANE, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2017-08-15
[86] 2016-02-17 (PCT/US2016/018249)
[87] (WO2016/134007)
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[54] **MOLDED-IN BOAT GRIP**
[54] **ANTIDERAPANT MOULE POUR BATEAU**
[72] ROBBINS, SAMUEL S., US
[72] NORMAN, DENNIS JAY, US
[73] LIFETIME PRODUCTS, INC., US
[86] (2976821)
[87] (2976821)
[22] 2017-08-21
[30] US (62/380,179) 2016-08-26
[30] US (15/676,781) 2017-08-14

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[54] **AN IMPROVED HIGH TORQUE TRANSMISSION**
[54] **TRANSMISSION A COUPLE ELEVE AMELIOREE**
[72] ARMSTRONG, PETER ELLIOT, AU
[72] MCPHEE, ANDREW DUNCAN, AU
[73] NORD-LOCK AUSTRALIA PTY LTD, AU
[85] 2017-09-07
[86] 2016-03-08 (PCT/AU2016/000073)
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[25] EN
[54] **SOIL CULTIVATION MACHINE; METHOD FOR HEIGHT GUIDANCE OF AT LEAST ONE FINGER WEEDING TOOL OVER A ROW IN A ROW CROP**
[54] **OUTIL POUR TRAVAILLER LE SOL; PROCEDE POUR GUIDER EN HAUTEUR AU MOINS UNE SARCLEUSE A DOIGTS SUR UN RANG DANS UNE CULTURE EN RANGS**
[72] KIRCHHOFF, CHRISTIAN, DE
[72] DULKS, ANDRE, DE
[73] K.U.L.T. KRESS UMWELTSCHONENDE LANDTECHNIK GMBH, DE
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[54] **SYSTEM AND METHOD FOR ADVERTISEMENT DELIVERY WITHIN A VIDEO TIME SHIFTING ARCHITECTURE**
[54] **SYSTEME ET METHODE DE LIVRAISON PUBLICITAIRE DANS UNE ARCHITECTURE A DECALAGE TEMPOREL VIDEO**
[72] RIEDL, STEVE, US
[72] URDANG, ERICK, US
[72] GONDER, TOM, US
[72] SANTANGELO, BRYAN, US
[72] JORDAN, BRAD, US
[73] TIME WARNER CABLE ENTERPRISES LLC, US
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[25] EN
[54] **CATALYST FOR HYDROGENATING AROMATIC HYDROCARBONS, AND HYDROGENATION TREATMENT METHOD IN WHICH SAME IS USED**
[54] **CATALYSEUR POUR L'HYDROGENATION D'HYDROCARBURES AROMATIQUES, ET PROCEDE DE TRAITEMENT PAR HYDROGENATION L'UTILISANT**
[72] IMAGAWA, KENICHI, JP
[72] KOBAYASHI, HARUTO, JP
[72] MUTO, AKIHIRO, JP
[73] CHIYODA CORPORATION, JP
[85] 2017-09-14
[86] 2016-03-23 (PCT/JP2016/059106)
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[25] EN
[54] **STENT GRAFT DEVICE WITH ANCHORING MEMBERS HAVING ADJUSTABLE GEOMETRIES**
[54] **DISPOSITIF DE GREFFE D'ENDOPROTHESE PRESENTANT DES ELEMENTS D'ANCRAGE PRESENTANT DES GEOMETRIES REGLABLES**
[72] MICHALAK, CHRISTOPHER S., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2017-09-21
[86] 2016-05-24 (PCT/US2016/033857)
[87] (WO2016/191400)
[30] US (62/166,756) 2015-05-27
[30] US (15/161,569) 2016-05-23

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[13] C
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[25] EN
[54] **METHOD FOR MANUFACTURING A COMPONENT BY THERMAL SPRAYING**
[54] **METHODE DE FABRICATION D'UNE COMPOSANTE PAR PULVERISATION THERMIQUE**
[72] HOFACKER, OLIVER, DE
[72] KRUGER, URSUS, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE WITH INTERFACE RECONFIGURATION MODE**
[54] **DISPOSITIF ELECTRONIQUE PORTABLE A MODE DE RECONFIGURATION D'INTERFACE**
[72] VAN OS, MARCEL, US
[72] ANZURES, FREDDY A., US
[72] FORSTALL, SCOTT, US
[72] CHRISTIE, GREG, US
[72] ORDING, BAS, US
[72] CHAUDHRI, IMRAN, US
[72] LEMAY, STEPHEN O., US
[73] APPLE INC., US
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[25] EN
[54] **SURFACE COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT DE SURFACE**
[72] WEIER, ANDREAS, DE
[72] SCHALLER, CHRISTIAN, DE
[72] WEH, WALTER, DE
[72] GERLACH, GUNTER, DE
[72] BURGETH, GERALD, DE
[73] STO SE & CO. KGAA, DE
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[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/151 (2006.01) A61B 5/155 (2006.01)**
[25] EN
[54] **BIOLOGICAL FLUID COLLECTION DEVICE AND BIOLOGICAL FLUID COLLECTION SYSTEM**
[54] **DISPOSITIF DE COLLECTE DE LIQUIDE BIOLOGIQUE ET SYSTEME DE COLLECTE DE LIQUIDE BIOLOGIQUE**
[72] WILKINSON, BRADLEY M., US
[72] NEWBY, C. MARK, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2017-11-09
[86] 2016-08-04 (PCT/US2016/045511)
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[25] EN
[54] **GENES THAT INCREASE PLANT OIL AND METHOD FOR USING THE SAME**
[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
[72] CHATANI, HIROSHI, JP
[72] OHTO, CHIKARA, JP
[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] MURAMOTO, NOBUHIKO, JP
[72] TAKAGI, MASARU, JP
[72] MITSUDA, NOBUTAKA, JP
[72] KOYAMA, TOMOTSUGU, JP
[72] MATSUI, KYOKO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2989127)
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[22] 2008-12-05
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[54] **POLYPROPYLENE COMPOSITION SUITABLE FOR FOAMED SHEETS AND ARTICLES**
[54] **COMPOSITION DE POLYPROPYLENE APPROPRIEE POUR DES FEUILLES ET DES ARTICLES EN MOUSSE**
[72] LIN, YI AN, TW
[73] BOREALIS AG, AT
[85] 2018-01-05
[86] 2016-07-29 (PCT/EP2016/068125)
[87] (WO2017/021292)
[30] US (62/199,313) 2015-07-31
[30] EP (15179458.3) 2015-08-03

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[13] C
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[25] EN
[54] **NOVEL LINKERS AND THEIR USES IN SPECIFIC CONJUGATION OF DRUGS TO A BIOLOGICAL MOLECULE**
[54] **NOUVELLES SEQUENCES DE LIAISON ET LEURS UTILISATION POUR LA CONJUGAISON SPECIFIQUE DE MEDICAMENTS A UNE MOLECULE BIOLOGIQUE**
[72] ZHAO, ROBERT YONGXIN, US
[73] HANGZHOU DAC BIOTECH CO., LTD, CN
[85] 2018-01-10
[86] 2015-08-10 (PCT/IB2015/056083)
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[13] C
[51] **Int.Cl. F24F 11/74 (2018.01) F24F 11/64 (2018.01) F24F 11/75 (2018.01)**
[25] EN
[54] **FAN DEVICE, AIR FLOW ADJUSTMENT DEVICE AND AIR VOLUME CONTROL METHOD THEREOF**
[54] **APPAREIL VENTILATEUR, APPAREIL DE REGLAGE DU DEBIT D'AIR ET METHODE ASSOCIEE DE CONTROLE DU VOLUME D'AIR**
[72] SUN, CHIPING, HK
[72] YEUNG, SHINGHIN, HK
[72] JIANG, HAIBO, HK
[72] JIANG, YUNLONG, HK
[72] LIU, GUODONG, HK
[72] CHEN, ZHIWANG, HK
[73] JOHNSON ELECTRIC INTERNATIONAL AG, CH
[86] (2992349)
[87] (2992349)
[22] 2018-01-18
[30] CN (2017 1004 2503.9) 2017-01-20

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[25] EN
[54] **METHOD FOR INDUCING PREDICTION MOTION VECTOR AND APPARATUSES USING SAME**
[54] **PROCEDE DE GENERATION D'UN VECTEUR DE MOUVEMENT PREDIT ET DISPOSITIFS UTILISANT CE PROCEDE**
[72] CHOI, JIN SOO, KR
[72] KIM, HUI YONG, KR
[72] KIM, JAE GON, KR
[72] KIM, JIN WOONG, KR
[72] LEE, JIN HO, KR
[72] LEE, SANG YONG, KR
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[72] SORRENTINO, STEFANO, SE
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[72] MOILANEN, HANNU, FI
[73] HELSINGIN YLIOPISTO, FI
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[54] **PROCEDE ET APPAREIL DE TRAITEMENT BASE SUR UN RESEAU NEURONAL DANS UN CODAGE VIDEO**
[72] HUANG, YU-WEN, CN
[72] SUN, YU-CHEN, CN
[72] CHUANG, TZU-DER, CN
[72] LIN, JIAN-LIANG, CN
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[54] **DISPOSITIF DE PRODUCTION DE LIENS PAR CABLAGE A PARTIR DE FILAMENTS SANS FIN**
[72] FREY, DETLEF, DE
[72] NEUENHOFER, MARTIN, DE
[72] SOMMER, SEBASTIAN, DE
[73] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
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[54] **FORMES CRISTALLINES DE GRAPIPRANT**
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[72] SMITH, MELISSA, US
[72] SEEKAMP, CHRIS, US
[72] WENSLOW, ROBERT, US
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[54] **APPAREIL DE DETECTION DE DEFAUT ET METHODE DE DETECTION DE DEFAUT EMPLOYANT LEDIT APPAREIL**
[72] SHIN, DONG HWAN, KR
[72] SHIN, YE JI, KR
[72] CHA, SEUNG EUN, KR
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[54] **SYSTEME DE REVETEMENT D'ASPHALTE ET METHODES ASSOCIEES**
[72] LARUSSO, JOSEPH, US
[72] GROSE, BRADLEY RICHARD, US
[73] ASPHALT SYSTEMS, INC., US
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[54] **WIND TURBINE AND METHOD FOR OPERATING A WIND TURBINE**
[54] **EOLIENNE ET METHODE D'EXPLOITATION D'UNE EOLIENNE**
[72] STOLTENBERG, HENNING, DE
[73] SENVION GMBH, DE
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[72] HSU, CHIA-HUA, US
[72] HASELEU, ANDREA, US
[72] STAWSKI, BARBARA Z., US
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[54] **METHOD, APPARATUS, AND SYSTEM FOR DETECTING WORKING STATE OF PHOTOVOLTAIC PANEL, AND PHOTOVOLTAIC ELECTRICAL SYSTEM**
[54] **PROCEDE, APPAREIL ET SYSTEME DE DETECTION D'ETAT DE FONCTIONNEMENT DE PANNEAU PHOTOVOLTAIQUE, ET SYSTEME ELECTRIQUE PHOTOVOLTAIQUE**
[72] FENG, CHONGYANG, CN
[72] ZHANG, XUEFEN, CN
[72] JIANG, SHIYONG, CN
[72] WANG, JING, CN
[72] LIU, KEQIN, CN
[72] SONG, JIANGXI, CN
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[72] MILLER, DONALD L., US
[72] NAAMAN, OFER, US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[72] AMINI, HAMED, US
[72] JAMSHIDI, ARASH, US
[72] KHURANA, TARUN KUMAR, US
[72] MASHAYEKHI, FOAD, US
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[54] **DYNAMICALLY CONFIGURABLE TRAFFIC CONTROLLERS AND METHODS OF USING THE SAME**
[54] **DISPOSITIFS DE REGULATION DE LA CIRCULATION DYNAMIQUEMENT CONFIGURABLES ET LEURS PROCEDES D'UTILISATION**
[72] PARUCH, LUCAS I., US
[72] WIEGEL, AARON J., US
[72] DONDLINGER, JASON, US
[72] SNYDER, RONALD P., US
[72] KORMAN, JOE, US
[72] SWIFT, DAVID, US
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[54] **APPAREIL D'ESSAI A RELAIS ALIMENTE PAR ACCUMULATEUR**
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[73] OMICRON ELECTRONICS GMBH, AT
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[54] **STATIONS D'ENTRETIEN POUR APPAREILS A JET DE FLUIDE PORTATIFS**
[72] RABE, THOMAS ELLIOT, US
[72] VERNON, PAUL JOHN EDWARD, US
[72] STRIEMER, GRANT EDWARD ANDERS, US
[72] LINGOES, JANETTE VILLALOBOS, US
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[54] **DISPOSITIF DE FLOTTAISON MARITIME**
[72] HUMPHRIES, TONY, NZ
[72] HOLDAWAY, ADAM, NZ
[72] HAMILTON, DAVID, NZ
[72] MARSDEN, GREGORY, NZ
[72] JONES, MICK, NZ
[72] TAYLOR, GRANT, NZ
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[54] **DIELECTRIQUES NON BASES SUR DES OXYDES POUR DISPOSITIFS SUPRACONDUCTEURS**
[72] KELLIHER, JAMES T., US
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[72] SHERMAN, CORY E., US
[72] WAGNER, BRIAN P., US
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[54] **A METHOD OF HEAT TRANSFER BETWEEN A METALLIC OR NON-METALLIC ITEM AND A HEAT TRANSFER FLUID**
[54] **PROCEDE DE TRANSFERT THERMIQUE ENTRE UN ELEMENT METALLIQUE OU NON METALLIQUE ET UN FLUIDE DE TRANSFERT THERMIQUE**
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[54] **PROCEDES ET APPAREIL POUR SELECTIONNER DES PARAMETRES, DISTRIBUES ET AMELIORES, D'ACCES A DES CANAUX POUR DIFFERENTES STATIONS**
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[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] ASTERJADHI, ALFRED, US
[72] CHERIAN, GEORGE, US
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[54] **COMPOSITIONS DE PROTEINE DE POIS JAUNES AYANT UNE DIGESTIBILITE ET DES TAUX D'ACIDE AMINE ELEVES**
[72] FOSTER, SETH A., US
[72] FOSTER, TIM G., US
[72] CRANK, DONALD L., US
[73] INNOVATIVE PROTEINS HOLDING, LLC, US
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[73] CAMS S.R.L., IT
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[54] **DISPOSITIF DE FIXATION DE PANCARTE**
[72] KUCKSDORF, KEVIN ROGER, US
[72] KOPELKE, PAMELA ANN, US
[72] BETTINSON, PETER, CA
[73] J. J. KELLER & ASSOCIATES, INC., US
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[54] **FUSIBLE THERMIQUE ACTIVABLE**
[72] SIGNER, GUIDO, CH
[72] STRAUB, PETER, CH
[72] SCHIBLI, BENJAMIN, CH
[73] SCHURTER AG, CH
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[25] EN
[54] **STEEL MATERIAL HAVING EXCELLENT HYDROGEN INDUCED CRACKING (HIC) RESISTANCE FOR PRESSURE VESSEL AND MANUFACTURING METHOD THEREFOR**
[54] **MATERIAU EN ACIER AYANT UNE EXCELLENTE RESISTANCE A LA FISSURATION PAR L'HYDROGENE (HIC) POUR RECIPIENT SOUS PRESSION ET PROCEDE DE FABRICATION ASSOCIE**
[72] KIM, DAE-WOO, KR
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[54] **CONSTRUCTION MATERIAL**
[54] **MATERIAU DE CONSTRUCTION**
[72] BATENBURG, LAWRENCE FABIAN, NL
[72] VAN TILBURG, HENRICUS JOHANNES MARIA, NL
[73] REDEAHOLD APELDOORN B.V., NL
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[54] **RACCORD RAPIDE ET METHODE D'INSTALLATION**
[72] STIELER, DAVID C., US
[73] CADILLAC RUBBER & PLASTICS, INC., US
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[54] **SPRAY APPARATUS AND METHOD FOR COOLING A METAL STRAND IN A CONTINUOUS CASTING MACHINE**
[54] **APPAREIL DE PULVERISATION ET METHODE DE REFROIDISSEMENT D'UNE BANDE METALLIQUE DANS UNE MACHINE DE COULAGE EN CONTINU**
[72] FOSHAG, SIEGFRIED, DE
[72] FRICK, JURGEN, DE
[73] LECHLER GMBH, DE
[86] (3012932)
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[54] **HEAT TRANSFER SYSTEM AND ENVIRONMENTAL CONTROL SYSTEM WITH HEAT TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT DE CHALEUR ET SYSTEME DE CONTROLE ENVIRONNEMENTAL AVEC SYSTEME DE TRANSFERT DE CHALEUR**
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
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[25] EN
[54] **DISTRIBUTION HEAD OF A GRAVIMETRIC LOADING SYSTEM FOR BULK MATERIALS**
[54] **TETE DE DISTRIBUTION DE SYSTEME DE CHARGEMENT GRAVIMETRIQUE DE MATERIAUX EN VRAC**
[72] BAIER, HERMANN, DE
[72] BIER, STEFAN, DE
[72] PREISS, CHRISTIANE, DE
[72] VOLLMER, AMELIE, DE
[72] WINKHARDT, GUIDO, DE
[73] ZEPPELIN SYSTEMS GMBH, DE
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[54] **3D WEAVING MATERIAL AND METHOD OF 3D WEAVING FOR SPORTING IMPLEMENTS**
[54] **MATERIAU DE TISSAGE 3D ET PROCEDE DE TISSAGE 3D DESTINES A DU MATERIEL SPORTIF**
[72] CARON KARDOS, JEAN-FREDERIK, CA
[72] DUCHARME, MATHIEU, CA
[73] BAUER HOCKEY LTD., CA
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[54] **THICKENED OR STRUCTURED LIQUID DETERGENT COMPOSITIONS**
[54] **COMPOSITIONS DE DETERGENT LIQUIDE EPAISSIES OU STRUCTUREES**
[72] DE TROCH, LIESBET MARIA CORNELIA, BE
[72] FERNANDEZ-PRIETO, SUSANA, BE
[72] GUIDA, VINCENZO, BE
[72] KLOSTERMANN, MICHAEL, DE
[72] KOHLE, HANS-JURGEN, DE
[72] MATTHYS, BRUNO JEAN-PIERRE, BE
[72] SMETS, JOHAN, BE
[72] TIAN, GONGLU, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **UNITARY DEFLECTION MEMBER FOR MAKING FIBROUS STRUCTURES**
[54] **ELEMENT DE DEVIATION UNITAIRE POUR LA FABRICATION DE STRUCTURES FIBREUSES**
[72] MANIFOLD, JOHN ALLEN, US
[72] BRENT, JOHN LESLIE, JR., US
[72] SINGER, JAMES MICHAEL, US
[72] MELLIN, GUSTAV ANDRE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **COMPOSITIONS COMPRISING 2,3,3,3-TETRAFLUOROPROPENE, 1,1,2,3-TETRACHLOROPROPENE, 2-CHLORO-3,3,3-TRIFLUOROPROPENE, OR 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE**
[54] **COMPOSITIONS COMPRENANT DU 2,3,3,3-TETRAFLUOROPROPENE, DU 1,1,2,3-TETRACHLOROPROPENE, DU 2-CHLORO-3,3,3-TRIFLUOROPROPENE, OU DU 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE**
[72] NAPPA, MARIO JOSEPH, US
[73] THE CHEMOURS COMPANY FC, LLC, US
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[25] EN
[54] **INSTALLATION AND METHOD FOR FARMING OF FISH**
[54] **INSTALLATION ET PROCEDE D'ELEVAGE DE POISSONS**
[72] NORDAHL-PEDERSEN, GEIR, NO
[73] NORDAHL-PEDERSEN, GEIR, NO
[85] 2018-09-20
[86] 2017-04-06 (PCT/NO2017/050081)
[87] (WO2017/176125)
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[30] NO (20170034) 2017-01-09

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[54] **DRIVER GUIDANCE FOR GUIDED MANEUVERING**
[54] **GUIDAGE DE CONDUCTEUR POUR MAN□UVRE GUIDEE**
[72] LEWIS, MICHAEL W., US
[72] VAN LATUM, LUCAS, US
[72] ROTTIG, ANDREE, US
[72] CASSON, WILLIAM, US
[73] MODULAR MINING SYSTEMS, INC., US
[85] 2018-09-26
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[25] EN
[54] **APPARATUS FOR DECONTAMINATING EQUIPMENT HAVING INTERNAL CHANNELS (LUMENS)**
[54] **APPAREIL POUR DECONTAMINER UN EQUIPEMENT AYANT DES CANAUX INTERNES (LUMIERES)**
[72] CHOUINARD, ALAIN, CA
[72] MARTINEAU, LOUIS, CA
[72] ROBERT, MAXIME, CA
[72] VERREAULT, NICOLAS, CA
[73] STERIS INC., US
[85] 2018-10-11
[86] 2017-07-20 (PCT/US2017/043074)
[87] (WO2018/017833)
[30] US (62/365,615) 2016-07-22
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[25] EN
[54] **LOAD-FOLLOWING SMALL NUCLEAR REACTOR SYSTEM USING LIQUID METAL PRIMARY COOLANT**
[54] **PETIT SYSTEME DE REACTEUR NUCLEAIRE AVEC COMMANDE DE TYPE A SUIVI DE CHARGE UTILISANT UN FLUIDE DE REFROIDISSEMENT PRIMAIRE DE METAL LIQUIDE**
[72] SUMITA, OSAO, JP
[72] UENO, ISAO, JP
[72] YOKOMINE, TAKEHIKO, JP
[73] CLEAR INC., JP
[85] 2018-10-23
[86] 2017-04-25 (PCT/JP2017/016426)
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[25] EN
[54] **LOAD CONTROL DEVICE FOR A LIGHT-EMITTING DIODE LIGHT SOURCE**
[54] **DISPOSITIF DE COMMANDE DE CHARGE POUR SOURCE LUMINEUSE A DIODES ELECTROLUMINESCENTES**
[72] NEWMAN, ROBERT C., JR., US
[72] DEJONGE, STUART W., US
[73] LUTRON TECHNOLOGY COMPANY LLC, US
[85] 2018-10-24
[86] 2017-04-25 (PCT/US2017/029477)
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[25] EN
[54] **PUNCH FOR COMPRESSION MOLDS**
[54] **POINCON DESTINE A DES MOULES DE COMPRESSION**
[72] PENAZZI, DAVIDE, IT
[73] SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA, IT
[85] 2018-10-30
[86] 2017-07-07 (PCT/IB2017/054096)
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[25] EN
[54] **A NOVEL CELL AND THERAPEUTICAL AND DIAGNOSTICAL METHODS BASED THEREON**
[54] **NOUVELLE CELLULE ET PROCEDES THERAPEUTIQUES ET DIAGNOSTIQUES BASES SUR CELLE-CI**
[72] JALKANEN, SIRPA, FI
[72] SALMI, MARKO, FI
[72] JALKANEN, MARKKU, FI
[73] FARON PHARMACEUTICALS OY, FI
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[25] EN
[54] **GENERATING SYNTHETIC FRAME FEATURES FOR SENTINEL FRAME MATCHING**
[54] **GENERATION DE CARACTERISTIQUES DE TRAMES SYNTHETIQUES POUR UNE MISE EN CORRESPONDANCE DE TRAMES SENTINELLES**
[72] LI, RENXIANG, US
[72] EMEOTT, STEPHEN P., US
[72] ISHTIAQ, FAISAL, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2018-11-13
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[54] **ANISOTROPY AND DIP ANGLE DETERMINATION USING ELECTROMAGNETIC (EM) IMPULSES FROM TILTED ANTENNAS**
[54] **DETERMINATION D'ANISOTROPIE ET D'ANGLE D'INCLINAISON A L'AIDE D'IMPULSIONS ELECTROMAGNETIQUES (EM) PROVENANT D'ANTENNES INCLINEES**
[72] HAGIWARA, TERUHIKO, US
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-11-14
[86] 2017-03-02 (PCT/US2017/020391)
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[51] **Int.Cl. B26B 1/08 (2006.01)**
[25] EN
[54] **BLADE FOR CUTTER KNIFE**
[54] **LAME POUR COUTEAU**
[72] TAKASHIMA, YOSUKE, JP
[73] OLFA CORPORATION, JP
[85] 2018-11-23
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[25] EN
[54] **FILTERING SYSTEM AND GAS FLOW CONTROL DEVICE FEATURING POVOTING DAMPER BLADE**
[54] **SYSTEME DE FILTRATION ET DISPOSITIF DE REGULATION D'ECOULEMENT DE GAZ COMPRENANT UNE PALE D'AMORTISSEUR PIVOTANTE**
[72] SHELLENBERGER, JEFFREY, US
[73] AMEC FOSTER WHEELER INDUSTRIAL POWER COMPANY, INC., US
[85] 2018-11-26
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[54] **PANELIZED STRUCTURAL SYSTEM FOR BUILDING CONSTRUCTION**
[54] **SYSTEME STRUCTUREL PAR PANNEAUX POUR REALISATION D'UNE CONSTRUCTION**
[72] VANKER, JOHN LOUIS, US
[72] LASTOWSKI, MICHAEL J., US
[73] PATCO, LLC, US
[86] (3025907)
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[25] EN
[54] **BIOMIMETIC MINERAL BASED ENDODONTIC CEMENT COMPOSITION AND USES THEREOF**
[54] **COMPOSITION BIOMIMETIQUE DE CIMENT ENDODONTIQUE A BASE MINERALE ET SES UTILISATIONS**
[72] GUZMAN, JASON EDWARD, US
[73] ESSENTIAL DENTAL SYSTEMS, INC., US
[85] 2018-11-23
[86] 2017-05-11 (PCT/US2017/032068)
[87] (WO2017/205058)
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[54] **MODULAR DEVICE FOR CELL SPRAYING**
[54] **DISPOSITIF MODULAIRE POUR LA PULVERISATION DE CELLULES**
[72] BHOGAL, JATINDER S., CA
[72] SCHUBERT, FRANK, DE
[72] BOLD, THOMAS, DE
[73] RENOVACARE SCIENCES CORP., US
[85] 2018-12-12
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[51] **Int.Cl. G06F 16/93 (2019.01) G06K 9/62 (2006.01)**
[25] EN
[54] **DIGITAL IMAGE ARCHIVING AND RETRIEVAL USING A MOBILE DEVICE SYSTEM**
[54] **ARCHIVAGE ET EXTRACTION D'IMAGES NUMERIQUES AU MOYEN D'UN SYSTEME DE DISPOSITIF MOBILE**
[72] CHAUDHURY, KRISHNENDU, IN
[72] GARG, ASHUTOSH, US
[72] PHUKAN, PRASENJIT, US
[72] SARAF, ARVIND, IN
[73] GOOGLE LLC, US
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[25] EN
[54] **APPARATUS FOR HEATING SMOKABLE MATERIAL**
[54] **APPAREIL POUR CHAUFFAGE D'UNE SUBSTANCE DESTINEE A ETRE FUMEE**
[72] WILKE, ANDREW P., US
[72] PAPROCKI, BENJAMIN J., US
[72] KAUFMAN, DUANE A., US
[72] BLANDINO, THOMAS P., US
[73] NICOVENTURES TRADING LIMITED, GB
[85] 2018-12-17
[86] 2017-06-27 (PCT/EP2017/065908)
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[30] US (62/356,334) 2016-06-29

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[51] **Int.Cl. G06T 3/00 (2006.01)**
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[54] **PANORAMIC IMAGE COMPRESSION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE COMPRESSION D'IMAGE PANORAMIQUE**
[72] ZHU, JIADAN, CN
[72] WANG, TAO, CN
[73] BEIJING QIYI CENTURY SCIENCE & TECHNOLOGY CO., LTD., CN
[85] 2018-12-19
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[30] CN (201611248836.9) 2016-12-29

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[25] EN
[54] **HYDROGEL PATCH**
[54] **TIMBRE D'HYDROGEL**
[72] KIM, JEONG BEOM, KR
[72] NAM, DONG GYU, KR
[73] SUPINE THERAPEUTICS CO., LTD., KR
[85] 2018-12-21
[86] 2018-03-14 (PCT/KR2018/003011)
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[30] KR (10-2017-0032019) 2017-03-14
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[54] **RING SIZING INSERT**
[54] **INSERT DE BAGUIER**
[72] VONGNAKHONE, CHALEUNXAY, CA
[73] KALI GROUP HOLDINGS & CO. INC., CA
[86] (3029665)
[87] (3029665)
[22] 2019-01-10
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[51] **Int.Cl. G05F 1/02 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING ARCING**
[54] **SYSTEMES ET METHODES DE CONTROLE DE PRODUCTION D'ARC ELECTRIQUE**
[72] WHAM, ROBERT H., US
[72] FAULKNER, WILLIAM D., US
[72] TONN, DONALD L., US
[73] COVIDIEN LP, US
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[25] EN
[54] **METHOD FOR SEPARATING HYDROCARBONS FROM POLYMER**
[54] **PROCEDE DE SEPARATION D'HYDROCARBURES A PARTIR D'UN POLYMERE**
[72] KANELLOPOULOS, VASILEIOS, AT
[72] AL-HAJ ALI, MOHAMMAD, FI
[72] KRALLIS, APOSTOLOS, FI
[73] BOREALIS AG, AT
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[25] EN
[54] **DRIVE DEVICE**
[54] **DISPOSITIF DE PROPULSION**
[72] HELLMUTH, TORSTEN, DE
[72] LAU-BOMERT, WOLFGANG, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2019-02-01
[86] 2017-07-25 (PCT/EP2017/068733)
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[25] EN
[54] **METHOD AND SYSTEM FOR SHAPE-MEMORY ALLOY WIRE CONTROL**
[54] **PROCEDE ET SYSTEME POUR LE CONTROLE D'UN FIL EN ACIER ALLIE A MEMOIRE DE FORME**
[72] MURPHY, COLIN H., US
[72] KAMEN, DEAN, US
[72] KERWIN, JOHN M., US
[72] GRAY, LARRY B., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[25] EN
[54] **COMPOSITIONS COMPRISING BACTERIAL STRAINS**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES**
[72] JEFFERY, IAN, IE
[72] SHANAHAN, FERGUS, IE
[72] O'TOOLE, PAUL, IE
[72] STEVENSON, ALEX, GB
[72] MULDER, IMKE, GB
[72] SAVIGNAC, HELENE, GB
[73] 4D PHARMA PLC, GB
[85] 2019-02-15
[86] 2017-12-12 (PCT/GB2017/053722)
[87] (WO2018/109461)
[30] GB (1621123.7) 2016-12-12

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[51] **Int.Cl. C08J 9/14 (2006.01) B32B 5/20 (2006.01) C08G 18/06 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ISOCYANATE-BASED FOAM CONSTRUCTION BOARDS**
[54] **PROCEDE DE PRODUCTION DE PANNEAUX DE CONSTRUCTION EN MOUSSE A BASE D'ISOCYANATE**
[72] LETTS, JOHN B., US
[72] YAO, CHUNHUA, US
[72] HUBBARD, MICHAEL J., US
[73] FIRESTONE BUILDING PRODUCTS CO., LLC, US
[85] 2019-02-15
[86] 2017-08-21 (PCT/US2017/047819)
[87] (WO2018/035526)
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[13] C
[51] **Int.Cl. G07F 17/30 (2006.01) G06F 3/14 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **DIGITAL JUKEBOX DEVICE WITH IMPROVED USER INTERFACES, AND ASSOCIATED METHODS**
[54] **DISPOSITIF DE JUKE-BOX NUMERIQUE AYANT DES INTERFACES D'UTILISATEUR PERFECTIONNEES, ET PROCEDES ASSOCIES**
[72] BEAUMIER, FRANCOIS, US
[72] DESMARAIS, REMI, US
[72] HEBERT, SEBASTIEN, US
[72] GRATTON, LOIC, US
[72] KHENFIR, MOUNIR, US
[72] RIVERA, ED, US
[72] TOOKER, MICHAEL, US
[72] POMPIDOR, CHRISTIAN, US
[73] TOUCHTUNES MUSIC CORPORATION, US
[86] (3034363)
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[62] 2,881,503
[30] US (61/298,509) 2010-01-26
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[51] **Int.Cl. H04L 12/28 (2006.01) H04Q 11/00 (2006.01)**
[25] EN
[54] **DOCSIS OVER PASSIVE OPTICAL NETWORK**
[54] **DOCSIS SUR RESEAU OPTIQUE PASSIF**
[72] SHULMAN, SHAUL, IL
[72] RAY, GUY, IL
[72] KLIMKER, AMOS, IL
[72] PRIEV, AVI, IL
[73] INTEL CORPORATION, US
[85] 2019-02-25
[86] 2016-11-28 (PCT/US2016/063844)
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[30] US (62/401,347) 2016-09-29

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[51] **Int.Cl. C08F 4/16 (2006.01) C08F 4/02 (2006.01) C08F 4/22 (2006.01) C08F 10/02 (2006.01)**
[25] EN
[54] **SUPPORTED CATALYSTS COMPRISING TITANIUM AND CHROMIUM**
[54] **CATALYSEURS SUPPORTES RENFERMANT DU TITANE ET DU CHROME**
[72] MCDANIEL, MAX P., US
[72] SCHWERDTFEGER, ERIC D., US
[72] PRAETORIUS, JEREMY M., US
[72] SOLENBERGER, ALAN L., US
[72] CLEAR, KATHY S., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2019-02-26
[86] 2017-09-26 (PCT/US2017/053468)
[87] (WO2018/064050)
[30] US (15/281,538) 2016-09-30

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[13] C
[51] **Int.Cl. B65G 47/64 (2006.01) B65G 54/02 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR CREATING FINISHED PRODUCTS**
[54] **SYSTEME DE VOIE POUR LA CREATION DE PRODUITS FINIS**
[72] BURKHARD, RYAN ANDREW, US
[72] MOORE, NATHAN E., US
[72] FIKES, ELIZABETH MARIE, US
[72] ROYCE, DANIEL RICHARD, US
[72] ORNDORFF, JASON MATTHEW, US
[72] LYMAN, CHRISTOPHER ROBERT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-02-28
[86] 2017-09-08 (PCT/US2017/050601)
[87] (WO2018/049106)
[30] US (62/385,293) 2016-09-09

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[25] EN
[54] **A COMPOUND THAT SELECTIVELY BINDS TO CD123 AND USE THEREOF TO KILL HEMATOLOGIC CANCER PROGENITOR CELLS**
[54] **COMPOSE QUI SE LIE SELECTIVEMENT AU CD123 ET QUI UTILISE CE MECANISME POUR TUER LES PROGENITEURS DANS LES CANCERS HEMATOLOGIQUES**
[72] JORDAN, CRAIG T., US
[73] JORDAN, CRAIG T.,
[73] UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US
[86] (3036031)
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[54] **AMPLIFIER FREQUENCY MATCHING FOR QUBIT READOUT**
[54] **ADAPTATION DE FREQUENCE D'AMPLIFICATEUR DESTINEE A UNE LECTURE DE BITS QUANTIQUES**
[72] WHITE, THEODORE CHARLES, US
[72] KELLY, JULIAN SHAW, US
[73] GOOGLE LLC, US
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[54] **OPERATOR CONTROL APPARATUS**
[54] **APPAREIL DE CONTROLE D'OPERATEUR**
[72] BURCHARD, THOMAS, DE
[72] BAUER, HANS-PETER, DE
[73] NBB HOLDING AG, DE
[85] 2019-03-07
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[54] **TUBING AND ANNULAR GAS LIFT**
[54] **TUBAGE ET EXTRACTION AU GAZ ANNULAIRE**
[72] ARCHA, WILLIAM G., US
[72] MOZISEK, CORBIN, US
[73] LIBERTY LIFT SOLUTIONS, LLC, US
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[73] BEAVER-VISITEC INTERNATIONAL, INC., US
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[54] **METHOD FOR THE MANUFACTURE OF A CREAM CHEESE**
[54] **PROCEDE DE FABRICATION D'UN FROMAGE A LA CREME**
[72] SPIEGEL, THOMAS, DE
[72] WOLFSCHOON-POMBO, ALAN, DE
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2019-03-14
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[54] **SOLID FORMS OF 3-(5-AMINO-2-METHYL-4-OXO-4H-QUINAZOLIN-3-YL)-PIPERIDINE-2,6-DIONE, AND THEIR PHARMACEUTICAL COMPOSITIONS AND USES**
[54] **FORMES SOLIDES DE 3-(5-AMINO-2METHYL-4-OXO-4H-QUINAZOLIN-3-YL)-PIPERIDINE-2,6-DIONE, LEURS COMPOSITIONS PHARMACEUTIQUES ET LEURS UTILISATIONS**
[72] MULLER, GEORGE W., US
[72] MAN, HON-WAH, US
[72] COHEN, BENJAMIN M., US
[72] LI, YING, US
[72] XU, JEAN, US
[72] LEONG, WILLIAM W., US
[73] CELGENE CORPORATION, US
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[54] **PIN-BASED NON-METALLIC FITTINGS FOR ATTACHMENT OF FLEXIBLE METALLIC CONDUIT**
[54] **RACCORDS NON METALLIQUES A BASE DE BROCHE POUR LA FIXATION D'UN CONDUIT METALLIQUE FLEXIBLE**
[72] CALIENDO, GUY P., US
[72] MARKUS, ROBERT, US
[72] WALDMANN, SAMUEL, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2019-03-19
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[25] EN
[54] **A UNITARY ASSEMBLY FOR AN ARCHITECTURAL FENESTRATION, PROVIDING DYNAMIC SOLAR HEAT GAIN CONTROL**
[54] **ENSEMBLE UNITAIRE POUR UN FENETRAGE ARCHITECTURAL, PRODUISANT UNE COMMANDE DE GAIN DE CHALEUR SOLAIRE DYNAMIQUE**
[72] COLSON, WENDELL B., US
[72] HARTMAN, DAVID P., US
[72] FOGARTY, DANIEL M., US
[73] HUNTER DOUGLAS INC., US
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[54] **SYSTEM AND METHOD FOR IMPROVING ROTATING SURVEY ACCURACY**
[54] **SYSTEME ET PROCEDE VISANT A AMELIORER LA PRECISION DE SONDAGE ROTATIF**
[72] ZACHARKO, JONATHAN PETER, US
[72] RAJAGOPALAN, SATISH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-21
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[54] **BIOABSORBABLE MULTILAYER NASAL VALVE SPREADER GRAFT**
[54] **GREFFE D'ECARTEUR DE LA VALVE NASALE, MULTICOUCHE, BIOABSORBABLE**
[72] CHEN, G. GAVIN, US
[72] GUO, JIANXIN, US
[72] HRISTOV, KRASIMIRA, US
[72] MATRUNICH, JAMES A., US
[72] ZHOU, JIANGUO JACK, US
[73] ETHICON, INC., US
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[54] **BIODEGRADABLE NONWOVEN FABRIC**
[54] **TISSU NON TISSE BIODEGRADABLE**
[72] YAMADA, YUSUKE, JP
[72] OKAMURA, CHIE, JP
[72] MATSUMOTO, TAKUYA, JP
[72] OBI, RUMINA, JP
[72] KATO, KAZUFUMI, JP
[73] ASAHI KASEI KABUSHIKI KAISHA, JP
[85] 2019-03-28
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[54] **ADDITIVES FOR CURABLE LIQUID COMPOSITIONS**
[54] **ADDITIFS POUR COMPOSITIONS LIQUIDES DURCISSABLES**
[72] SANTHANAM, RAGHU, US
[73] DURA CHEMICALS, INC., US
[86] (3040096)
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[54] **ORTHOPEDIC WALKING BOOT HAVING A MECHANICALLY ADJUSTABLE RAMP INSERT**
[54] **CHAUSSURE DE MARCHE ORTHOPEDIQUE COMPRENANT UN INSERT DE RAMPE MECANIQUEMENT AJUSTABLE**
[72] ORR, DAVID, US
[73] DJO, LLC, US
[85] 2019-04-18
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[25] EN
[54] **METHOD OF REAL-TIME TRACKING OF MOVING/FLEXIBLE SURFACES**
[54] **METHODE DE SUIVI EN TEMPS REEL DE SURFACES MOBILES/FLEXIBLES**
[72] UMASUTHAN, MANICKAM, CA
[72] MUKHERJI, RAJA, CA
[72] SHANG, LIMIN, CA
[73] MACDONALD, DETTWILER AND ASSOCIATES INC., CA
[86] (3041707)
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[54] **RECEPTACLE CONNECTOR FOR A WEARABLE ARTICLE**
[54] **EMBASE DE CONNECTEUR POUR UN ARTICLE VESTIMENTAIRE**
[72] YI, CHONG HUN, US
[72] BOUTIN, SIMON ANDRE, CA
[72] MILLER, KEITH EDWIN, US
[72] BELACK, DUSTIN CARSON, US
[73] TE CONNECTIVITY CORPORATION, US
[73] TYCO ELECTRONICS CANADA ULC, CA
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[54] **NOVEL DOWNHOLE METHODS**
[54] **METHODES DE FOND DE TROU NOVATRICES**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[73] FLUID ENERGY GROUP LTD., CA
[86] (3042913)
[87] (3042913)
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[25] EN
[54] **PLANT FOR THE PRODUCTION AND DISTRIBUTION OF BITUMINOUS CONGLOMERATES**
[54] **INSTALLATION POUR LA PRODUCTION ET LA DISTRIBUTION DE CONGLOMERATS BITUMINEUX**
[72] PIRAZZINI, ANDREA, IT
[72] TOMBA, SIMONA, IT
[72] BERTONI, ENRICO, IT
[73] MARINI S.P.A., IT
[85] 2019-05-30
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[51] **Int.Cl. A47J 27/08 (2006.01) A47J 27/09 (2006.01)**
[25] EN
[54] **A SPLIT-TYPE ELECTRIC PRESSURE COOKER WITH A MOTOR DRIVEN VENT VALVE**
[54] **AUTOCUISEUR ELECTRIQUE DE TYPE PARTAGE DOTE D'UNE SOUPAPE D'EVACUATION ENTRAINEE PAR UN MOTEUR**
[72] PENG, FENG, CN
[72] YANG, XINGGUO, CN
[72] MO, RONGKANG, CN
[73] FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MANUFACTURING CO., LTD., CN
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[54] **LIGHT CONTROLLING ASSEMBLY FOR AN EGG IDENTIFICATION SYSTEM, AND ASSOCIATED METHOD**
[54] **ENSEMBLE DE COMMANDE D'ECLAIRAGE POUR UN SYSTEME D'IDENTIFICATION D'OEUFET PROCEDE ASSOCIE**
[72] SUH, WILLIAM DONGWOOK, US
[72] WALUKAS, JOEL JAMES, US
[73] ZOETIS SERVICES LLC, US
[85] 2019-06-03
[86] 2017-12-15 (PCT/US2017/066560)
[87] (WO2018/118667)
[30] US (62/436,502) 2016-12-20

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[51] **Int.Cl. H02J 7/02 (2016.01) B60R 16/02 (2006.01)**
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[54] **ON-BOARD BIDIRECTIONAL AC FAST CHARGER FOR ELECTRIC VEHICLES**
[54] **CHARGEUR RAPIDE CA BIDIRECTIONNEL EMBARQUE POUR VEHICULES ELECTRIQUES**
[72] LEHN, PETER, CA
[72] SOONG, THEODORE, CA
[72] GRAY, PHILIPPE, CA
[72] SEMSAR, SEPEHR, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[73] HAVELAAR CANADA INDUSTRIAL R & D LABORATORY LTD., CA
[85] 2019-06-04
[86] 2018-10-12 (PCT/CA2018/051292)
[87] (WO2019/071360)
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[54] **ENHANCED BACKFLOW PREVENTION IN A HEMODIALYSIS DEVICE**
[54] **PREVENTION AMELIOREE DU REFLUX DANS UN DISPOSITIF D'HEMODIALYSE**
[72] CRNKOVICH, MARTIN, US
[72] LEVIN, ROLAND, US
[72] WANG, FEI, US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[54] **ELECTRONIC RELEASE TOOL**
[54] **OUTIL A DEGAGEMENT ELECTRONIQUE**
[72] HOLODNAK, JOHN D., US
[72] HOHMANN, GARRETT M., US
[72] ORTIZ, SANTOS D., US
[72] MCBRIDE, GENE, US
[72] RAJARAM, SRIDHAR, US
[72] KING, GEORGE, US
[73] HUNTING TITAN, INC., US
[85] 2019-06-12
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[51] **Int.Cl. A63B 31/11 (2006.01) A43B 5/00 (2006.01) B63H 1/36 (2006.01)**
[25] EN
[54] **FLIPPERS, BOOTS, SYSTEMS INCLUDING SAME, AND METHODS OF USING SAME**
[54] **PALMES, BOTTES, SYSTEMES COMPRENANT CES DERNIERES, ET LEURS PROCEDES D'UTILISATION**
[72] ORTWIG, JAN PETER, CA
[73] HIEBLER SPORTS GMBH, AT
[86] (3047569)
[87] (3047569)
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[54] **AUTOMOTIVE TRANSPORTATION SYSTEMS AND METHODS FOR MONITORING ACTIVITY AND PROVIDING CONTROLLED RESPONSE**
[54] **SYSTEMES DE TRANSPORT AUTOMOBILE, ET PROCEDES DE SURVEILLANCE D'ACTIVITE ET DE FOURNITURE DE REPONSE CONTROLEE**
[72] STATON, FIELDING B., US
[72] STRUMPF, DAVID, US
[73] NEWTONOID TECHNOLOGIES, L.L.C., US
[85] 2019-06-28
[86] 2018-03-20 (PCT/US2017/059681)
[87] (WO2019/089026)
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[51] **Int.Cl. G06F 21/31 (2013.01) G06Q 20/40 (2012.01)**
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[54] **FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS**
[54] **FORMAT DE FICHIER, PLATE-FORME DE STOCKAGE ET VERIFICATION DE JUSTIFICATIFS D'IDENTITE**
[72] SARKISSIAN, SHAUNT M., US
[73] CORTEX MCP, INC., US
[86] (3050656)
[87] (3050656)
[22] 2013-12-20
[62] 2,934,873
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[51] **Int.Cl. G06F 16/22 (2019.01)**
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[54] **SYSTEM AND METHOD FOR IMPLEMENTING A SCALABLE DATA STORAGE SERVICE**
[54] **SYSTEME ET PROCEDE DE MISE EN .UVRE D'UN SERVICE DE STOCKAGE DE DONNEES EXTENSIBLE**
[72] SIVASUBRAMANIAN, SWAMINATHAN, US
[72] STEFANI, STEFANO, US
[72] BURAGOHAIN, CHIRANJEEB, US
[72] BLACKMAN, RANDE A., US
[72] RATH, TIMOTHY ANDREW, US
[72] BRADFORD, RAYMOND S., US
[72] MCALISTER, GRANT A. M., US
[72] KULESZA, JAKUB, US
[72] HAMILTON, JAMES, US
[72] CABRERA, LUIS FELIPE, US
[73] AMAZON TECHNOLOGIES, INC., US
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[25] EN
[54] **A CONTROL METHOD OF A CRUSHER AND A CRUSHER OF ELEMENTS TO BE RECYCLED OR DISPOSED**
[54] **PROCEDE DE COMMANDE DE CONCASSEUR ET CONCASSEUR D'ELEMENTS A RECYCLER OU JETER**
[72] VENTURI, MARCO, IT
[72] BIAVATI, MAURO, IT
[73] CAMS S.R.L., IT
[85] 2019-08-13
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[54] **TRAILER HITCH STEP ASSEMBLY**
[54] **ENSEMBLE POUR MARCHE D`ATTELAGE DE REMORQUE**
[72] MASANEK, FREDERICK W., JR., US
[73] MACNEIL IP LLC, US
[86] (3055357)
[87] (3055357)
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[25] EN
[54] **USE OF HETEROCYCLIC COMPOUNDS IN THE TREATMENT OF PIGMENTED SKIN**
[54] **UTILISATION DE COMPOSES HETEROCYCLIQUES DANS LE TRAITEMENT DE LA PEAU PIGMENTEE**
[72] MUNBLIT, IZABELLA, IL
[72] TSIPE, KARINA, IL
[73] ATIR HOLDING S.A., LU
[85] 2019-09-09
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[25] EN
[54] **SYNTHESIS OF LONG-CHAIN POLYUNSATURATED FATTY ACIDS BY RECOMBINANT CELLS**
[54] **SYNTHESE D'ACIDES GRAS POLYINSATURES A CHAINE LONGUE PAR DES CELLULES DE RECOMBINAISON**
[72] SINGH, SURINDER PAL, AU
[72] ROBERT, STANLEY SURESH, AU
[72] NICHOLS, PETER DAVID, AU
[72] BLACKBURN, SUSAN IRENE ELLIS, AU
[72] ZHOU, XUE-RONG, AU
[72] PETRIE, JAMES ROBERTSON, AU
[72] GREEN, ALLAN GRAHAM, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[86] (3056163)
[87] (3056163)
[22] 2005-04-22
[62] 3,023,314
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[51] **Int.Cl. H04L 1/18 (2006.01) H04L 1/16 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE BY WHICH TERMINAL RECEIVES DATA IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET DISPOSITIF PERMETTANT A UN TERMINAL DE RECEVOIR DES DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] MYUNG, SECHANG, KR
[72] KIM, SEONWOOK, KR
[72] PARK, HANJUN, KR
[72] AHN, JOONKUI, KR
[72] YANG, SUCKCHEL, KR
[73] LG ELECTRONICS INC., KR
[85] 2019-09-13
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[54] **BALL TRAJECTORY TRACKING**
[54] **SUIVI DE TRAJECTOIRE DE BALLE**
[72] TSIZIN-GOLDMAN, EVGENY, IL
[72] KHAZANOV, EVGENI, IL
[72] OR, ISRAEL, IL
[72] SHACHAR, CHEN, IL
[73] PLAYSIGHT INTERACTIVE LTD., IL
[85] 2019-10-22
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[51] **Int.Cl. H04W 64/00 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM OF MOBILE DEVICE SEQUENCING FOR LOCALIZATION**
[54] **PROCEDE ET SYSTEME POUR LOCALISATION D`UN APPAREIL DE SEQUENCAGE MOBILE**
[72] HUBERMAN, SEAN, CA
[73] MAPSTED CORP., CA
[86] (3065025)
[87] (3065025)
[22] 2019-12-12
[30] US (16/354,554) 2019-03-15

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[25] EN
[54] **METHOD, DEVICE AND COMPUTER PROGRAM FOR VIRTUALLY ADJUSTING THE SPECTACLE FRAME**
[54] **PROCEDE, DISPOSITIF ET PROGRAMME INFORMATIQUE POUR ADAPTER VIRTUELLEMENT UNE MONTURE DE LUNETTES**
[72] SCHWARZ, OLIVER, DE
[72] IHRKE, IVO, DE
[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[85] 2019-12-02
[86] 2018-06-01 (PCT/EP2018/064519)
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[25] EN
[54] **LINEAR ASSETS INSPECTION SYSTEM**
[54] **SYSTEME LINEAIRE DE CONTROLE D'ACTIFS**
[72] TAYS, DWIGHT, CA
[72] LILLEY, DAVID, CA
[72] ABBOTT, BRIAN, CA
[73] CANADIAN NATIONAL RAILWAY COMPANY, CA
[86] (3077295)
[87] (3077295)
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[25] EN
[54] **TAILOR DISTRIBUTED AMPLIFICATION FOR FIBER SENSING**
[54] **AMPLIFICATION DISTRIBUEE PERSONNALISEE POUR DETECTION DE FIBRE**
[72] ROWEN, EITAN, IL
[72] INBAR, ERAN, IL
[73] PRISMA PHOTONICS LTD., IL
[85] 2020-03-30
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[25] EN
[54] **LUSTERLESS PAINT AND SKIN MATERIAL**
[54] **PEINTURE MATE ET MATERIAU DE PEAU**
[72] NAKAYAMA, TORU, JP
[72] MATSUOKA, YOICHI, JP
[72] YOSHIDA, MAYO, JP
[72] OYAMA, MASASHI, JP
[73] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
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[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR CONDUCTING AN ONLINE TRANSACTION TO FULFILL A RAIL-SHIPMENT SERVICE INQUIRY OR A RAIL-SHIPMENT SERVICE ORDERING**
[54] **SYSTEME, APPAREIL ET PROCEDE POUR EFFECTUER UNE TRANSACTION EN LIGNE AFIN DE REMPLIR UNE DEMANDE DE RENSEIGNEMENTS SUR UN SERVICE D'EXPEDITION FERROVIAIRE OU UNE COMMANDE DE SERVICE D'EXPEDITION FERROVIAIRE**
[72] PODGURNY, LEONARD JOHN, CA
[72] ERNESAKS, ANITA, CA
[73] CANADIAN NATIONAL RAILWAY COMPANY, CA
[86] (3080333)
[87] (3080333)
[22] 2002-02-01
[62] 3,033,823

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[25] EN
[54] **CONTROLLING OPERATION AND POSITION OF A LANCE AND NOZZLE ASSEMBLY IN A MOLTEN METAL BATH IN A VESSEL**
[54] **COMMANDE DU FONCTIONNEMENT ET DE LA POSITION D'UN ENSEMBLE LANCE ET BUSE DANS UN BAIN DE METAL FONDU DANS UN RESERVOIR**
[72] GREEN, EDWARD J., US
[72] DENGEL, DEREK S., US
[73] BERRY METAL COMPANY, US
[85] 2020-04-30
[86] 2019-08-19 (PCT/US2019/047116)
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[25] EN
[54] **DEVICE AND METHOD FOR GENERATING TEXT REPRESENTATIVE OF LIP MOVEMENT**
[54] **DISPOSITIF ET PROCEDE DE GENERATION DE TEXTE REPRESENTATIF DU MOUVEMENT DES LEVRES**
[72] VARNER, STEPHEN, US
[72] LIN, WEI, US
[72] EKL, RANDY L., US
[72] LAW, DANIEL A., US
[73] MOTOROLA SOLUTIONS, INC., US
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[25] EN
[54] **ANODE COATING COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE REVETEMENT D'ANODE ET UTILISATIONS CORRESPONDANTES**
[72] ALLAIRE, CLAUDE, CA
[72] JERBI, LOBNA, CA
[72] TORREALBA, MARIA V., CA
[73] LABORATOIRE CIR INC., CA
[86] (3087436)
[87] (3087436)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PREPARING DATA FOR USE BY MACHINE LEARNING ALGORITHMS**
[54] **SYSTEMES ET PROCEDES DE PREPARATION DE DONNEES DESTINEES A ETRE UTILISEES PAR DES ALGORITHMES D'APPRENTISSAGE AUTOMATIQUE**
[72] COPPER, JACK, KY
[73] COPPER, JACK, KY
[85] 2020-07-06
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[25] EN
[54] **ADAPTIVE CONTROL OF A MOWER**
[54] **COMMANDE ADAPTATIVE DE TONDEUSE**
[72] APOSHIAN, STEVEN, US
[72] ASTON, ERIC, US
[72] DECKER, WILLIAM, US
[72] DRAKE, SAMUEL, US
[73] FIREFLY AUTOMATIX, INC., US
[85] 2020-08-06
[86] 2019-01-31 (PCT/US2019/016142)
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[25] EN
[54] **QUASI-CYLINDRICAL CARGO CONTAINER AND CONSTRUCTION**
[54] **CONTENEUR QUASI-CYLINDRIQUE ET CONSTRUCTION**
[72] KLOEPFER, MICHAEL, CA
[73] TITAN TRAILERS INC., CA
[86] (3091278)
[87] (3091278)
[22] 2018-06-15
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[25] EN
[54] **ROTICULATING THERMODYNAMIC APPARATUS**
[54] **APPAREIL THERMODYNAMIQUE DE ROTICULATION**
[72] FENTON, JONATHAN, GB
[73] FETU LIMITED, GB
[85] 2020-08-19
[86] 2019-02-15 (PCT/GB2019/050402)
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[25] EN
[54] **METHOD AND SYSTEM FOR BONE REGENERATION**
[54] **PROCEDE ET SYSTEME DE REGENERATION OSSEUSE**
[72] PETERSON, BRIAN, US
[72] RIEHM-CONSTANTINO, MERRY, US
[72] FOURNIER, JOHN, US
[72] HANGEN, AMY, US
[72] GELLMAN, GREGG, US
[72] FURLANI, ED (DECEASED), US
[73] GARWOOD MEDICAL DEVICES, LLC, US
[85] 2020-09-01
[86] 2019-03-21 (PCT/US2019/023294)
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[25] EN
[54] **DYNAMIC RACE COURSE USING AN AIRCRAFT SYSTEM SWARM**
[54] **PARCOURS DE COURSE DYNAMIQUE UTILISANT UN ESSAIM DE SYSTEME D'AERONEF**
[72] DIETRICH, GEORGE, CA
[72] OQAB, HAROON B., CA
[73] COLUMBIAD LAUNCH SERVICES INC., CA
[85] 2020-09-09
[86] 2019-03-08 (PCT/IB2019/051912)
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[25] EN
[54] **AIR-BOOM SPREADER FOR PARTICULATE MATERIAL**
[54] **EPANDEUSE A MAT PNEUMATIQUE DESTINEE A UN MATERIAU PARTICULAIRE**
[72] GRAY, GEOF J., CA
[72] AVERNICK, JOHN MARK, CA
[72] BAKER, BRADLEY WILLIAM, CA
[72] DYCK, JESSE ABRAM, CA
[72] PASMA, CHAD DEREK, CA
[72] GOVEIA, SIMON, CA
[72] POPPE, CHRISTOPHER MICHAEL, CA
[72] STRAATMAN, TROY MICHAEL, CA
[72] LEHMAN, ADAM PETER, CA
[73] SALFORD GROUP INC., CA
[85] 2020-10-22
[86] 2020-07-13 (PCT/CA2020/050970)
[87] (3096943)
[30] US (62/908,132) 2019-09-30

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[25] EN
[54] **MONOLITHIC PHOSPHOR COMPOSITE FOR SENSING SYSTEMS**
[54] **COMPOSITE DE PHOSPHORE MONOLITHIQUE POUR SYSTEMES DE CAPTAGE**
[72] JOHNSON, NOAH JOE, CA
[72] MELL, ONDREJ, CA
[72] GOLDSTEIN, MICHAEL WILLIAM, CA
[73] ACCELOVANT TECHNOLOGIES CORPORATION, CA
[86] (3097488)
[87] (3097488)
[22] 2020-10-29
[30] US (16/818968) 2020-03-13

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[54] **POLE HANDLE AND POLE COMPRISING SAID POLE HANDLE**
[54] **POIGNEE DE BATON ET POIGNEE COMPRENANT LADITE POIGNEE DE BATON**
[72] HEIM, EBERHARD, DE
[72] BOING, TOBIAS, DE
[72] VOCELKA, JAN, CZ
[73] LEKISPORT AG, CH
[85] 2020-10-29
[86] 2019-04-23 (PCT/EP2019/060341)
[87] (WO2019/211124)
[30] CH (00563/18) 2018-05-04

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[51] **Int.Cl. F01K 25/10 (2006.01)**
[25] EN
[54] **ELECTRIC POWER GENERATING SYSTEM**
[54] **SYSTEME DE PRODUCTION D'ENERGIE ELECTRIQUE**
[72] NAGASHIMA, KAZUHIKO, JP
[73] NAGASHIMA, KAZUHIKO, JP
[85] 2020-10-29
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[54] **DRINKING STRAW**
[54] **PAILLE**
[72] ADEL, SHELA, CA
[71] ADEL, SHELA, CA
[22] 2019-09-23
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[51] **Int.Cl. A01K 99/00 (2006.01) A01K 85/00 (2006.01)**
[25] EN
[54] **BAIT MASTERS INC ALTERNATIVE BAIT**
[54] **NOUVEL APPAT DE BAIT MASTERS INC.**
[72] PREVOST, MARK, CA
[72] MACPHEE, WALLY, CA
[71] PREVOST, MARK, CA
[71] MACPHEE, WALLY, CA
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[51] **Int.Cl. F16B 11/00 (2006.01) F16B 5/07 (2006.01) F16B 5/08 (2006.01) F16S 1/02 (2006.01)**
[25] EN
[54] **JOINING METHOD AND COMPOSITE**
[54] **METHODE DE RACCORD ET COMPOSITE**
[72] UNKNOWN, XX
[71] MACKELVIE, WINSTON, CA
[22] 2019-09-27
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[25] EN
[54] **ADJUSTABLE HEM**
[54] **OURLET AJUSTABLE**
[72] QUINN, ERIN, CA
[72] LIPISHAN, JENNIFER, CA
[71] QUINN, ERIN, CA
[22] 2019-09-26
[41] 2021-03-26

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[51] **Int.Cl. A61M 21/00 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING AND STOPPING NIGHTMARE BY SOUND**
[54] **SYSTEME ET METHODE DE DETECTION ET D`ARRET DES CAUCHEMARS PAR EFFET SONORE**
[72] UNKNOWN, XX
[71] CHEN, GEORGE, CA
[22] 2019-09-23
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[51] **Int.Cl. E04F 17/10 (2006.01) B07C 5/36 (2006.01) B07C 7/00 (2006.01) B65F 5/00 (2006.01) E04F 17/12 (2006.01)**
[25] EN
[54] **WASTE MATERIAL DISPOSAL AND SORTING MODULES ADAPTED FOR PROCESSING AND REMOVING WASTE AND FOR INSTALLATION AND USE IN DWELLINGS AND OTHER STRUCTURES**
[54] **MODULES D`ELIMINATION ET DE TRI DE DECHETS ADAPTES AU TRAITEMENT ET A L`ELIMINATION DE DECHETS ET A L`INSTALLATION ET A L`UTILISATION DANS DES LOGEMENTS ET AUTRES CONSTRUCTIONS**
[72] BUTCHER, PAUL A., CA
[71] BUTCHER, PAUL A., CA
[22] 2019-09-23
[41] 2021-03-23

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[51] **Int.Cl. G06F 21/60 (2013.01) G06F 21/57 (2013.01) G06F 11/36 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EVALUATING DATA ACCESS SIGNATURE OF THIRD-PARTY APPLICATIONS**
[54] **SYSTEMES ET METHODES POUR EVALUER LA SIGNATURE D`ACCES AUX DONNEES D`APPLICATIONS DE TIERS**
[72] DUNJIC, MILOS, CA
[72] TAX, DAVID SAMUEL, CA
[72] CHOW, ARTHUR CARROLL, CA
[72] NGUYEN, ANTHONY HAITUYEN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-09-23
[41] 2021-03-23

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[51] **Int.Cl. F03G 3/06 (2006.01)**
[25] EN
[54] **RAYA ENGINE (R.E.)**
[54] **RAYA ENGINE (R.E.)**
[72] RAYA, MOHAMED ALY MOHAMED, CA
[71] RAYA, MOHAMED ALY MOHAMED, CA
[22] 2019-09-23
[41] 2021-03-23

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[51] **Int.Cl. F02B 33/30 (2006.01) F01L 9/20 (2021.01) F01L 9/40 (2021.01) F02B 75/02 (2006.01) F02F 1/42 (2006.01) F02F 3/20 (2006.01) F02F 5/00 (2006.01) F02M 35/10 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE**
[72] COUTTS, CLYDE, CA
[71] COUTTS INDUSTRIES INC., CA
[22] 2019-09-24
[41] 2021-03-24

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[13] A1
[51] **Int.Cl. B60P 1/02 (2006.01)**
[25] EN
[54] **INFLATABLE BAG-ASSISTED LIFT FRAME FOR VEHICLE**
[54] **CHASSIS DE LEVAGE A SAC GONFLABLE POUR VEHICULE**
[72] CASSWAY, RUSTIN ARTHUR, US
[72] PERRY, ALBERT STEPHEN, US
[72] FISHER, DAVID JOHN, US
[71] DEMOUNTABLE CONCEPTS, INC., US
[22] 2019-09-24
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[51] **Int.Cl. F16B 9/02 (2006.01) E04B 1/38 (2006.01) E04B 5/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **UNIVERSAL DECK MOUNT SYSTEM AND METHOD FOR USE THEREOF**
[54] **SYSTEME DE MONTAGE DE TERRASSE UNIVERSEL ET METHODE D`UTILISATION CONNEXE**
[72] THOMPSON, RICHARD, CA
[71] THOMPSON, RICHARD, CA
[22] 2019-09-24
[41] 2021-03-24

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[13] A1
[51] **Int.Cl. G06Q 40/06 (2012.01)**
[25] EN
[54] **METHOD AND COMPUTER-IMPLEMENTED PLATFORM FOR MAKING AN INVESTMENT IN AN INVESTMENT PLAN**
[54] **METHODE ET PLATEFORME INFORMATIQUE POUR EFFECTUER UN INVESTISSEMENT DANS UN PLAN D`INVESTISSEMENT**
[72] REEVES, MELVIN, CA
[71] WISDOM STRUCTURED INVESTMENTS LIMITED PARTNERSHIP, CA
[22] 2019-09-24
[41] 2021-03-24

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[51] **Int.Cl. A47J 37/07 (2006.01) B62B 1/18 (2006.01) B62B 3/02 (2006.01) F24B 3/00 (2006.01)**
[25] EN
[54] **PORTABLE COOKING GRILL WITH FOLDING TABLE PANELS FOR COMMUNAL GRILLING**
[54] **UN GRIL PORTATIF COMPORTANT DES PANNEAUX DE TABLE PLIANTE POUR UN GRILLAGE COMMUNAUTAIRE**
[72] BARTLETT, GLENN J., CA
[71] RELIANCE PRODUCTS LTD., CA
[22] 2019-09-24
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[51] **Int.Cl. A47B 63/04 (2006.01) A47B 19/00 (2006.01) A47B 46/00 (2006.01)**
[25] EN
[54] **MULTI-USE DESK-CABINET**
[54] **ARMOIRE A BUREAU MULTIUSAGE**
[72] WHITEWAY, LARRY, CA
[71] WHITEWAY, LARRY, CA
[22] 2019-09-24
[41] 2021-03-24

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[13] A1
[51] **Int.Cl. A61H 15/00 (2006.01)**
[25] EN
[54] **SELF-MASSAGE APPARATUS USING MARBLE BALLS**
[54] **APPAREIL DE MASSAGE PERSONNEL UTILISANT DES BILLES**
[72] YEGANEH, MOHAMMED REZA KAY, CA
[71] KAYYEGANEH, MOHAMMADREZA, CA
[22] 2019-09-25
[41] 2021-03-25

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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 40/02 (2012.01) G07F 19/00 (2006.01)**
[25] EN
[54] **CURBSIDE BRANCH OPTIMIZATION**
[54] **OPTIMISATION DE LA LOCALISATION D`UNE BRANCHE SUR LE TROTTOIR**
[72] CARVALHO, DARREN MICHAEL, CA
[72] FU, SHANIA XIAN YU, CA
[72] STIRLING, JORDAN ROSS, CA
[72] TITUS, JINOJ, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-09-25
[41] 2021-03-25

[21] **3,056,627**
[13] A1
[51] **Int.Cl. G01B 3/04 (2006.01) A01K 61/95 (2017.01)**
[25] EN
[54] **BULLHEAD BOARD**
[54] **PLANCHE A BARBOTTES**
[72] UNKNOWN, XX
[71] RICHARDSON, LUIGI L. R., CA
[22] 2019-09-25
[41] 2021-03-25

[21] **3,056,831**
[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) G01S 19/14 (2010.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VALIDATING GEOSPACIAL DATA COLLECTION WITH MEDIATED REALITY**
[54] **SYSTEME ET METHODE POUR VALIDER LA COLLECTE DE DONNEES GEOSPATIALES AU MOYEN DE REALITE ELECTRONIQUE**
[72] PESTOV, ALEXANDRE, CA
[71] VGIS INC., CA
[22] 2019-09-26
[41] 2021-03-26

[21] **3,056,834**
[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) G01S 19/14 (2010.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COLLECTING GEOSPATIAL OBJECT DATA WITH MEDIATED REALITY**
[54] **SYSTEME ET METHODE DE COLLECTE DE DONNEES GEOSPATIALES AU MOYEN DE REALITE ELECTRONIQUE**
[72] PESTOV, ALEXANDRE, CA
[71] VGIS INC., CA
[22] 2019-09-26
[41] 2021-03-26

[21] **3,056,850**
[13] A1
[51] **Int.Cl. G01N 3/56 (2006.01) A01M 23/00 (2006.01) A01M 23/34 (2006.01)**
[25] EN
[54] **SNARE WIRE TESTING MACHINE**
[54] **MACHINE D`ESSAI DE FIL POUR COLLET**
[72] BRUNEAU, STEPHEN E., CA
[71] BRUNEAU, STEPHEN E., CA
[22] 2019-09-26
[41] 2021-03-26

[21] **3,056,967**
[13] A1
[51] **Int.Cl. A63B 22/00 (2006.01) A47D 1/10 (2006.01) A47D 13/10 (2006.01) A63B 21/00 (2006.01) A63B 26/00 (2006.01) B60N 2/28 (2006.01)**
[25] EN
[54] **INFANT CARSEAT ATTACHMENT FOR PILATES REFORMER**
[54] **ACCESSOIRE DE SIEGE POUR ENFANT POUR REFORMATEUR DE PILATES**
[72] PERUZZO, RENEE L., CA
[71] PERUZZO, RENEE L., CA
[22] 2019-09-27
[41] 2021-03-24
[30] US (16/579,909) 2019-09-24

[21] **3,056,981**
[13] A1
[51] **Int.Cl. G01D 1/00 (2006.01) G01D 5/26 (2006.01) G01D 5/48 (2006.01) G06F 17/14 (2006.01) H03K 3/78 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING TIME-FREQUENCY REPRESENTATION OF A CONTINUOUS SIGNAL**
[54] **METHODE ET SYSTEME POUR PRODUIRE UNE REPRESENTATION DE TEMPS-FREQUENCE D`UN SIGNAL CONTINU**
[72] AZANA, JOSE, CA
[72] REDDY, KONATHAM SAIKRISHNA, CA
[72] MARAM, REZA, CA
[72] DE CHATELLUS, HUGUES GUILLET, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS), CA
[22] 2019-09-26
[41] 2021-03-26

[21] **3,056,997**
[13] A1
[51] **Int.Cl. E04F 17/12 (2006.01)**
[25] EN
[54] **WASTE CHUTE DEVICES AND METHODS FOR USING THE SAME**
[54] **DISPOSITIFS DE VIDE-ORDURES ET METHODES D`UTILISATION**
[72] AGGARWALA, ROHIT THOMAS, US
[72] BABU, ANAND NAGA, US
[72] SHAPINS, JESSE, US
[72] BREUER, MATTHEW ELI, US
[72] WHITNEY, VIOLET, US
[72] VANDERKAM, DANIEL HENRY, US
[72] MATTHEAKIS, MICHAEL CONSTANTINE, US
[72] KENNEDY, THOMAS JOSEPH, US
[72] MEURER, AMANDA, US
[71] SIDEWALK LABS LLC, US
[22] 2019-09-27
[41] 2021-03-27

[21] **3,057,013**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DIAGNOSIS OF PERIPHERAL ARTERIAL DISEASE**
[54] **COMPOSITIONS ET METHODES POUR LE DIAGNOSTIC DE LA MALADIE ARTERIELLE PERIPHERIQUE**
[72] QADURA, MOHAMMAD, CA
[71] UNITY HEALTH TORONTO, CA
[22] 2019-09-27
[41] 2021-03-27

[21] **3,057,015**
[13] A1
[51] **Int.Cl. G08G 1/00 (2006.01) H04W 4/44 (2018.01) H04W 76/14 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR WIRELESS ROAD SIDE UNITS**
[54] **METHODE ET SYSTEME D`UNITES ROUTIERES SANS FIL**
[72] MONTEMURRO, MICHAEL PETER, CA
[72] MCCANN, STEPHEN, CA
[72] BUCKLEY, ADRIAN, CA
[71] BLACKBERRY LIMITED, CA
[22] 2019-09-27
[41] 2021-03-27

[21] **3,057,016**
[13] A1
[51] **Int.Cl. A01J 25/00 (2006.01) A01J 25/11 (2006.01) A23C 19/00 (2006.01) A23C 19/02 (2006.01) A23C 19/06 (2006.01)**
[25] EN
[54] **UNIVERSAL CHEESE MAKING MACHINE AND METHOD**
[54] **MACHINE DE FABRICATION DE FROMAGE UNIVERSELLE ET METHODE**
[72] DOBREFF, PETER V., CA
[72] LITTLE, WILLIAM B., CA
[71] DOBREFF, PETER V., CA
[71] LITTLE, WILLIAM B., CA
[22] 2019-09-27
[41] 2021-03-27

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[21] **3,057,023**
[13] A1
[51] **Int.Cl. A01B 63/22 (2006.01) A01B 59/042 (2006.01) A01D 34/00 (2006.01) B60D 1/46 (2006.01)**
[25] EN
[54] **LEVELING MOWER HITCH**
[54] **ATTELAGE DE FAUCHEUSE NIVELANTE**
[72] COLISTRO, VINCENT, CA
[72] HOFMANN, TODD, CA
[71] SCHULTE INDUSTRIES LTD., CA
[22] 2019-09-27
[41] 2021-03-27

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[21] **3,057,025**
[13] A1
[51] **Int.Cl. G09B 29/00 (2006.01) H04W 64/00 (2009.01) H04W 4/021 (2018.01) H04W 4/33 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CROWD-SOURCED MAP FEATURE UPDATING**
[54] **METHODE ET SYSTEME DE MISE A JOUR DES CARACTERISTIQUES D`UNE CARTE PAR EXTERNALISATION**
[72] GULO, EROS, CA
[72] HUBERMAN, SEAN, CA
[71] MAPSTED CORP., CA
[22] 2019-09-27
[41] 2021-03-27

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[21] **3,057,027**
[13] A1
[51] **Int.Cl. H04W 4/029 (2018.01) H04W 64/00 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EMBEDDED DEVICE LOCALIZATION-BASED FAULT INDICATION**
[54] **PROCEDE ET SYSTEME POUR L`INDICATION DE DEFAILLANCE AXEE SUR LA LOCALISATION DE DISPOSITIF INTEGREE**
[72] NAGPAL, PARAMVIR S., CA
[72] HAMIDIFAR, SAEEDEH, CA
[71] MAPSTED CORP., CA
[22] 2019-09-27
[41] 2021-03-27

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[21] **3,057,030**
[13] A1
[51] **Int.Cl. E21B 28/00 (2006.01) E21B 7/00 (2006.01)**
[25] EN
[54] **TUBING STRING WITH AGITATOR, TUBING DRIFT HAMMER TOOL, AND RELATED METHODS**
[54] **COLONNE DE TUBAGE COMPORTANT UN AGITATEUR, UN MARTEAU DE PERCEMENT DE TUBAGE ET METHODES CONNEXES**
[72] MATTHEWS, SHANE, CA
[71] COMPLETE DIRECTIONAL SERVICES LTD., CA
[22] 2019-09-27
[41] 2021-03-27

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[21] **3,057,034**
[13] A1
[51] **Int.Cl. G06Q 20/10 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **EXPECTED TRANSFER MONITORING AND NOTIFICATION**
[54] **SURVEILLANCE ET NOTIFICATION D`UN TRANSFERT ATTENDU**
[72] KADE, CARLOS ALEJANDRO, CA
[72] MORISSETTE, ANNE MARIE, CA
[72] KUMAR, VIJAY, CA
[72] BANDIERA, CAROLINE, CA
[72] COE, ADRIANN TERESA, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-09-27
[41] 2021-03-27

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[21] **3,057,035**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **(ADVANCED REACH OUT MARKETING METHOD) A MARKETING METHOD TO ADVERTISE AND ADVOCATE FOR A SERVICE PROVIDER, THAT PROVIDES GOODS AND SERVICES IN CANADA, TO THE PROSPECTIVE NEWCOMERSTO CANADA, TO INFLUENCE THEIR CHOICE OF SERVICE PROVIDER WHEN THEY ARRIVE IN CANADA.**
[54] **(METHODE MARKETING DE PROMOTION AVANCEE) METHODE DE MARKETING VISANT A PROMOUVOIR UN FOURNISSEUR DE BIENS ET SERVICES AU CANADA AUPRES DE NOUVEAUX ARRIVANTS AU CANADA POUR INFLUENCER LEUR CHOIX DE FOURNISSEUR DE SERVICES A LEUR ARRIVEE AU CANADA**
[72] MOVASEGHI, NATASHA, CA
[71] MOVASEGHI, NATASHA, CA
[22] 2019-09-27
[41] 2021-03-27

[21] **3,057,036**
[13] A1
[51] **Int.Cl. B01D 21/26 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **SOLIDS SEPARATION AND RECOVERY SYSTEM**
[54] **SYSTEME DE SEPARATION DES SOLIDES ET DE RECUPERATION**
[72] MACCARTNEY, TIMOTHY, CA
[71] BELTON ENERGY SERVICES LTD., CA
[22] 2019-09-27
[41] 2021-03-27

[21] **3,057,045**
[13] A1
[51] **Int.Cl. H02K 53/00 (2006.01)**
[25] EN
[54] **REGENERATIVE ELECTRICAL POWER SYSTEM**
[54] **RESEAU ELECTRIQUE REGENERATEUR**
[72] WALPER, JOHN ROBERT, CA
[71] WALPER, JOHN ROBERT, CA
[22] 2019-09-27
[41] 2021-03-27

[21] **3,057,081**
[13] A1
[51] **Int.Cl. E06C 7/00 (2006.01) E06C 7/18 (2006.01)**
[25] EN
[54] **ATTACHABLE PAD DEVICE**
[54] **DISPOSITIF DE PATIN ACCESSOIRE**
[72] WADDELL, DAVID W., CA
[71] WADDELL, DAVID W., CA
[22] 2019-09-30
[41] 2021-03-25
[30] US (16/582,009) 2019-09-25

[21] **3,057,086**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E02D 3/046 (2006.01)**
[25] EN
[54] **DEVICES FOR TAMPING LOOSE SOIL SURROUNDING BOREHOLE**
[54] **DISPOSITIFS POUR TAPER LA TERRE MEUBLE AUTOUR D`UN TROU DE FORAGE**
[72] ZHANG, JUNRONG, CN
[72] TANG, HUIMING, CN
[72] TANNANT, DWAYNE, CN
[72] ZHANG, YONGQUAN, CN
[72] WANG, YUANSHENG, CN
[72] GONG, WENGPING, CN
[72] HUANG, LEI, CN
[72] ZOU, ZONGXING, CN
[72] MA, JUNWEI, CN
[72] WEN, TAO, CN
[72] ZHENG, WENBO, CN
[72] XU, CONG, CN
[72] YU, MIAO, CN
[71] CHINA UNIVERSITY OF GEOSCIENCES (WUHAN), CN
[22] 2019-09-30
[41] 2021-03-24
[30] CN (201910897816.1) 2019-09-24

[21] **3,057,231**
[13] A1
[51] **Int.Cl. E04D 13/158 (2006.01)**
[25] EN
[54] **PERFORATED EAVE TRIM AND ROOF VENTILATION SYSTEM**
[54] **BORDURE D`AVANT-TOIT PERFOREE ET SYSTEME DE VENTILATION DE TOIT**
[72] STOUGHTON, TERRY, CA
[71] STOUGHTON, TERRY, CA
[22] 2019-10-01
[41] 2021-03-25
[30] US (16582030) 2019-09-25

[21] **3,057,278**
[13] A1
[51] **Int.Cl. B60P 1/43 (2006.01) B62D 31/02 (2006.01)**
[25] EN
[54] **PASSENGER VEHICLE**
[54] **VEHICULE PASSAGER**
[72] PFISTER, BRYCE, US
[72] STEFEK, CODY, US
[72] WELCH, JOHN, US
[72] FILLENWORTH, TRENT, US
[71] COLLINS BUS CORPORATION, US
[22] 2019-10-01
[41] 2021-03-23
[30] US (16/578,715) 2019-09-23

[21] **3,057,494**
[13] A1
[51] **Int.Cl. A43B 13/22 (2006.01) A43B 5/02 (2006.01) A43B 13/26 (2006.01) A43C 15/02 (2006.01) A43C 15/06 (2006.01) A43C 15/16 (2006.01)**
[25] EN
[54] **ARTICLE OF FOOTWEAR WITH MODIFIABLE SOLE**
[54] **CHAUSSURE A SEMELLE MODIFIABLE**
[72] MAHONEY, CHRISTOPHER J., US
[71] SAUCONY, INC., US
[22] 2019-10-03
[41] 2021-03-27
[30] US (16/585451) 2019-09-27

[21] **3,058,859**
[13] A1
[51] **Int.Cl. E04G 19/00 (2006.01)**
[25] EN
[54] **HYDRAULIC SYSTEM FOR STRIPPING CONCRETE FORMS**
[54] **SYSTEME HYDRAULIQUE POUR LA DENUDATION DE COFFRAGES A BETON**
[72] SCHOCK, NATHAN, US
[71] HAWKEYEPEDERSHAAB CONCRETE TECHNOLOGIES, INC., US
[22] 2019-10-16
[41] 2021-03-24
[30] US (16/580,701) 2019-09-24

[21] **3,060,691**
[13] A1
[51] **Int.Cl. H04W 4/024 (2018.01) H04W 4/029 (2018.01) H04W 4/38 (2018.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING AN AUGMENTED-REALITY VIRTUAL TREASURE HUNT**
[54] **SYSTEMES ET METHODES OFFRANT UNE CHASSE AU TRESOR VIRTUELLE EN REALITE AUGMENTEE**
[72] RIZVI, BUTURAB, CA
[72] KHAN, FAHAD AHMED, CA
[72] BACIC, JOHN IVAN, CA
[72] NAVARRO, MIGUEL, CA
[72] TSOURKIS, ALEXANDRA, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-10-29
[41] 2021-03-26
[30] US (16/583,601) 2019-09-26

[21] **3,061,131**
[13] A1
[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
[71] FLOWCORE SYSTEMS, LLC, US
[22] 2019-11-08
[41] 2021-03-26
[30] US (16659759) 2019-10-22

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[21] **3,062,697**
[13] A1
[51] **Int.Cl. F15B 15/24 (2006.01) F15B 15/28 (2006.01)**
[25] EN
[54] **HYDRAULIC ACTUATOR END STROKE STOP PRESSURE/LOAD CONTROL**
[54] **ACTIONNEUR HYDRAULIQUE POUR LE CONTROLE DE LA PRESSION/CHARGE A UNE BUTEE DE COURSE D`EXTREMITE**
[72] SEMINEL, BRUNO, FR
[72] MOLES, PATRICK, FR
[71] RATIER-FIGEAC SAS, FR
[22] 2019-11-25
[41] 2021-03-26
[30] EP (19290091.8) 2019-09-26

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[21] **3,064,748**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/01 (2006.01) E21B 33/128 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **ANCHORING EXTRUSION LIMITER FOR NON-RETRIEVABLE PACKERS AND COMPOSITE F RAC PLUG INCORPORATING SAME**
[54] **LIMITEUR D`EXTRUSION A CAPACITE D`ANCRAGE POUR PACKER NON RECUPERABLE ET BOUCHON DE FRACTURATION COMPOSITE L`INTEGRANT**
[72] SAEED, AHMED M., US
[71] EXACTA-FRAC ENERGY SERVICES, INC., US
[22] 2019-12-12
[41] 2021-03-24
[30] US (16/580,108) 2019-09-24

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[21] **3,064,936**
[13] A1
[51] **Int.Cl. G01S 7/481 (2006.01) G02B 3/08 (2006.01) G02B 27/18 (2006.01)**
[25] EN
[54] **OPTICAL SYSTEMS WITH TOROIDAL FRESNEL LENSES**
[54] **SYSTEMES OPTIQUES A LENTILLES DE FRESNEL TOROIDALES**
[72] RAMTHUN, KENT ALLAN, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2019-12-11
[41] 2021-03-23
[30] US (16/579,374) 2019-09-23

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[21] **3,065,617**
[13] A1
[51] **Int.Cl. B60W 30/165 (2020.01) B60W 60/00 (2020.01) G05D 1/02 (2020.01)**
[25] EN
[54] **CAR-FOLLOWING BEHAVIOR PREDICTING METHOD UNDER APOLLO PLATFORM**
[54] **METHODE DE PREDICTION DU COMPORTEMENT DE SUIVI DE VEHICULE POUR LA PLATEFORME APOLLO**
[72] FEI, RONG, CN
[72] LI, SHASHA, CN
[72] WU, HAOZHENG, CN
[72] LIU, FANG, CN
[72] LI, AIMIN, CN
[72] TANG, YU, CN
[72] WANG, ZHANMIN, CN
[71] XI'AN UNIVERSITY OF TECHNOLOGY, CN
[22] 2019-12-19
[41] 2021-03-27
[30] CN (201910924643.8) 2019-09-27

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[21] **3,073,906**
[13] A1
[51] **Int.Cl. H01M 4/136 (2010.01) H01M 10/0525 (2010.01) H01M 4/62 (2006.01)**
[25] EN
[54] **POSITIVE ELECTRODE MATERIAL FOR LITHIUM ION POLYMER BATTERY, POSITIVE ELECTRODE FOR LITHIUM ION POLYMER BATTERY, AND LITHIUM ION POLYMER BATTERY**
[54] **MATERIAU D`ELECTRODE POSITIVE POUR BATTERIE POLYMERE AU LITHIUM-ION, ELECTRODE POSITIVE POUR BATTERIE POLYMERE AU LITHIUM-ION ET BATTERIE POLYMERE AU LITHIUM-ION**
[72] OONO, KOUJI, JP
[71] SUMITOMO OSAKA CEMENT CO., LTD., JP
[22] 2020-02-27
[41] 2021-03-26
[30] JP (2019-175384) 2019-09-26

[21] **3,075,318**
[13] A1
[51] **Int.Cl. H01M 4/136 (2010.01) H01M 4/587 (2010.01) H01M 10/0525 (2010.01)**
[25] EN
[54] **POSITIVE ELECTRODE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, POSITIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY**
[54] **MATERIAU D`ELECTRODE POSITIVE POUR BATTERIE SECONDAIRE AU LITHIUM-ION, ELECTRODE POSITIVE POUR BATTERIE SECONDAIRE AU LITHIUM-ION ET BATTERIE SECONDAIRE AU LITHIUM-ION**
[72] NOZOE, TSUTOMU, JP
[72] NAKANO. TOYOMASA, JP
[71] SUMITOMO OSAKA CEMENT CO., LTD., JP
[22] 2020-03-12
[41] 2021-03-26
[30] JP (2019-176146) 2019-09-26

[21] **3,076,739**
[13] A1
[51] **Int.Cl. A61K 31/09 (2006.01) A61P 9/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR REDUCING TRIMETHYLAMINE-N-OXIDE AND RELATED THERAPEUTIC APPLICATIONS**
[54] **COMPOSITIONS POUR LA REDUCTION DE LA TRIMETHYLAMINE-N-OXYDE ET APPLICATIONS THERAPEUTIQUES CONNEXES**
[72] MAJEED, MUHAMMED, IN
[72] NAGABHUSHANAM, KALYANAM, US
[71] MAJEED, MUHAMMED, IN
[71] NAGABHUSHANAM, KALYANAM, US
[22] 2020-03-24
[41] 2021-03-27
[30] US (16585181) 2019-09-27

[21] **3,076,772**
[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01) G06Q 50/30 (2012.01) G06N 20/00 (2019.01)**
[25] EN
[54] **METHODS FOR MANAGING REPAIR OF VEHICLE DAMAGE WITH HEAD MOUNTED DISPLAY DEVICE AND DEVICES THEREOF**
[54] **METHODES DE GESTION DE LA REPARATION DES DOMMAGES A UN VEHICULE AU MOYEN D`UN CASQUE D`ECRAN ET DE DISPOSITIFS CONNEXES**
[72] CANNARSA, UMBERTO LAURENT, US
[72] BACHMAN, JOHN ANTHONY, US
[72] KOVAR, DANIEL JAKE, US
[71] MITCHELL INTERNATIONAL, INC., US
[22] 2020-03-25
[41] 2021-03-23
[30] US (16/823,107) 2020-03-18
[30] US (62/904,402) 2019-09-23

[21] **3,077,318**
[13] A1
[51] **Int.Cl. F03D 7/04 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **A WIND TURBINE AND METHOD OF GENERATING POWER FROM THE WIND**
[54] **EOLIENNE ET METHODE DE GENERATION D`ENERGIE EOLIENNE**
[72] ELOGAB, OSAMA, GB
[72] ELOGAB, ZACHARY, GB
[71] OGAB LTD., GB
[22] 2020-04-07
[41] 2021-03-27
[30] GB (GB1913985.6) 2019-09-27

[21] **3,079,570**
[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 34/06 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **IN SITU INJECTION OR PRODUCTION VIA A WELL USING SELECTIVE OPERATION OF MULTI-VALVE ASSEMBLIES WITH CHOKED CONFIGURATIONS**
[54] **INJECTION OU PRODUCTION SUR PLACE AU MOYEN D`UN PUITS AYANT RECOURS A UNE OPERATION SELECTIVE D`ENSEMBLES MULTISOUPAPES A CONFIGURATIONS D`ENTREBAILLEMENT**
[72] JOHNSON, TIMOTHY, CA
[72] WERRIES, MICHAEL, CA
[72] LAUN, LYLE, CA
[71] NCS MULTISTAGE INC., CA
[22] 2020-04-24
[41] 2021-03-27
[30] US (62/907,260) 2019-09-27

[21] **3,080,524**
[13] A1
[51] **Int.Cl. A01N 37/16 (2006.01) A01N 25/30 (2006.01) A01N 37/02 (2006.01) A01N 37/10 (2006.01) A01N 37/36 (2006.01) A01N 41/04 (2006.01) A01N 59/00 (2006.01) A01P 1/00 (2006.01) A23L 3/3508 (2006.01) A23L 3/3517 (2006.01) A61L 2/18 (2006.01) C11D 3/39 (2006.01) C11D 3/48 (2006.01)**
[25] EN
[54] **PERACETIC COMPOSITIONS, METHODS AND KITS FOR REMOVING BIOFILMS FROM AN ENCLOSED SURFACE**
[54] **COMPOSITIONS PERACETIQUES, METHODES ET TROUSSES POUR RETIRER LES BIOFILMS D`UNE SURFACE FERMEE**
[72] MARCHAND, PATRICK, CA
[72] LAFOND, AUDREY-ANNE, CA
[71] SANI-MARC INC., CA
[22] 2020-05-08
[41] 2021-03-25
[30] US (62/905,736) 2019-09-25

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[13] A1
[51] **Int.Cl. A24F 40/40 (2020.01) A24F 40/46 (2020.01)**
[25] EN
[54] **VAPORIZING DEVICE**
[54] **VAPORISATEUR**
[72] GOMEZ, LEONARDO, US
[71] GOMEZ, LEONARDO, US
[22] 2020-05-29
[41] 2021-03-27
[30] US (16/585,523) 2019-09-27

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[51] **Int.Cl. E21B 43/26 (2006.01) G06Q 10/04 (2012.01) G06N 20/00 (2019.01) E21B 47/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REAL-TIME HYDRAULIC FRACTURE CONTROL**
[54] **SYSTEMES ET METHODES DE CONTROLE EN TEMPS REEL DE LA FRACTURATION HYDRAULIQUE**
[72] HEIDARI, PEYMAN, US
[72] WALTERS, HAROLD GRAYSON, US
[72] FULTON, DWIGHT DAVID, US
[72] BHARDWAJ, MANISHA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2020-06-02
[41] 2021-03-25
[30] US (16/581,813) 2019-09-25

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[13] A1
[51] **Int.Cl. G06F 16/906 (2019.01) G06F 3/048 (2013.01)**
[25] EN
[54] **USER INTERFACE SYSTEM INCORPORATING ANALYSIS OF USER INTERACTION CLASSIFICATION**
[54] **SYSTEME D`INTERFACE UTILISATEUR INTEGRANT L`ANALYSE DE LA CLASSIFICATION DES INTERACTIONS D`UN UTILISATEUR**
[72] JUDY, RICHARD DOUGLAS, US
[72] DEVABHAKTUNI, RAJESH BADU, US
[72] BLOMBERG, AARON ANDREW, US
[72] POLASANI, SHRUTHI, US
[72] HOOPER, ADRIAN ALAN, US
[71] THE TORONTO-DOMINION BANK, CA
[22] 2020-06-12
[41] 2021-03-27
[30] US (16/586,759) 2019-09-27

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[51] **Int.Cl. A41D 25/00 (2006.01) A41D 25/06 (2006.01)**
[25] EN
[54] **NECKTIE SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE CRAVATE ET MODE D`EMPLOI**
[72] SHARMA, DINESH, CA
[71] SHARMA, DINESH, CA
[22] 2020-07-10
[41] 2021-03-25
[30] US (16/582,912) 2019-09-25

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[51] **Int.Cl. F24C 7/02 (2006.01)**
[25] EN
[54] **COMMERCIAL MICROWAVE OVEN**
[54] **FOUR A MICRO-ONDES COMMERCIAL**
[72] HUNG, YING-SZU, TW
[72] YANG, LI-PING, TW
[71] PRESIDENT CHAIN STORE CORP., CN
[22] 2020-07-16
[41] 2021-03-26
[30] TW (108212800) 2019-09-26

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[51] **Int.Cl. C08L 33/04 (2006.01) C08K 3/013 (2018.01) B29C 70/58 (2006.01) C08L 101/00 (2006.01)**
[25] EN
[54] **HEAT-CURABLE BIO-BASED CASTING COMPOSITION, MOLDING PRODUCED THEREFROM AND METHOD FOR PRODUCING SUCH A MOLDING**
[54] **COMPOSITION A BASE BIOLOGIQUE DE MOULAGE TRAITABLE PAR CUISSON, MOULE PRODUIT ET METHODE DE PRODUCTION D`UN TEL MOULE**
[72] DATSYUK, VITALIY, DE
[72] ORENDORZ, ADAM, DE
[72] ACHATZ, OSKAR, DE
[71] SCHOCK GMBH, DE
[22] 2020-08-21
[41] 2021-03-25
[30] DE (10 2019 125 777.8) 2019-09-25

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[51] **Int.Cl. E02D 29/12 (2006.01) E03F 7/00 (2006.01) F16L 1/11 (2006.01)**
[25] EN
[54] **INTEGRATED ACCESS BOX**
[54] **BOITE D`ACCES INTEGREE**
[72] THOMPSON, CHAD, US
[71] INNOVATIVE TOPS, LLC, US
[22] 2020-08-24
[41] 2021-03-23
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[51] **Int.Cl. F16L 33/00 (2006.01) F16L 3/10 (2006.01) F16L 3/22 (2006.01)**
[25] EN
[54] **HOSE CONNECTION SYSTEM**
[54] **SYSTEME DE RACCORD A BOYAU**
[72] JARKKO, JOKINEN, DE
[72] MARKO, SUUTARI, DE
[72] ARI-PEKKA, KETOLA, DE
[71] DEERE & COMPANY, US
[22] 2020-08-25
[41] 2021-03-26
[30] EP (19199812.9) 2019-09-26

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[13] A1
[51] **Int.Cl. D06F 29/00 (2006.01)**
[25] EN
[54] **LAUNDRY BOX AND MACHINE FOR SEPARATELY WASHING CLOTHES**
[54] **BOITE ET MACHINE A LAVER POUR LE LAVAGE SEPARE DE VETEMENTS**
[72] LI, JIAN, CN
[71] LI, JIAN, CN
[22] 2020-08-26
[41] 2021-03-23
[30] CN (202021099686.1) 2020-06-15

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[13] A1
[51] **Int.Cl. B25B 15/00 (2006.01) B23K 9/04 (2006.01)**
[25] EN
[54] **FASTENER RETENTION AND ANTI-CAMOUT TOOL BIT**
[54] **EMBOUT D`OUTIL A RETENUE DE FIXATION ET A ANTIDERAPAGE**
[72] KUTER-ARNEBECK, OTTOLEO, US
[71] SNAP-ON INCORPORATED, US
[22] 2020-08-28
[41] 2021-03-25
[30] US (16/582,793) 2019-09-25

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 9/30 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FACILITATING AUTHENTICATION OF EMAILS SENT BY 3RD PARTIES**
[54] **SYSTEMES ET METHODES POUR FACILITER L`AUTHENTIFICATION DE COURRIELS ENVOYES PAR DES TIERS**
[72] ZAHED, AREF, CA
[71] SHOPIFY INC., CA
[22] 2020-08-27
[41] 2021-03-25
[30] US (16/582185) 2019-09-25
[30] EP (20188506.8) 2020-07-30

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[51] **Int.Cl. A62D 9/00 (2006.01) C09K 3/00 (2006.01)**
[25] EN
[54] **CLIMATE CHANGE REDUCING MALODOROUS COMPOSITION OF MATTER AND WARNING SYSTEM**
[54] **COMPOSITION DE MATIERE MALODORANTE A REDUCTION DES CHANGEMENTS CLIMATIQUES ET SYSTEME D`AVERTISSEMENT**
[72] POTTIER, CHARLES, US
[72] SMITH, JASON, US
[71] ANDPAK, INC. DBA ZIP-CHEM PRODUCTS, US
[22] 2020-08-20
[41] 2021-03-25
[30] US (16/582,937) 2019-09-25

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[13] A1
[51] **Int.Cl. A01H 6/14 (2018.01) C12Q 1/6895 (2018.01) A01H 1/00 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **LETTUCE PLANTS HAVING RESISTANCE TO NASONOVIA RIBISNIGRI BIOTYPE NR:1**
[54] **PLANTS DE LAITUE RESISTANTS AU NASONOVIA RIBISNIGRI DE BIOTYPE NR:1**
[72] KOOREVAAR. GERARD N., US
[72] MORGAN, ROBYN L., US
[72] VAN DER LAAN, HIERONYMUS J.M., US
[72] VAN OOSTEN, VIVIAN R., US
[72] WEBER, ROSA I., US
[71] SEMINIS VEGETABLE SEEDS, INC., US
[22] 2020-08-31
[41] 2021-03-26
[30] US (62/906,391) 2019-09-26

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[51] **Int.Cl. G01N 21/359 (2014.01) G01N 21/3559 (2014.01) G01G 17/02 (2006.01)**
[25] EN
[54] **MEASUREMENT APPARATUS AND METHOD OF PAPER WEB**
[54] **APPAREIL DE MESURE ET METHODE DE TOILE DE PAPIER**
[72] MAENTYLAE, MARKKU, FI
[72] SUOPAJAERVI, PEKKA, FI
[71] VALMET AUTOMATION OY, FI
[22] 2020-08-26
[41] 2021-03-23
[30] FI (20195795) 2019-09-23

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[13] A1
[51] **Int.Cl. A01D 25/00 (2006.01)**
[25] EN
[54] **RING ELEVATOR FOR LIFTING ROOT CROPS IN A ROOT CROP HARVESTER AND ROOT CROP HARVESTER COMPRISING SUCH A RING ELEVATOR**
[54] **APPAREIL DE LEVAGE A CHENILLE POUR LEVER LES RECOLTES RACINES DANS UNE RECOLTEUSE ET RECOLTEUSE DE CULTURE RACINE COMPRENANT UN TEL APPAREIL DE LEVAGE**
[72] VAN ISEGHEM, JOERI, BE
[72] DE BOE, GERT, BE
[71] DEWULF NV, BE
[22] 2020-09-03
[41] 2021-03-27
[30] EP (19200191.5) 2019-09-27

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H02H 3/06 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **UTILITY DISTRIBUTION FAULT RESTORATION SYSTEM**
[54] **SYSTEME DE RETABLISSEMENT DE COURANT APRES DEFAILLANCE D`UN SYSTEME DE DISTRIBUTION DE SERVICE**
[72] PORTER, DAVID, US
[72] MEISINGER, MICHAEL, US
[72] BISHOP, MARTIN, US
[72] WILLIAMS, STEPHEN, US
[71] S&C ELECTRIC COMPANY, US
[22] 2020-09-03
[41] 2021-03-24
[30] US (62/904,832) 2019-09-24

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[13] A1
[51] **Int.Cl. E21B 19/22 (2006.01) B60P 3/035 (2006.01)**
[25] EN
[54] **COILED TUBING APPARATUS FOR OIL AND GAS WELL OPERATIONS**
[54] **APPAREIL DE TUBE SPIRALE POUR LES OPERATIONS EN PUITS DE PETROLE ET DE GAZ**
[72] TEICHROB, GARY WAYNE, CA
[71] TY-CROP MANUFACTURING LTD., CA
[22] 2020-09-11
[41] 2021-03-26
[30] US (62/906,418) 2019-09-26

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[13] A1
[51] **Int.Cl. B61L 29/30 (2006.01)**
[25] EN
[54] **RAILROAD CROSSING GATE LIGHT OUT DETECTOR APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE POUR LA DETECTION D`UNE PANNE DE LUMIERE DE BARRIERE DE PASSAGE A NIVEAU**
[72] FOX, DAVID K., US
[72] HONECK, RANDALL G., US
[71] RAILWAY EQUIPMENT COMPANY, INC., US
[22] 2020-09-14
[41] 2021-03-24
[30] US (62/905067) 2019-09-24

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[13] A1
[51] **Int.Cl. F41A 19/10 (2006.01) F41A 19/12 (2006.01)**
[25] EN
[54] **TRIGGER MECHANISM FOR A FIREARM HAVING A VERTICAL AND HORIZONTAL ROTATABLE TRIGGER PIECE AND A VERTICAL MOVING SEAR**
[54] **MECANISME DE DETENTE D`UNE ARME A FEU AYANT UNE PIECE DE DETENTE ROTATIVE VERTICALE ET HORIZONTALE ET UNE GACHETTE MOBILE VERTICALE**
[72] ROESSEL, JOHN A., US
[71] ROESSEL, JOHN A., US
[22] 2020-09-11
[41] 2021-03-27
[30] US (62/907,205) 2019-09-27
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[51] **Int.Cl. C01D 15/02 (2006.01) B01D 61/42 (2006.01) C01D 15/04 (2006.01) C22B 3/20 (2006.01) C25B 1/34 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING LITHIUM HYDROXIDE MONOHYDRATE FROM BRINES**
[54] **METHODE DE PRODUCTION DE MONOHYDRATE D`HYDROXYDE DE LITHIUM A PARTIR DE SAUMURES**
[72] RIABTSEV, ALEKSANDR DMITRIYEVICH, RU
[72] NEMKOV, NIKOLAY MIKHAYLOVICH, RU
[72] TITARENKO, VALERIY IVANOVICH, RU
[72] KOTCUPALO, NATALYA PAVLOVNA, RU
[72] KURAKOV, ANDREY ALEKSANDROVICH, RU
[72] KOCHNEV, ALEKSANDR MIKHAILOVICH, RU
[71] ECOSTAR-NAUTECH CO., LTD, RU
[22] 2020-09-14
[41] 2021-03-25
[30] RU (2019130117) 2019-09-25

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[51] **Int.Cl. B62D 25/20 (2006.01)**
[25] EN
[54] **VEHICLE FLOOR**
[54] **PLANCHER DE VEHICULE**
[72] WONG, PETER, US
[72] RAJDERKAR, ADITYA, US
[72] KIELY, HECTOR, US
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US
[22] 2020-09-15
[41] 2021-03-26
[30] US (16/583,857) 2019-09-26

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[13] A1
[51] **Int.Cl. B25J 15/06 (2006.01) B65G 47/92 (2006.01)**
[25] EN
[54] **SUCTION GRIPPING DEVICE, TRANSFER SYSTEM, AND TRANSFER METHOD**
[54] **DISPOSITIF DE PREHENSION A VENTOUSE, SYSTEME DE TRANSFERT ET METHODE DE TRANSFERT**
[72] IKEYA, YUKIHIRO, JP
[72] TOYOSHIMA, TAKESHI, JP
[72] SHIBA, TAKETO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2020-09-15
[41] 2021-03-26
[30] JP (2019-174924) 2019-09-26

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[51] **Int.Cl. H04B 1/59 (2006.01) G01T 1/02 (2006.01) H04B 1/40 (2015.01) H04B 5/02 (2006.01) H04L 27/06 (2006.01) H02J 50/20 (2016.01) G01S 13/74 (2006.01)**
[25] EN
[54] **LOW POWER NON-VOLATILE NON-CHARGE-BASED VARIABLE SUPPLY RFID TAG MEMORY**
[54] **MEMOIRE DE BALISE RFID FAIBLE PUISSANCE NON VOLATILE INDEPENDANTE DE LA CHARGE A ALIMENTATION VARIABLE**
[72] YADEGARI, BEHZAD, CA
[72] MCGARRY, STEVEN, CA
[72] ROY, LANGIS, CA
[71] BEST MEDICAL CANADA LTD., CA
[22] 2020-09-16
[41] 2021-03-26
[30] US (17/010,713) 2020-09-02
[30] US (62/906,702) 2019-09-26

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[13] A1
[51] **Int.Cl. G01S 19/23 (2010.01)**
[25] EN
[54] **WAVEFRONT GLOBAL NAVIGATION SATELLITE SYSTEM AND INTERFERENCE SIMULATOR SYSTEMS AND METHODS OF USE THEREOF**
[54] **SYSTEME MONDIAL DE NAVIGATION PAR SATELLITES (FRONT D`ONDE), SYSTEMES DE SIMULATION D`INTERFERENCES ET METHODES D`UTILISATION**
[72] ILIE, IURIE, CA
[72] LE VEEL, PIERRE-MARIE, CA
[72] HAMEL, STEPHANE, CA
[72] MALO, SERGE, CA
[72] EDMOND, JULIEN, CA
[71] OROLIA USA INC., US
[22] 2020-09-16
[41] 2021-03-27
[30] US (62/907,042) 2019-09-27
[30] US (16/837,706) 2020-04-01

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[13] A1
[51] **Int.Cl. B67B 3/10 (2006.01)**
[25] EN
[54] **CAPPING HEAD, SYSTEM AND METHOD**
[54] **TETE DE CHAPEAU, SYSTEME ET METHODE**
[72] CUTAIO, FRANCESCO, IT
[72] MORSELLI, FEDERICO, IT
[72] NALDI, DORIANO, IT
[71] PELLICONI & C. S.P.A., IT
[22] 2020-09-11
[41] 2021-03-25
[30] IT (102019000017237) 2019-09-25

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[13] A1
[51] **Int.Cl. E02F 3/30 (2006.01) A01G 23/02 (2006.01) E02F 3/38 (2006.01)**
[25] EN
[54] **WORK IMPLEMENT, WORK VEHICLE AND METHOD**
[54] **APPAREIL DE TRAVAIL, VEHICULE DE TRAVAIL ET METHODE**
[72] SCHIERSCHMIDT, WILLIAM, US
[72] PATEL, MITESHKUMAR, US
[72] LACOURSIERE, ANDRE, US
[71] KOMATSU AMERICA CORP., US
[22] 2020-09-17
[41] 2021-03-27
[30] US (62/907,160) 2019-09-27

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[13] A1
[51] **Int.Cl. H04M 3/22 (2006.01) H04L 12/26 (2006.01) H04M 11/06 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM, AND DEVICE FOR CLOUD VOICE QUALITY MONITORING**
[54] **METHODE, SYSTEME ET DISPOSITIF DE SURVEILLANCE DE LA QUALITE DE LA VOIX EN NUAGE**
[72] VUPPALADHADIAM, HARIKRISHNA, US
[71] MITEL CLOUD SERVICES, INC., US
[22] 2020-09-17
[41] 2021-03-27
[30] US (16/585530) 2019-09-27

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[13] A1
[51] **Int.Cl. A47C 7/00 (2006.01)**
[25] EN
[54] **DYNAMIC SEATING PLATE**
[54] **PLAQUE DE SIEGE DYNAMIQUE**
[72] PISNIK, SRECKO, SI
[71] PISNIK, SRECKO, SI
[22] 2020-09-18
[41] 2021-03-24
[30] SI (P-201900180) 2019-09-24

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[13] A1
[51] **Int.Cl. A61B 90/17 (2016.01) A61B 6/04 (2006.01) A61N 5/10 (2006.01)**
[25] EN
[54] **BREAST POSITIONING DEVICE FOR BREAST CANCER RADIATION THERAPY**
[54] **APPAREIL DE POSITIONNEMENT DES SEINS POUR UNE RADIOTHERAPIE DU CANCER DU SEIN**
[72] ROUSSEAU, DIANE, CA
[72] ROSSEL, SUZANNE, CA
[72] RAFFIS, NANCY, CA
[71] ROUSSEAU, DIANE, CA
[71] ROSSEL, SUZANNE, CA
[71] RAFFIS, NANCY, CA
[22] 2020-09-21
[41] 2021-03-25
[30] US (62905601) 2019-09-25

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[13] A1
[51] **Int.Cl. G01T 1/02 (2006.01) G01T 1/24 (2006.01) H01L 29/788 (2006.01) G01S 13/74 (2006.01)**
[25] EN
[54] **LOW POWER DUAL-SENSITIVITY FG-MOSFET SENSOR FOR A WIRELESS RADIATION DOSIMETER**
[54] **CAPTEUR MOSFET A GRILLE FLOTTANTE, FAIBLE PUISSANCE ET A DOUBLE SENSIBILITE POUR UN DOSIMETRE SANS FIL**
[72] YADEGARI, BAHZAD, CA
[72] MCGARRY, STEVEN, CA
[72] ROY, LANGIS, CA
[71] BEST MEDICAL CANADA LTD., CA
[22] 2020-09-15
[41] 2021-03-26
[30] US (17/008,143) 2020-08-31
[30] US (62/906,526) 2019-09-26

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[13] A1
[51] **Int.Cl. F24F 11/30 (2018.01) F24F 11/49 (2018.01) F24F 11/50 (2018.01) F25B 45/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CHARGE DETERMINATION**
[54] **METHODE ET SYSTEME DE DETERMINATION DE CHARGE**
[72] BALAN, PATRIC ANANDA, IN
[72] GOEL, RAKESH, US
[72] RAJAN, SIDDARTH, IN
[71] LENNOX INDUSTRIES INC., US
[22] 2020-09-21
[41] 2021-03-23
[30] US (16/578,609) 2019-09-23

[21] **3,093,900**
[13] A1
[51] **Int.Cl. A61M 15/08 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **MINIATURIZED INHALATION DEVICE**
[54] **DISPOSITIF D`INHALATION MINIATURISE**
[72] KLEINER, WOLFGANG, DE
[72] TIET, VINH-NGHI, DE
[72] WOLLMERSHAUSER, MANFRED, DE
[71] ASPURACLIP GMBH, DE
[22] 2020-09-22
[41] 2021-03-26
[30] DE (10 2019 126 003.5) 2019-09-26

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[13] A1
[51] **Int.Cl. F25B 23/00 (2006.01) F16B 23/00 (2006.01) F16B 39/02 (2006.01)**
[25] EN
[54] **FASTENING SYSTEM AND METHOD**
[54] **METHODE ET SYSTEME DE FIXATION**
[72] SCHUSTER, FRIDOLIN, CA
[71] SONIX ENTERPRISES INC., CA
[22] 2020-09-22
[41] 2021-03-24
[30] US (62/904,963) 2019-09-24

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[13] A1
[51] **Int.Cl. H04L 12/721 (2013.01) H04L 12/18 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **ROUTER MANAGEMENT BY AN EVENT STREAM PROCESSING CLUSTER MANAGER**
[54] **GESTION DE ROUTEUR PAR UN GESTIONNAIRE DE GRAPPES DE TRAITEMENT DE LA DIFFUSION D`UN EVENEMENT**
[72] KOLODZIESKI, SCOTT J., US
[72] DETERS, VINCENT L., US
[72] HUANG, SHU, US
[72] LEVEY, ROBERT A., US
[71] SAS INSTITUTE INC., US
[22] 2020-09-23
[41] 2021-03-23
[30] US (16/578,480) 2019-09-23

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[13] A1
[51] **Int.Cl. F24F 11/41 (2018.01) F24F 11/32 (2018.01) F24F 11/86 (2018.01) F24F 13/22 (2006.01) F25B 47/00 (2006.01)**
[25] EN
[54] **AVOIDING COIL FREEZE IN HVAC SYSTEMS**
[54] **EVITEMENT DU GEL DES SERPENTINS DANS LES SYSTEMES CVC**
[72] GOEL, RAKESH, US
[71] LENNOX INDUSTRIES INC., US
[22] 2020-09-23
[41] 2021-03-24
[30] US (16/580,486) 2019-09-24

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[13] A1
[51] **Int.Cl. G01L 5/04 (2006.01) G01N 3/08 (2006.01)**
[25] EN
[54] **CONTAINMENT FORCE APPARATUS**
[54] **APPAREIL DE FORCE DE RETENUE**
[72] RIEMENSCHNEIDER, PAUL KURT, III, US
[72] CHING, ROBERT EDWARD KWOCK-FAI, US
[72] VENECHUK, LUCAS JAMES, US
[71] RIEMENSCHNEIDER, PAUL KURT, III, US
[22] 2020-09-23
[41] 2021-03-23
[30] US (62/903,982) 2019-09-23

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[13] A1
[51] **Int.Cl. F16L 5/02 (2006.01) F24F 1/26 (2011.01) F16L 55/07 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SEALING AND SUPPORTING EXTERNAL PIPE CONNECTIONS IN FLUID LINES AND DIRECTING ESCAPED FLUIDS TO A CABINET IN AN HVAC SYSTEM**
[54] **SYSTEME ET METHODE POUR SCELLER ET SUPPORTER DES RACCORDS DE TUYAU EXTERNES DANS DES CONDUITES DE FLUIDES ET DIRIGER LES FLUIDES ECHAPPES VERS UNE ARMOIRE D`UN SYSTEME CVC**
[72] USELTON, ROBERT B., US
[71] LENNOX INDUSTRIES INC., US
[22] 2020-09-23
[41] 2021-03-24
[30] US (16/580,052) 2019-09-24

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[21] **3,093,940**
[13] A1
[51] **Int.Cl. B03C 7/00 (2006.01) B03C 3/38 (2006.01) B65G 53/34 (2006.01) B65G 54/02 (2006.01)**
[25] FR
[54] **DEVICE FOR ELECTROSTATIC CHARGING OF A MIXTURE OF PELLETS, ASSOCIATED PROCESS AND USE**
[54] **DISPOSITIF DE CHARGE ELECTROSTATIQUE D'UN MELANGE DE GRANULES, PROCEDE ET UTILISATION ASSOCIES**
[72] SOMMEN, PIERRE, FR
[71] SKYTECH, FR
[22] 2020-09-23
[41] 2021-03-26
[30] FR (1910626) 2019-09-26

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[21] **3,093,948**
[13] A1
[51] **Int.Cl. G01S 17/86 (2020.01) B64C 39/02 (2006.01) B64D 47/00 (2006.01) G01C 11/02 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR AERIAL SURVEYING**
[54] **APPAREIL, SYSTEME ET METHODE DE SURVEILLANCE AERIENNE**
[72] CLARKE, GERALD STEWART, CA
[71] CLARKE, GERALD STEWART, CA
[22] 2020-09-23
[41] 2021-03-24
[30] US (62/904,944) 2019-09-24

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[21] **3,093,980**
[13] A1
[51] **Int.Cl. G01V 11/00 (2006.01) A61B 34/20 (2016.01)**
[25] EN
[54] **RECONFIGURABLE TRANSMITTER ARRAY FOR ELECTROMAGNETIC TRACKING SYSTEMS**
[54] **RESEAU DE TRANSMETTEURS RECONFIGURABLES POUR DES SYSTEMES DE SUIVI ELECTROMAGNETIQUES**
[72] SCHNEIDER, MARK ROBERT, US
[71] ASCENSION TECHNOLOGY CORPORATION, US
[22] 2020-09-23
[41] 2021-03-26
[30] US (62/906,532) 2019-09-26

[21] **3,093,998**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06N 20/00 (2019.01)**
[25] EN
[54] **COMPUTER SYSTEM AND METHOD FOR MARKET RESEARCH USING AUTOMATION AND VIRTUALIZATION**
[54] **SYSTEME INFORMATIQUE ET PROCEDE D`ETUDE DE MARCHE UTILISANT L`AUTOMATISATION ET LA VIRTUALISATION**
[72] FROMAN, ADAM, CA
[72] MAST, STEVE, CA
[71] DELVINIA HOLDINGS INC., CA
[22] 2020-09-23
[41] 2021-03-23
[30] US (62/903,967) 2019-09-23

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[21] **3,094,030**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 6/00 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMAGE-GUIDED NAVIGATION OF PERCUTANEOUSLY-INSERTED DEVICES**
[54] **SYSTEMES ET METHODES DE NAVIGATION GUIDEE PAR IMAGES DE DISPOSITIFS INSERES PAR VOIE PERCUTANEE**
[72] ALEXANDRONI, GUY, IL
[72] WEINGARTEN, OREN P., IL
[72] KOPEL, EVGENI, IL
[71] COVIDIEN LP, US
[22] 2020-09-23
[41] 2021-03-24
[30] US (62/905,151) 2019-09-24
[30] US (17/013,098) 2020-09-04

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 6/00 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMAGE-GUIDED NAVIGATION OF PERCUTANEOUSLY-INSERTED DEVICES**
[54] **SYSTEMES ET METHODES DE NAVIGATION GUIDEE PAR IMAGES DE DISPOSITIFS INSERES PAR VOIE PERCUTANEE**
[72] ALEXANDRONI, GUY, IL
[72] KOPEL, EVGENI, IL
[72] WEINGARTEN, OREN P., IL
[71] COVIDIEN LP, US
[22] 2020-09-23
[41] 2021-03-24
[30] US (62/905,151) 2019-09-24
[30] US (17/013,107) 2020-09-04

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[13] A1
[51] **Int.Cl. H01B 7/22 (2006.01)**
[25] EN
[54] **LOW-PROFILE CABLE ARMOR**
[54] **ARMURE DE CABLE A PROFIL BAS**
[72] LAFRENIERE, PETER, US
[72] DAMOURA, PAULO, US
[72] PEGG, RONALD, US
[72] ARAUJO, ANTONIO, US
[72] CAMPBELL, DAVID, US
[72] LUNDGREN, STEPHEN, US
[71] AFC CABLE SYSTEMS, INC., US
[22] 2020-09-22
[41] 2021-03-23
[30] US (16/578,842) 2019-09-23

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[13] A1
[51] **Int.Cl. F21V 9/40 (2018.01)**
[25] EN
[54] **LAMP**
[54] **LAMPE**
[72] SUO, YIN, CN
[72] ZHOU, HUISHENG, CN
[72] ZHANG, WUBIN, CN
[72] QIAN, XIN, CN
[71] CONSUMER LIGHTING (U.S.), LLC, US
[22] 2020-09-22
[41] 2021-03-26
[30] CN (201921618253X) 2019-09-26

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[21] **3,094,124**
[13] A1
[51] **Int.Cl. H02M 1/32 (2007.01) H02P 27/06 (2006.01)**
[25] EN
[54] **BUS VOLTAGE LIMITER FOR CONVERTER APPARATUS WITH MULTIPLE DC BUSES**
[54] **LIMITEUR DE TENSION DE BUS POUR UN APPAREIL CONVERTISSEUR A MULTIPLES BUS EN COURANT CONTINU**
[72] SIMMS, STAN REX, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2020-09-21
[41] 2021-03-25
[30] US (16/582021) 2019-09-25

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[21] **3,094,132**
[13] A1
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/43 (2006.01) E02F 3/84 (2006.01) H02K 7/14 (2006.01) H02P 5/74 (2006.01) H02P 27/06 (2006.01)**
[25] EN
[54] **INVERTER LOCATION AND ORIENTATION WITHIN A MOBILE MACHINE**
[54] **EMPLACEMENT ET ORIENTATION D`UN INVERSEUR DANS UNE MACHINE MOBILE**
[72] STOECKER, RANDY D., US
[72] GLEISSNER, DAVID A., US
[72] COWPER, LANCE M., US
[72] SMELTZER, KURT D., US
[71] CATERPILLAR INC, US
[22] 2020-09-21
[41] 2021-03-25
[30] US (16/582850) 2019-09-25

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[21] **3,094,142**
[13] A1
[51] **Int.Cl. A47G 25/90 (2006.01)**
[25] EN
[54] **HANGING DRESSING AID**
[54] **AIDE A L`HABILLEMENT SUSPENDU**
[72] KUCERA, JAROSLAV, CS
[71] KUCERA, JAROSLAV, CS
[22] 2020-09-22
[41] 2021-03-23
[30] US (16/578,540) 2019-09-23

[21] **3,094,155**
[13] A1
[51] **Int.Cl. B62D 5/04 (2006.01)**
[25] EN
[54] **ELECTRICALLY OPERATED STEERING SYSTEM FOR A VEHICLE**
[54] **SYSTEME DE DIRECTION A COMMANDE ELECTRIQUE POUR UN VEHICULE**
[72] TRAUTNER, FLORIAN, DE
[72] HARTINGER, DOMINIK, DE
[72] HANNEMANN, STEFAN, DE
[71] CROWN GABELSTAPLER GMBH & CO. KG, DE
[22] 2020-09-24
[41] 2021-03-25
[30] DE (102019125792.1) 2019-09-25

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[21] **3,094,170**
[13] A1
[51] **Int.Cl. A47B 47/04 (2006.01) F16B 12/12 (2006.01)**
[25] EN
[54] **MODULAR STORAGE SYSTEM**
[54] **SYSTEME DE RANGEMENT MODULAIRE**
[72] HEGARTY, ROBERT DOUGLAS, US
[72] PRERO, GABRIEL, US
[72] AUSTIN, JAMES ALLEN, III, US
[72] MATHISON, JEFFREY JOHN, US
[72] BROWN, TARA, US
[72] BOEHNEN, PATRICK, US
[72] WITT, MICHAEL, US
[71] LIBERTY HARDWARE MFG. CORP., US
[22] 2020-09-24
[41] 2021-03-26
[30] US (62/906,154) 2019-09-26
[30] US (17/028,121) 2020-09-22

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[21] **3,094,175**
[13] A1
[51] **Int.Cl. G01R 31/327 (2006.01) H01H 50/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING AN ELECTROMECHANICAL RELAY, ASSEMBLY AND METHOD FOR MONITORING RELAY OPERATION CONDITIONS**
[54] **SYSTEME DE SURVEILLANCE D`UN RELAIS ELECTROMECANIQUE, ASSEMBLAGE ET METHODE DE SURVEILLANCE DES CONDITIONS D`EXPLOITATION DU RELAIS**
[72] COMPTON, JOHN THOMAS, US
[72] MARTIN, JEROME, FR
[72] BRODIE, IAN, US
[72] FEER, MARINE, US
[72] HOU, YUNBO, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2020-09-24
[41] 2021-03-26
[30] US (16/584271) 2019-09-26

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[13] A1
[51] **Int.Cl. G06F 3/00 (2006.01) A63F 13/20 (2014.01) G06F 1/16 (2006.01) G06F 3/03 (2006.01)**
[25] EN
[54] **CONTROL INPUT DEVICE**
[54] **PERIPHERIQUE D`ENTREE DE COMMANDE**
[72] KLEIN, ALEX, GB
[72] SCHILLINGER, BRUNO, GB
[72] WOOD, TED, GB
[72] DERVISH, KEMAL, GB
[72] SCHNEIDERMAN, ELLIOT, GB
[72] GRIFFITH, PETER, GB
[72] SUBRAHMANYA, CHAITHRIKA U., GB
[72] SATHE, VAISH, GB
[72] HICKS, JAMES, GB
[72] GABOR, GABRIEL, GB
[72] SUPPER, BEN, GB
[72] LOVE, DAN, GB
[71] KANO COMPUTING LIMITED, GB
[22] 2020-09-24
[41] 2021-03-26
[30] GB (1913927.8) 2019-09-26

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[21] **3,094,214**
[13] A1
[51] **Int.Cl. B62J 9/00 (2020.01) B62J 11/00 (2020.01)**
[25] EN
[54] **STRADDLED VEHICLE**
[54] **VEHICULE A SELLE**
[72] SUGAWARA, KOHEI, JP
[72] ONOUE, TOMOKI, JP
[72] YAMADA, SHINYA, JP
[72] ENDO, AKIYOSHI, JP
[72] SUZUKI, AKIHIRO, JP
[72] TERAMOTO, YOSHINORI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2020-09-21
[41] 2021-03-27
[30] JP (2019-176632) 2019-09-27

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[21] **3,094,224**
[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01) A45F 3/18 (2006.01) A47G 19/22 (2006.01) A47G 19/26 (2006.01)**
[25] EN
[54] **360 DEGREE LID**
[54] **COUVERCLE 360 DEGRES**
[72] FENGKE, TIAN, CN
[71] SCRIBE OPCO, INC., DBA BIC GRAPHIC, US
[22] 2020-09-24
[41] 2021-03-24
[30] US (62/904,818) 2019-09-24

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[21] **3,094,278**
[13] A1
[51] **Int.Cl. B64F 5/10 (2017.01) B29C 70/36 (2006.01) B64C 1/14 (2006.01)**
[25] EN
[54] **METHOD AND TOOL FOR MANUFACTURING A COMPOSITE AIRCRAFT WINDOW FRAME**
[54] **METHODE ET OUTIL DE FABRICATION D`UN FILET DE BORDURE COMPOSITE D`AERONEF**
[72] CORVAGLIA, STEFANO GIUSEPPE, IT
[72] GALLO, NICOLA, IT
[72] PAPPADA, SILVIO, IT
[72] RAGANATO, UMBERTO, IT
[72] LANZILOTTO, LUCA, IT
[72] ARGANESE, MICHELE, IT
[71] LEONARDO S.P.A., IT
[22] 2020-09-24
[41] 2021-03-27
[30] IT (102019000017420) 2019-09-27

[21] **3,094,290**
[13] A1
[51] **Int.Cl. B63H 25/04 (2006.01) B63B 1/12 (2006.01) G05D 1/02 (2020.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POSITIONING AN AQUATIC VESSEL**
[54] **SYSTEME ET METHODE DE POSITIONNEMENT D`UNE EMBARCATION AQUATIQUE**
[72] SCHMID, ANDREW C., US
[72] KIRCHNER, KATIE C., US
[72] DONOUGHE, MICHAEL F., US
[72] SMITH, JEREMY C., US
[72] DONAT, BLAIR A., US
[72] FISHBURN, BRADLEY R., US
[72] MARSHALL, GABRIEL A., US
[71] POLARIS INDUSTRIES INC., US
[22] 2020-09-24
[41] 2021-03-27
[30] US (62/907366) 2019-09-27

[21] **3,094,299**
[13] A1
[51] **Int.Cl. E02D 7/00 (2006.01) E02D 13/00 (2006.01)**
[25] EN
[54] **GROUT PLUG SYSTEMS AND METHODS FOR PLACING PILES**
[54] **SYSTEMES DE BOUCHON ET METHODES DE PLACEMENT DE PIEUX TUBULAIRES**
[72] COLLINS, DAN, US
[72] MILLER, DAN, US
[71] AMERICAN PILEDRIVING EQUIPMENT, INC., US
[22] 2020-09-24
[41] 2021-03-25
[30] US (62/905,523) 2019-09-25
[30] US (17/030,150) 2020-09-23

[21] **3,094,346**
[13] A1
[51] **Int.Cl. E04C 5/18 (2006.01) B21D 53/00 (2006.01) B23P 15/00 (2006.01)**
[25] EN
[54] **TENSILE REINFORCEMENTS FOR CONCRETE SLAB**
[54] **ARMATURES TENDUES POUR DALLES DE BETON**
[72] DRAPER, CRAIG, US
[71] METTLER-TOLEDO, LLC, US
[22] 2020-09-24
[41] 2021-03-26
[30] US (16/583,636) 2019-09-26

[21] **3,094,374**
[13] A1
[25] EN
[54] **INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE**
[72] COUTTS, CLYDE, CA
[71] COUTTS INDUSTRIES INC., CA
[22] 2020-09-24
[41] 2021-03-24
[30] CA (3056503) 2019-09-24

[21] **3,094,385**
[13] A1
[51] **Int.Cl. E02F 3/90 (2006.01) E02F 3/88 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REDUCING OR PREVENTING PLUGGAGE IN AN EXCAVATION VACUUM APPARATUS**
[54] **SYSTEMES ET METHODES DE REDUCTION OU DE PREVENTION DE L`ENGORGEMENT DANS UN APPAREIL D`EXCAVATION PNEUMATIQUE**
[72] ANDERSON, THOR, US
[72] KEELEY, JACOB, US
[72] CONVERSE, CONNER, US
[72] STROBEL, ANDREW, US
[72] STORM, BRANDON LANE, US
[71] VERMEER MANUFACTURING COMPANY, US
[22] 2020-09-24
[41] 2021-03-24
[30] US (62/905043) 2019-09-24

[21] **3,094,436**
[13] A1
[51] **Int.Cl. H04L 12/927 (2013.01) H04L 12/861 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSMITTING DATA OVER AUTHORIZED TRANSMISSION CHANNELS**
[54] **SYSTEME ET METHODE DE TRANSMISSION DE DONNEES SUR DES CANAUX DE TRANSMISSION AUTORISES**
[72] TATE, KYLE BRUCE, CA
[72] ATIEQUE, SAAD, CA
[71] SHOPIFY INC., CA
[22] 2020-09-24
[41] 2021-03-24
[30] US (16/580008) 2019-09-24

[21] **3,094,472**
[13] A1
[51] **Int.Cl. B66D 5/00 (2006.01) B66D 1/54 (2006.01) B66D 1/60 (2006.01) E05F 11/54 (2006.01)**
[25] EN
[54] **AUXILLIARY CHAIN ASSEMBLY FOR ROLLING DOORS AND THE LIKE**
[54] **ASSEMBLAGE DE CHAINE AUXILIAIRE POUR DES PORTES COULISSANTES SUR GALETS ET SEMBLABLES**
[72] MAGRO, SEBASTIAN, US
[71] ALPINE OVERHEAD DOORS, INC., US
[22] 2020-09-25
[41] 2021-03-26
[30] US (16/584,330) 2019-09-26

[21] **3,094,491**
[13] A1
[51] **Int.Cl. H02H 3/38 (2006.01) H02H 3/05 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUS, AND METHODS TO IMPROVE DISTANCE PROTECTION IN TRANSMISSION LINES**
[54] **SYSTEMES, APPAREIL ET METHODES POUR AMELIORER LA PROTECTION A DISTANCE DE LIGNES DE TRANSMISSION**
[72] HA, HENGXU, GB
[72] ZHANG, ZHIYING, CA
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2020-09-25
[41] 2021-03-26
[30] US (16/584,723) 2019-09-26

[21] **3,094,506**
[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01) A47J 43/00 (2006.01)**
[25] EN
[54] **WOOD PLANK FOR GRILLING**
[54] **PLANCHE DE BOIS POUR LE GRILLAGE**
[72] ALP, TIM, CA
[71] MOUNTAIN ROAD PICTURES INC., CA
[22] 2020-09-25
[41] 2021-03-25
[30] US (62/905,719) 2019-09-25

[21] **3,094,509**
[13] A1
[51] **Int.Cl. B62D 65/00 (2006.01) B62D 31/02 (2006.01)**
[25] EN
[54] **METHOD OF CONSTRUCTING VEHICLE**
[54] **METHODE DE CONSTRUCTION D`UN VEHICULE**
[72] WONG, PETER, US
[72] RAJDERKAR, ADITYA, US
[72] KIELY, HECTOR, US
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US
[22] 2020-09-25
[41] 2021-03-26
[30] US (16/583,883) 2019-09-26

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[13] A1
[51] **Int.Cl. F16M 1/00 (2006.01) E01C 19/20 (2006.01) E01H 10/00 (2006.01) F03C 1/00 (2006.01) F16C 3/00 (2006.01) F16J 15/40 (2006.01) F16J 15/54 (2006.01) F16N 11/00 (2006.01)**
[25] EN
[54] **HYDRAULIC MOTOR SHAFT SEAL ASSEMBLY**
[54] **ENSEMBLE D`ETANCHEITE D`ARBRE DE MOTEUR HYDRAULIQUE**
[72] LONG, LIONEL C., US
[71] LONG, LIONEL C., US
[22] 2020-09-25
[41] 2021-03-27
[30] US (62/906,811) 2019-09-27

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[13] A1
[51] **Int.Cl. G08G 1/017 (2006.01) G08G 1/052 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING MOTION PROFILES AND TRAFFIC NETWORK**
[54] **METHODE ET SYSTEME DE GENERATION DE PROFILS DE MOUVEMENT ET RESEAU DE TRAFIC**
[72] DIETER, JOCHEN, DE
[72] MINGE, BERNHARD, DE
[72] BISSE, TIM, DE
[71] VITRONIC DR.-ING. STEIN BILDVERARBEITUNGSSYSTEME GMBH, DE
[22] 2020-09-25
[41] 2021-03-27
[30] EP (19200180.8) 2019-09-27

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[13] A1
[51] **Int.Cl. A61B 5/363 (2021.01) A61B 5/349 (2021.01) A61B 18/14 (2006.01)**
[25] EN
[54] **SEQUENTIAL MAPPING OF CARDIAC ARRHYTHMIA WITHOUT FIDUCIAL TIME REFERENCE**
[54] **CARTOGRAPHIE SEQUENTIELLE D`ARYTHMIE CARDIAQUE SANS REPERE TEMPOREL**
[72] SHARIAT, MOHAMMAD HASSAN, CA
[72] REDFEARN, DAMIAN P., CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[71] KINGSTON HEALTH SCIENCES CENTRE, CA
[22] 2020-09-25
[41] 2021-03-27
[30] US (62907072) 2019-09-27

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[13] A1
[51] **Int.Cl. G02B 6/12 (2006.01) H04B 10/80 (2013.01) G02B 27/10 (2006.01) G02F 1/313 (2006.01) G06E 1/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MITIGATING IMPERFECTIONS IN OPTICAL CIRCUITS**
[54] **METHODES ET APPAREIL POUR ATTENUER LES IMPERFECTIONS DANS LES CIRCUITS OPTIQUES**
[72] BRADLER, KAMIL, CA
[72] DHAND, ISH, CA
[71] XANADU QUANTUM TECHNOLOGIES INC., CA
[22] 2020-09-25
[41] 2021-03-26
[30] US (62/906,455) 2019-09-26

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[13] A1
[51] **Int.Cl. G06E 3/00 (2006.01) G06N 10/00 (2019.01) G06N 3/12 (2006.01)**
[25] EN
[54] **MANAGEMENT OF POWER CONSUMPTION IN OPTICAL CIRCUITS FOR QUANTUM COMPUTING**
[54] **GESTION DE LA CONSOMMATION D`ENERGIE DE CIRCUITS OPTIQUES UTILISES EN INFORMATIQUE QUANTIQUE**
[72] DHAND, ISH, CA
[72] QI, HAOYU, CA
[72] NEUHAUS, LEONHARD, DE
[72] HELT, LUKAS, CA
[72] BRADLER, KAMIL, CA
[72] VERNON, ZACHARY, CA
[72] KUMAR, SHREYA PRASANNA, CA
[71] XANADU QUANTUM TECHNOLOGIES INC., CA
[22] 2020-09-25
[41] 2021-03-26
[30] US (62/906,455) 2019-09-26
[30] US (62/972,422) 2020-02-10

[21] **3,094,545**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/22 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF ADAPTIVELY SECURING NETWORK COMMUNICATION CHANNELS**
[54] **SYSTEMES ET METHODES DE SECURISATION ADAPTATIVE DE VOIES DE COMMUNICATION RESEAU**
[72] GAMBLE, JAMIE, CA
[72] MAMMADLI, NARIMAN, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2020-09-25
[41] 2021-03-25
[30] US (62/905,735) 2019-09-25

[21] **3,094,547**
[13] A1
[51] **Int.Cl. A47C 3/18 (2006.01)**
[25] EN
[54] **ADJUSTABLE CHAIR**
[54] **FAUTEUIL AJUSTABLE**
[72] KASSNER, MATTHESON RYAN, CA
[71] KASSNER, MATTHESON RYAN, CA
[22] 2020-09-25
[41] 2021-03-27
[30] US (16/586,378) 2019-09-27

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[72] HALES, ERIC, US
[72] LARSEN, CREED, US
[72] MCLANE, MARK, US
[72] ANDERSEN, TODD, US
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[54] **ENCEINTE DE LAVAGE D`URGENCE**
[72] EVELEIGH, ROBERT B., US
[72] WEST, CAMERON, US
[72] BAKER, THOMAS R., US
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[54] **CARTE DE VOEUX COMPORTANT DES CARACTERISTIQUES DE PROTECTION ET DE DEVOILEMENT D`UNE CARTE CADEAU**
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[54] **POUDRES METALLIQUES A BASE D`ALUMINIUM ET METHODES DE PRODUCTION**
[72] LAROUCHE, FREDERIC, CA
[72] BALMAYER, MATTHIEU, CA
[72] MARION, FREDERIC, CA
[71] AP&C ADVANCED POWDERS & COATINGS INC., CA
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[54] **CONVERTISSEUR D`ENERGIE A FAIBLE DEBIT D`ENTREE**
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[72] KALASHNIKOV, ALEXEY, CA
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[54] **DISPOSITIF ET SYSTEME DE SUIVI**
[72] SMITH, RYAN, CA
[72] GUTIERREZ, SALOMON, CA
[72] RIOPEL, JASON, CA
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[72] LAFERRIERE, REY, CA
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[54] **POLYOL A BASE DE POLYURETHANE, METHODE DE PREPARATION ET APPLICATION**
[72] HE, WEI, CN
[72] OUYANG, KEQUAN, CN
[72] CHEN, CHANGZHU, CN
[72] MA, REN, CN
[72] GUO, KAI, CN
[72] FANG, ZHENG, CN
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[54] **APPAREIL ET METHODE POUR SCELLER UN CAPUCHON SUR UN SYSTEME DE TUYAUTERIE ISOLE**
[72] BRIGHAM, GRAHAM, CA
[71] INTEGRITY PRODUCTS AND SUPPLIES INC., CA
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[72] WANG, JIANLIN, US
[72] DONG, LU, CA
[72] HEAD, BRIAN P., CA
[72] MACISAAC, GORDON D., CA
[72] ROY, ANUP KUMAR, CA
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[54] **PROCEDE D'INDUCTION DE LA DIFFERENCIATION DE CELLULES SOUCHES DANS DES CELLULES NEURALES DOPAMINERGIQUES**
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[54] **DISPOSITIF A PROLONGATEUR D'AUTONOMIE**
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[72] WANG, LI YA, US
[72] CHEN, YU-MING, US
[72] HEMMADY, MIHIKA, US
[72] LIN, DUANYING, US
[72] LEE, YAU-SHING, US
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[72] ESPARZA, ROLANDO WILLCOX, US
[72] LIU, GEORGE, US
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[54] **PROCEDES ET COMPOSITIONS POUR TRAITER DES TROUBLES LIES AU VIEILLISSEMENT AU MOYEN D'INHIBITEURS DE CCR3**
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[72] MINAMI, S. SAKURA, US
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[72] TEICHERT, ARNAUD E.J., US
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[72] ZEINE, HATEM IBRAHIM, US
[71] OSSIA INC., US
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[54] **PROCEDE DE COMMANDE POUR FAIRE FONCTIONNER UNE MACHINE SYNCHRONE**
[72] GARMENDIA OLARREAGA, IKER, ES
[72] GALARRAGA TELLERIA, ALEXANDER, ES
[72] CAMPO CABALLERO, NESTOR, ES
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[54] **PAPIER A ROULER PERMETTANT DE ROULER UNE EXTREMITE FILTRE CONIQUE DESTINEE A UNE CIGARETTE**
[72] MOUSSON, PIERRE JACQUES, BE
[72] RUSPELER, ALAIN JEAN-PAUL, FR
[71] IMATEC - INNOVATIVE MACHINE TECHNOLOGY S.A R.L, LU
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[72] ERTL, PETER, AT
[72] ROTHBAUER, MARIO, AT
[71] TECHNISCHE UNIVERSITAT WIEN, AT
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[72] SALIH, HELMUT, DE
[72] VOGT, FABIAN, DE
[72] ZEKRI-METREF, LATIFA, DE
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[54] **EXTRAITS DE MORICANDIA POUR LEUR UTILISATION DANS LA PREVENTION ET LE TRAITEMENT DES MALADIES METABOLIQUES**
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[72] LELOUP, CORINNE, FR
[71] UNIVERSITE DE BOURGOGNE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT, FR
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[54] **SYSTEME CHIRURGICAL ET PROCEDURE DE REDUCTION PRECISE DE LA PRESSION INTRAOCULAIRE**
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[54] **SYSTEME ET PROCEDE DE TRI DE COLIS ET D'ARTICLES AVEC RETRAIT DE CONTENEUR DE DESTINATION**
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[72] GOERGEN, PATRICK JOHN, US
[72] HOLSTINE, DANIELLE MARIE, US
[72] TRUJILLO, TOMAS MANUEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[72] MEWS, PHILIPP, US
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[72] GLASS, ANDREW, US
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[54] **SYSTEM AND METHOD FOR ANAEROBIC DIGESTION PROCESS ASSESSMENT, OPTIMIZATION AND/OR CONTROL**
[54] **SYSTEME ET PROCEDE D'EVALUATION, D'OPTIMISATION ET/OU DE COMMANDE DE PROCESSUS DE DIGESTION ANAEROBIE**
[72] KENT, KENNETH BLAIR, CA
[72] ALLAF-AKBARI, AMIR, CA
[72] NASARTSCHUK, KONSTANTIN, CA
[72] SHIELL, KEVIN JOHN, CA
[72] MOTASEMI, FAROUGH, CA
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[54] **PROCESS FOR RECOVERING NON-FERROUS PRECIOUS METALS BY PELLETISATION AND CALCINATION OF LEACHING ACTIVATED CARBON POWDER**
[54] **PROCEDE DE RECUPERATION DE METAL PRECIEUX NON-FERREUX PAR PELLETISATION ET CALCINATION DE POUDRE DE CHARBON ACTIF DE LIXIVIATION**
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[54] **PROCEDE D'ENRICHISSEMENT D'UNE BIOMASSE EN PROTEINES**
[72] CAGNAC, OLIVIER, FR
[72] ATHANE, AXEL, FR
[72] DEMOL, JULIEN, FR
[71] FERMENTALG, FR
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[54] **APPAREIL DE MANIPULATION DE FEUILLES AVEC RETRAIT AUTOMATIQUE DE FILM DE SEPARATION ET PROCEDE ASSOCIE**
[72] ZAFFARONI, ROBERTO, CH
[71] ASTES4 SA, CH
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[54] **SOUCHE DE DOMINIKIA SP., COMPOSITIONS COMPRENANT CELLE-CL ET UTILISATIONS CORRESPONDANTES**
[72] JUAREZ MOLINA, JESUS, ES
[72] FERNANDEZ, FELIX, ES
[71] SYMBORG, SL, ES
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[54] **PROCEDES DE PRODUCTION D'ANGIOBLASTES ET DE CELLULES DE TYPE ENDOTHELIAL SINUSOIDAL ET COMPOSITIONS CORRESPONDANTES**
[72] KELLER, GORDON, CA
[72] GAGE, BLAIR KENNETH, CA
[71] UNIVERSITY HEALTH NETWORK, CA
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[54] **DISPOSITIF D'AFFICHAGE CIBLE**
[72] WHITFELD, SAMUEL, AU
[71] TOWARRA HOLDINGS PTY. LTD., AU
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[72] LEE, JASON, AU
[72] AL-EJEH, FARES, AU
[71] THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH, AU
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[54] **STORAGE DEVICE**
[54] **DISPOSITIF DE RANGEMENT**
[72] BARABEISCH, MARKUS, DE
[72] SNEHOTTA, RAINER, DE
[72] SCHMITTMANN, PATRICK, DE
[71] TANOS GMBH VERPACKEN ORDNEN PRASENTIEREN, DE
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[54] **APPAREIL D'ETANCHEITE DESTINE A DES NIVELEURS DE QUAI**
[72] THOLE, COLLIN, US
[72] SCHMIDT, TIMOTHY J., US
[72] BORGERDING, GARY, US
[72] HEIM, FRANK, US
[72] BLASER, MARY, US
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[54] **USE OF CFTR MODULATORS FOR TREATING CEREBROVASCULAR CONDITIONS**
[54] **UTILISATION DE MODULATEURS DU CFTR POUR TRAITER DES AFFECTIONS CEREBROVASCULAIRES**
[72] BOLZ, STEFFEN-SEBASTIAN, DE
[71] QANATPHARMA AG, CH
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[54] **AGENCEMENT ET PROCEDE DE DECHARGE DE POTENTIEL DANS LA TECHNIQUE LIEE AUX HAUTES TENSIONS**
[72] MULLER, SEBASTIAN, DE
[72] PRUCKER, UDO, DE
[71] SIEMENS ENERGY GLOBAL GMBH & CO. KG, DE
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[54] **UTILISATION D'INHIBITEURS DE LA CASEINE KINASE 1 POUR TRAITER DES MALADIES VASCULAIRES**
[72] BOLZ, STEFFEN-SEBASTIAN, DE
[71] QANATPHARMA AG, CH
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[54] **DISPOSITIF ET PROCEDE DE FOURNITURE D'ELEMENTS DE BOUCHAGE TRIES**
[72] ROTH, EMMANUEL, FR
[72] SPIESSER, DANIEL, FR
[72] SCHMITT, ARNAUD, FR
[71] SIDEL ENGINEERING & CONVEYING SOLUTIONS, FR
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[54] **FUNCTIONALIZATION AND REINFORCEMENT IN THE DRY STATE AND IN THE WET STATE OF A CELLULOSIC MATERIAL BY AN OXIDIZED POLYSACCHARIDE**
[54] **FONCTIONALISATION ET RENFORCEMENT A L'ETAT SEC ET A L'ETAT HUMIDE D'UN MATERIAU CELLULOSIQUE PAR UN POLYSACCHARIDE OXYDE**
[72] GAFFIOT, LAURIC, FR
[72] HEUX, LAURENT, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **ACTIVATION DE LAITIER DE HAUT-FOURNEAU GRANULE BROYE**
[72] DUPOUY, LISSA, FR
[72] LIARD, MAXIME, FR
[72] HAUGUEL, LOLITA, CH
[72] LOOTENS, DIDIER, CH
[71] SIKA TECHNOLOGY AG, CH
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[54] **CASING EXPANDER FOR WELL ABANDONMENT**
[54] **MOYEN D'AGRANDISSEMENT DE TUBAGE POUR CESSATION D'EXPLOITATION DE PUITS**
[72] KUNZ, DALE, CA
[71] WINTERHAWK WELL ABANDONMENT LTD., CA
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[54] **DISPOSITIF ET PROCEDE DE CONVOYAGE DE PRODUITS**
[72] ADAM, ALEX, CA
[71] GEBO CERMEX CANADA INC., CA
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[54] **ALIGNEMENT DE RUBAN EN MATERIAU HTS**
[72] SLADE, ROBERT, GB
[72] BRITTLES, GREG, GB
[72] VAN NUGTEREN, BAS, GB
[71] TOKAMAK ENERGY LTD, GB
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[54] **RADAR POUR LE SUIVI OU LA GENERATION D'IMAGES RADAR D'OBJETS PASSIFS**
[72] TROUTMAN, DENNIS, US
[71] BLUECATS AUSTRALIA PTY LTD., AU
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[54] **PROCEDE DE CULTURE D'UN MICROORGANISME D'INTERET ET INSTALLATION ASSOCIEE**
[72] HOFFMANN, PIERRE-ALAIN, FR
[72] GLEYSES, EVELYNE, FR
[71] KYANOS BIOTECHNOLOGIES, FR
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[54] **ENSEMBLE FILTRE**
[72] STOUGHTON, HANNAH L., US
[72] KELLEY, TOMMIE W., US
[72] SANTA CRUZ, WINDY A., US
[72] GORRELL, MATTHEW W., US
[72] STENDER, JOHN B., US
[72] MCCOOL, CHRISTINE L., US
[72] ELAM, MICHAEL J., US
[72] SCHUFFERT, MICHAEL S., US
[72] HEDDEN, JACKSON H., US
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[54] **PROCESS FOR PRODUCING ALCOHOLS WITH CLOSTRIDIUM ON A SOLID SUPPORT**
[54] **PROCEDE DE PRODUCTION D'ALCOOLS AVEC CLOSTRIDIUM SUR SUPPORT SOLIDE**
[72] GONZALEZ PENAS, HELENA, FR
[72] ROPARS, MARCEL, FR
[72] TOTH, ESZTER, FR
[72] COUPARD, VINCENT, FR
[72] MENIR, SANDRA, FR
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[54] **PRISE DE TORCHE ET BANDE LUMINEUSE**
[72] HENNEMANN, VOLKER, DE
[72] WINKLER, JURGEN, DE
[72] LOSEL, JONATHAN, DE
[72] BAUER, FRANK, DE
[72] BOLT, ANATOLI, DE
[71] WIELAND ELECTRIC GMBH, DE
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[54] **COMPOSITIONS INJECTABLES D'ACETATE DE MEDROXYPROGESTERONE ET LEURS PROCEDES D'UTILISATION**
[72] SUNDARAMURTHI, PRAKASH, US
[72] MIJAKOVAC, IVANA, HR
[72] RASIC, ANDREA, HR
[72] TUNJIC, IVA, HR
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
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[54] **JOINT NASAL POUR INTERFACE PATIENT RESPIRATOIRE**
[72] SPEAR, TONY WILLIAM, NZ
[72] STEPHENSON, MATTHEW ROGER, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **METHOD FOR SELECTING NEOEPITOPES**
[54] **PROCEDE DE SELECTION DE NEO-EPITOPES**
[72] SEKELJA, MONIKA, NO
[72] SCHJETNE, KAROLINE, NO
[72] FREDRIKSEN, AGNETE BRUNSVIK, NO
[71] VACCIBODY AS, NO
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[54] **ADJUSTMENT DEVICE FOR CONTROLLING THE AERODYNAMIC LOAD ON A MOTORCAR**
[54] **DISPOSITIF DE REGLAGE POUR COMMANDER LA CHARGE AERODYNAMIQUE SUR UNE AUTOMOBILE**
[72] RICCIO, UGO, IT
[72] PARISI, RICCARDO, IT
[72] TORLUCCIO, ANTONIO, IT
[71] AUTOMOBILI LAMBORGHINI S.P.A., IT
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[54] **ARRANGEMENT D'ECHANGEUR DE CHALEUR A PLAQUES**
[72] KONTU, MAURI, FI
[71] VAHTERUS OY, FI
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[72] PASCUAL, GABRIEL, NL
[72] APETRI, CONSTANTIN ADRIAN, NL
[72] LI, XINJI, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
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[54] **METHODS AND COMPOSITIONS FOR DELIVERING MYCOPHENOLIC ACID ACTIVE AGENTS TO NON-HUMAN MAMMALS**
[54] **METHODES ET COMPOSITIONS POUR L'ADMINISTRATION D'AGENTS ACTIFS D'ACIDE MYCOPHENOLIQUE A DES MAMMIFERES NON HUMAINS**
[72] KLOTSMAN, MICHAEL, US
[72] SHIVANAND, PADMAJA, US
[72] ANDERSON, WAYNE H., US
[72] SATHYAN, GAYATRI, IN
[71] OKAVA PHARMACEUTICALS, INC., US
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[72] ALDAPE FARIAS, GUADALUPE DEL CARMEN, US
[72] RAMIREZ PAVON, PATRICIA, US
[72] SHER, ALEXANDER A, US
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[54] **CORRELATION EN TEMPS REEL DE DONNEES DE POSITION DETECTEES AVEC DES CARACTERISTIQUES TERRESTRES**
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[72] CATRON, ROBERT, US
[72] VAUGHAN, BRIAN, US
[72] LU, HUNG JUNG, US
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[54] **RECIPIENT DE BOISSON GLACEE ET SYSTEMES ET PROCEDES DE DISTRIBUTION DE BOISSON GLACEE**
[72] ALEXANDER, CLAYTON, US
[72] TIMPERI, MIKKO JUHANI, US
[72] LEITH, DAREN JOHN, US
[72] WAKEHAM, CHRISTOPHER THOMAS, US
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[54] **PROCEDES DE CULTURE CELLULAIRE CONTINUE**
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[72] ZANG, RU, US
[71] MOMENTA PHARMACEUTICALS, INC., US
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[54] **UTILISATIONS THERAPEUTIQUES DE GRAPPES QUANTIQUES D'ATOMES**
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[72] DOMINGUEZ PUENTE, FERNANDO, ES
[72] LOPEZ QUINTELA, MANUEL ARTURO, ES
[71] NANOGAP SUB NM POWDER, S.A., ES
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[54] **ENSEMBLES CABLES OPTIQUES AYANT DES LIMITES DE COURANT DE SORTIE VARIABLES**
[72] GIZIEWICZ, WOJCIECH PIOTR, DE
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
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[54] **DIFFERENTIAL SYSTEM INCLUDING STEPPED PLANETARY GEARS WITH DIFFERENTIAL RATE GOVERNED BY VARIABLE SPEED MOTOR AND ASSOCIATED METHOD OF OPERATION**
[54] **SYSTEME DIFFERENTIEL COMPRENANT DES ENGRENAGES PLANETAIRES ETAGES A VITESSE DIFFERENTIELLE GOUVERNES PAR UN MOTEUR A VITESSE VARIABLE ET PROCEDE DE FONCTIONNEMENT ASSOCIE**
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[54] **PREVISION DE GLYCEMIE**
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[72] DACHIS, JEFFREY, US
[71] INFORMED DATA SYSTEMS INC. D/B/A ONE DROP, US
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[54] **ESSAI ACOUSTIQUE DE CAROTTES**
[72] YANG, YUNLAI, SA
[72] ALMARHOON, MAHER I., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE PEINTURE EN AEROSOL A BASE D'EAU ET UTILISATION DE MATERIAU DE PEINTURE**
[72] VAN DER NET, HENDRIK, NL
[72] PARVIAINEN, ILKKA, FI
[71] WISESPRAY INTERNATIONAL OY, FI
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[54] **IMPROVED SYSTEMS AND METHODS FOR WRITING AND READING DATA STORED IN A POLYMER**
[54] **SYSTEMES ET PROCEDES AMELIORES D'ECRITURE ET DE LECTURE DE DONNEES MEMORISEES DANS UN POLYMERE**
[72] PREDKI, PAUL F., US
[72] FOSTER, JOHN STUART, US
[71] IRIDIA, INC., US
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[54] **TEST DE RESISTANCE AU JEU DE TERRAIN DE GAZON**
[72] ALDAHIR, PHILIPE, US
[72] SANDS, TREVOR, US
[72] DUTTON, JEREMY, US
[71] SHAW INDUSTRIES GROUP, INC., US
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[54] **NEUROTOXINES CLOSTRIDIALES COMPRENANT UNE BOUCLE D'ACTIVATION EXOGENE**
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[72] LOVELOCK, LAURA, GB
[71] IPSEN BIOPHARM LIMITED, GB
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[54] **MODULE D'ANTENNE SANS FIL, ET SYSTEME SANS FIL**
[72] AKI, TOMOHIKO, JP
[72] OZAKI, NORIMASA, JP
[71] SMC CORPORATION, JP
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[54] **PROCEDES D'EXTRACTION, DE TRAITEMENT ET DE PURIFICATION DE FAMILLE SELECTIONNEE DE COMPOSES CIBLES ISSUS DU CANNABIS**
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[54] **DISPOSITIF DE BALAYAGE LASER ET DISPOSITIF D'USINAGE LASER**
[72] NAKAZAWA, MUTSUHIRO, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[54] **FILTRE RESISTANT AU FEU**
[72] GORRELL, MATTHEW W., US
[72] STOUGHTON, HANNAH L., US
[72] SANTA CRUZ, WINDY A., US
[72] MCCOOL, CHRISTINE L., US
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[54] **APPAREIL ET PROCEDE D'IMPRESSION 3D AVEC UNE SURFACE LISSE**
[72] BALTAZAR-Y-JIMENEZ, ALEXIS, CA
[72] INGRAM, JOHN A., CA
[72] WANG, ZONGXUN, CA
[72] WHITFIELD, THOMAS M., CA
[71] MAGNA EXTERIORS INC., CA
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[54] **SYSTEM AND METHOD FOR AUTOMATICALLY CONTROLLING WORK MACHINE INCLUDING WORK IMPLEMENT**
[54] **SYSTEME ET PROCEDE DE COMMANDE AUTOMATIQUE DE MACHINE DE TRAVAIL COMPRENANT UN ENGIN DE CHANTIER**
[72] TAKAOKA, YUKIHISA, JP
[71] KOMATSU LTD., JP
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[54] **COMPOSITION DE REVETEMENT POUR REVETEMENTS EXTREMES LAVABLES**
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[72] SWARUP, SHANTI, US
[72] WANG, YU, US
[72] XU, XIANGLING, US
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[54] **POMPE DE PUITS RECUPERABLE ACTIONNEE PAR GAZ POUR FACILITER L'EXTRACTION AU GAZ**
[72] HANSEN, HENNING, NO
[71] HANSEN DOWNHOLE PUMP SOLUTIONS AS, NO
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[71] ACADEMISCH ZIEKENHUIS LEIDEN (H.O.D.N. LUMC), NL
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[54] **CHENILLE POUR UN VEHICULE A CHENILLES, EN PARTICULIER POUR LA PREPARATION DE PISTES DE SKI, ET VEHICULE A CHENILLES COMPRENANT UNE PLURALITE DESDITES CHENILLES**
[72] STRANINGER, MARKUS, AT
[72] KIRCHMAIR, MARTIN, IT
[72] MAURER, GREGOR, IT
[71] PRINOTH S.P.A., IT
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[54] **SYSTEME AGRICOLE COMPRENANT UN BROYEUR DE DECHIQUETAGE ET SON PROCEDE**
[72] KRAUS, TIMOTHY J., US
[71] DEERE & COMPANY, US
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[54] **APPAREIL, PROCEDE ET PROGRAMME PERMETTANT DE DETERMINER UN ETAT COGNITIF D'UN UTILISATEUR D'UN DISPOSITIF MOBILE**
[72] TARNANAS, IOANNIS, CH
[72] BUGLER, MAXIMILIAN, DE
[71] ALTOIDA LTD., CH
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[71] FUJITSU LIMITED, JP
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[54] **SECATEUR DEUTERE DESTINE A ETRE UTILISE DANS LE TRAITEMENT D'UNE VAGINOSE BACTERIENNE ET PROCEDES ET UTILISATIONS DE CELUI-CI**
[72] HOLL, RICHARD JOHN, US
[72] NIELSEN, KURT, US
[72] GAREGNANI, JAMES, US
[71] LUPIN INC., US
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[54] **POLYTHERAPIES**
[72] ENGSTROM, LARS DANIEL, US
[72] ARANDA, RUTH WEI, US
[72] OLSON, PETER, US
[72] CHRISTENSEN, JAMES GAIL, US
[72] HALLIN, JILL, US
[71] MIRATI THERAPEUTICS, INC., US
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[54] **RECEPTEUR ANTIGENIQUE CHIMERIQUE POUR UN CANCER SOLIDE ET LYMPHOCYTES T EXPRIMANT CE RECEPTEUR CHIMERIQUE DE L'ANTIGENE**
[72] KONG, SEOGKYOUNG, KR
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[54] **CANNABINOIDES POUR LE TRAITEMENT D'INFECTIONS A GRAM POSITIF COMPRENANT DES SOUCHES BACTERIENNES ANTIBIORESISTANTES**
[72] MURPHY, BRIAN, US
[72] EL SOHLY, MAHMOUD, US
[72] GUL, WASEEM, US
[72] JACOB, MELISSA, US
[71] NEMUS BIOSCIENCE, INC., US
[71] UNIVERSITY OF MISSISSIPPI, US
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[54] **NON-INVASIVE VENOUS WAVEFORM ANALYSIS FOR EVALUATING A SUBJECT**
[54] **ANALYSE NON INVASIVE DE FORME D'ONDE VEINEUSE POUR EVALUER UN SUJET**
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[72] BROPHY, COLLEEN M., US
[72] EAGLE, SUSAN S., US
[71] VANDERBILT UNIVERSITY, US
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[54] **IMAGE ENCODING/DECODING METHOD AND DEVICE USING INTRA PREDICTION**
[54] **PROCEDE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE UTILISANT UNE PREDICTION INTRA**
[72] KIM, KI BAEK, KR
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **PROCEDURE FOR DIRECTIONAL WARHEAD AND WARHEAD THEREFOR**
[54] **PROCEDE POUR OGIVE DIRECTIONNELLE ET OGIVE ASSOCIEE**
[72] THUMAN, CHRISTER, SE
[71] BAE SYSTEMS BOFORS AB, SE
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[54] **FUSED HETEROCYCLIC COMPOUNDS AS RET KINASE INHIBITORS**
[54] **COMPOSES HETEROCYCLIQUES CONDENSES COMME INHIBITEURS DE KINASES RET**
[72] BLAKE, JAMES F., US
[72] DAI, DONGHUA, US
[72] HAAS, JULIA, US
[72] JIANG, YUTONG, US
[72] KAHN, DEAN, US
[72] KOLAKOWSKI, GABRIELLE R., US
[72] MCFADDIN, ELIZABETH A., US
[72] MCKENNEY, MEGAN L., US
[72] METCALF, ANDREW T., US
[72] MORENO, DAVID A., US
[72] PRIGARO, BRETT, US
[72] RAMANN, GINELLE A., US
[72] REN, LI, US
[72] WALLS, SHANE M., US
[72] ZHANG, HAILONG, US
[71] ARRAY BIOPHARMA INC., US
[85] 2021-03-05
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[54] **FLASH JOULE HEATING SYNTHESIS METHOD AND COMPOSITIONS THEREOF**
[54] **PROCEDE DE SYNTHESE PAR CHAUFFAGE OHMIQUE INSTANTANE ET COMPOSITIONS ASSOCIEES**
[72] TOUR, JAMES MITCHELL, US
[72] LUONG, DUY X., US
[72] KITTRELL, WILBUR CARTER, US
[72] CHEN, WEIYIN, US
[71] WILLIAM MARSH RICE UNIVERSITY, US
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[54] **METHODS AND COMPOSITIONS FOR RETINAL NEURON GENERATION IN CARRIER-FREE 3D SPHERE SUSPENSION CULTURE**
[54] **PROCEDES ET COMPOSITIONS POUR LA GENERATION DE NEURONES RETINIENS DANS UNE CULTURE EN SUSPENSION DE SPHERES 3D SANS SUPPORT**
[72] QIANG, FENG, US
[72] ELSEN, GINA, US
[72] LU, SHI-JIANG, US
[71] HEBECELL CORPORATION, US
[85] 2021-03-05
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[54] **OPTIMIZED TRUSS FOUNDATIONS, ADAPTERS FOR OPTIMIZED TRUSS FOUNDATIONS, AND RELATED SYSTEMS AND METHODS**
[54] **FONDATIONS DE POUTRE TRIANGULEE OPTIMISEES, ADAPTATEURS POUR FONDATIONS DE POUTRE TRIANGULEE OPTIMISEES, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] WEST, JACK, US
[72] MAR, DAVID, US
[72] ALMY, CHARLES, US
[72] HUDSON, TYRUS, US
[72] KARKHECK, JOHANN, US
[72] PESCE, KATHRYN, US
[71] OJJO, INC., US
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[54] **CAPTEURS RETROGRAPHIQUES**
[72] ADELSON, EDWARD H., US
[72] COTTRELL, F. RICHARD, US
[71] GELSIGHT, INC., US
[85] 2021-03-05
[86] 2019-09-06 (PCT/US2019/049962)
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[25] EN
[54] **A PROCESS FOR SEPARATING AN ALKYLATION PRODUCT, AN ALKYLATION REACTION AND SEPARATION PROCESS, AND A RELATED APPARATUS**
[54] **PROCEDE DE SEPARATION DE PRODUIT D'ALKYLATION, PROCEDE DE REACTION D'ALKYLATION ET DE SEPARATION, ET APPAREIL ASSOCIE**
[72] YUAN, QING, CN
[72] MAO, JUNYI, CN
[72] ZHU, ZHENXING, CN
[72] HUANG, TAO, CN
[72] ZHAO, ZHIHAI, CN
[72] LI, YONGXIANG, CN
[72] HU, LIFENG, CN
[72] TANG, XIAOJIN, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC, CN
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[25] EN
[54] **A PROCESS FOR SEPARATING AN ALKYLATION PRODUCT, AN ALKYLATION REACTION AND SEPARATION PROCESS, AND A RELATED APPARATUS**
[54] **PROCEDE DE SEPARATION POUR PRODUITS D'ALKYLATION, REACTION D'ALKYLATION ET PROCEDE DE SEPARATION ET DISPOSITIF ASSOCIE**
[72] YUAN, QING, CN
[72] MAO, JUNYI, CN
[72] ZHU, ZHENXING, CN
[72] HUANG, TAO, CN
[72] ZHAO, ZHIHAI, CN
[72] LI, YONGXIANG, CN
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[72] TANG, XIAOJIN, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC, CN
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[54] **1-ISOPROPYL-3-METHYL-8-(PYRIDIN-3-YL)-1,3-DIHYDRO-2H-IMIDAZO[4,5-C]CINN OLIN-2-ONE AS SELECTIVE MODULATORS OF ATAXIA TELANGIECTASIA MUTATED (ATM) KINASE AND USES THEREOF**
[54] **1-ISOPROPYL-3-METHYL-8-(PYRIDIN-3-YL) -1, 3-DIHYDRO-2H-IMIDAZO [4, 5-C] CINNOLIN-2-ONE SERVANT DE MODULATEURS SELECTIFS DE LA KINASE ATAXIE TELANGIECTASIE (ATM) MUTEE ET UTILISATIONS ASSOCIEES**
[72] ZHOU, DING, CN
[72] CHENG, ZIQIANG, CN
[71] SUZHOU ZANRONG PHARMA LIMITED, CN
[85] 2021-03-08
[86] 2019-09-16 (PCT/CN2019/105951)
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[54] **STORED BALANCE WITH MULTI-CHANNEL WITHDRAWAL ACCESS**
[54] **SOLDE STOCKE AVEC ACCES DE RETRAIT MULTI-CANAL**
[72] RIECHERS, CHRISTINA, US
[72] CORMIER, MICHAEL, US
[72] MARGOLIS, ZACHARY, US
[72] FEZGA, BORA, US
[72] ROBBINS, CLAY, US
[72] MERETAB, JUSTIN, US
[71] SQUARE. INC., US
[85] 2021-03-05
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[54] **UNIVERSAL SHOULDER PROSTHESIS SYSTEM**
[54] **SYSTEME UNIVERSEL DE PROTHESE D'EPAULE**
[72] LONGOBARDI, RAPHAEL S.F., US
[71] LONGOBARDI, RAPHAEL S.F., US
[85] 2021-03-05
[86] 2019-09-09 (PCT/US2019/050253)
[87] (WO2020/051595)
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[51] **Int.Cl. A61K 51/08 (2006.01) A61K 47/60 (2017.01) A61K 47/62 (2017.01) A61K 38/00 (2006.01) C07K 7/06 (2006.01)**
[25] EN
[54] **ALPHA(V)BETA(6) INTEGRIN-BINDING PEPTIDES AND METHODS OF USE THEREOF**
[54] **PEPTIDES SE LIANT A L'INTEGRINE ALPHA(V)BETA(6) ET LEURS PROCEDES D'UTILISATION**
[72] TANG, YNG, US
[72] SUTCLIFFE, JULIE L., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2021-03-05
[86] 2019-09-06 (PCT/US2019/050089)
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[51] **Int.Cl. H04L 29/08 (2006.01) H04W 12/08 (2021.01) H04L 29/06 (2006.01)**
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[54] **APPLICATION SCRIPTS FOR CROSS-DOMAIN APPLICATIONS**
[54] **SCRIPTS D'APPLICATIONS DESTINES A DES APPLICATIONS INTERDOMAINES**
[72] CHAUHAN, ABHISHEK, US
[71] CITRIX SYSTEMS, INC., US
[85] 2021-03-05
[86] 2019-09-10 (PCT/US2019/050386)
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[51] **Int.Cl. C12Q 1/68 (2018.01) G16H 10/40 (2018.01) G16H 20/10 (2018.01) G16H 20/60 (2018.01) G16H 50/20 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MICROBIOME ANALYSIS**
[54] **SYSTEMES ET METHODES D'ANALYSE DE MICROBIOME**
[72] VUYISICH, MOMCHILO, US
[72] PERLINA, ALLY, US
[72] BANAVAR, GURUDUTH S., US
[72] MESSIER, HELEN, US
[71] VIOME, INC., US
[85] 2021-03-05
[86] 2019-09-06 (PCT/US2019/050102)
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[25] EN
[54] **NOVEL WHEAT CENH3 ALLELES**
[54] **NOUVEAUX ALLELES CENH3 DE BLE**
[72] LV, JIAN, CN
[72] YU, KUN, CN
[72] WEI, JUAN, CN
[72] LIU, CHUNXIA, CN
[72] ZHOU, HONGJU, CN
[72] KELLIHER, TIMOTHY JOSEPH, US
[71] SYNGENTA CROP PROTECTION AG, CH
[85] 2021-03-08
[86] 2019-10-10 (PCT/CN2019/110404)
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[54] **RNAI INDUCED C9ORF72 SUPPRESSION FOR THE TREATMENT OF ALS/FTD**
[54] **SUPPRESSION DE C9ORF72 INDUITE PAR ARNI POUR LE TRAITEMENT DE LA SLA/DFT**
[72] MARTIER, RAYGENE MICHAEL, NL
[72] KONSTANTINOVA, PAVLINA STEFANOVA, NL
[71] UNIQURE IP B.V., NL
[85] 2021-03-09
[86] 2019-09-11 (PCT/EP2019/074198)
[87] (WO2020/053258)
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[51] **Int.Cl. F42C 11/06 (2006.01) F41A 21/16 (2006.01) F42B 12/50 (2006.01) F42B 12/76 (2006.01)**
[25] EN
[54] **NON-LETHAL PROJECTILE CONSTRUCTION AND LAUNCHER**
[54] **STRUCTURE ET LANCEUR DE PROJECTILE NON LETAL**
[72] PEDICINI, CHRISTOPHER, US
[72] PEDICINI, JOSHUA, US
[71] NL ENTERPRISES, LLC, US
[85] 2021-03-05
[86] 2019-09-06 (PCT/US2019/050107)
[87] (WO2020/139426)
[30] US (62/728,374) 2018-09-07
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[51] **Int.Cl. G01N 33/68 (2006.01) A61K 31/00 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **GLX-DERIVED MOLECULE DETECTION**
[54] **DETECTION DE MOLECULE DERIVEE DE GLX**
[72] DELLA VALLE, BRIAN WILLIAM, DK
[72] HEMPEL, CASPER, DK
[71] GLX ANALYTIX APS, DK
[85] 2021-03-08
[86] 2019-09-12 (PCT/EP2019/074411)
[87] (WO2020/053355)
[30] EP (18194086.7) 2018-09-12

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[51] **Int.Cl. C12N 15/11 (2006.01) C07K 19/00 (2006.01) C12N 9/22 (2006.01) C12N 15/10 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DELIVERING A NUCLEOBASE EDITING SYSTEM**
[54] **COMPOSITIONS ET PROCEDES D'ADMINISTRATION D'UN SYSTEME D'EDITION DE NUCLEOBASE**
[72] BRYSON, DAVID, US
[71] BEAM THERAPEUTICS INC., US
[85] 2021-03-05
[86] 2019-09-07 (PCT/US2019/050111)
[87] (WO2020/051561)
[30] US (62/728,703) 2018-09-07
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[13] A1
[51] **Int.Cl. A23D 7/00 (2006.01) C11C 3/10 (2006.01)**
[25] EN
[54] **FAT SPREAD PRODUCT, PROCESS FOR PREPARING THE SAME, AND ITS USE AS TABLE SPREAD OR IN BAKERY**
[54] **PRODUIT A TARTINER GRAS, SON PROCEDE DE PREPARATION ET SON UTILISATION EN TANT QUE PRODUIT A TARTINER DE TABLE OU EN BOULANGERIE**
[72] PIISPA, EIJA, FI
[72] HORNYAK, LASZLO, HU
[72] KOZAKIEWICZ, ELZBIETA, BE
[71] BUNGE NOVENYOLAJIPARI ZARTKORUEN MUKODO RESZVENYTARSASAG, HU
[85] 2021-03-08
[86] 2019-09-13 (PCT/EP2019/074466)
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[30] EP (18194402.6) 2018-09-14

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[13] A1
[51] **Int.Cl. B01D 15/08 (2006.01) C02F 1/28 (2006.01) C07C 17/38 (2006.01)**
[25] EN
[54] **BIOREMEDIATION OF PETROCHEMICAL-CONTAINING SUBSTRATES USING FUNGI**
[54] **BIOREMEDIATION DE SUBSTRATS CONTENANT DES AGENTS PETROCHIMIQUES A L'AIDE DE CHAMPIGNONS**
[72] RODRIGUEZ, JOANNE L., US
[72] MCCOY, PETER, US
[71] MYCOCYCLE, LLC, US
[85] 2021-03-05
[86] 2019-09-09 (PCT/US2019/050128)
[87] (WO2020/055706)
[30] US (62/655,276) 2018-09-11

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[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **FUSED-REFERENCE PARTICLE BASED NORMALISATION FOR IMAGING MASS SPECTROMETRY**
[54] **NORMALISATION BASEE SUR DES PARTICULES DE REFERENCE FUSIONNEES POUR SPECTROMETRIE DE MASSE D'IMAGERIE**
[72] CLOSSON, TAUNIA, CA
[72] BARANOV, VLADIMIR, CA
[72] WINNIK, MITCHELL A., CA
[71] FLUIDIGM CANADA INC., CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2021-03-05
[86] 2019-09-09 (PCT/US2019/050203)
[87] (WO2020/055743)
[30] US (62/729,219) 2018-09-10

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[13] A1
[51] **Int.Cl. A61K 31/201 (2006.01) A23K 20/10 (2016.01) A23K 20/158 (2016.01) A23K 20/20 (2016.01) A23K 50/40 (2016.01) A61K 8/27 (2006.01) A61K 8/36 (2006.01) A61K 8/92 (2006.01) A61K 33/30 (2006.01) A61K 36/185 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING LINOLEIC ACID**
[54] **COMPOSITIONS CONTENANT DE L'ACIDE LINOLEIQUE**
[72] WATSON, ADRIAN, FR
[72] ALLAWAY, DAVID, GB
[72] THOMAS, GAELLE, GB
[71] MARS, INCORPORATED, US
[85] 2021-03-05
[86] 2019-09-10 (PCT/US2019/050398)
[87] (WO2020/055856)
[30] EP (18306184.5) 2018-09-10

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[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **DEVICE FOR SUTURE ATTACHMENT FOR MINIMALLY INVASIVE HEART VALVE REPAIR**
[54] **DISPOSITIF DE FIXATION DE SUTURE POUR REPARATION DE VALVULE CARDIAQUE MINIMALEMENT INVASIVE**
[72] CAFFES, LEVI, US
[72] HELGERSON, JOEL, US
[72] SCHIFLE, ANDREW, US
[72] EDMISTON, DARYL, US
[72] GARVIN, GRAHAM, US
[71] NEOCHORD, INC., US
[85] 2021-03-05
[86] 2019-09-09 (PCT/US2019/050210)
[87] (WO2020/051583)
[30] US (62/728,349) 2018-09-07

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[51] **Int.Cl. B01D 35/02 (2006.01) E21B 41/00 (2006.01) G06K 9/00 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **OIL MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'HUILES**
[72] KLEINEKE, RONALD, US
[72] RAUCH, MARK S., US
[71] ENVIROEYE LLC, US
[85] 2021-03-05
[86] 2019-09-10 (PCT/US2019/050422)
[87] (WO2020/055876)
[30] US (62/729,002) 2018-09-10

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[13] A1
[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/32 (2006.01) F02N 11/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR HYBRID-DIESEL ENGINE BLOCK HEATER**
[54] **APPAREIL POUR RECHAUFFEUR DE BLOC-MOTEUR HYBRIDE-DIESEL**
[72] ZWAYER, JAKE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2021-03-05
[86] 2019-09-12 (PCT/US2019/050725)
[87] (WO2020/068434)
[30] US (62/738,166) 2018-09-28
[30] US (16/567,090) 2019-09-11

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[51] **Int.Cl. A61K 35/12 (2015.01) C12N 5/071 (2010.01) A61K 35/28 (2015.01) A61P 7/00 (2006.01) A61P 35/00 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **ORGANOID COMPOSITIONS FOR THE PRODUCTION OF HEMATOPOIETIC STEM CELLS AND DERIVATIVES THEREOF**
[54] **COMPOSITIONS D'ORGANOIDES POUR LA PRODUCTION DE CELLULES SOUCHES HEMATOPOIETIQUES ET LEURS DERIVES**
[72] TAKEBE, TAKANORI, US
[72] WELLS, JAMES M., US
[72] LEWIS, KYLE, US
[72] MUNERA, JORGE ORLANDO, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2021-03-05
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[30] US (62/730,061) 2018-09-12

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[54] **INSPECTION D'IMPLANT MEDICAL A L'AIDE D'UNE IMAGERIE**
[72] VAN DER WEIJ, HENDRIK PETRUS, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **FLIP TOP CLOSURE AND CONTAINER**
[54] **FERMETURE A RABAT ET RECIPIENT**
[72] LALIER, GREGORY, US
[71] UNILEVER GLOBAL IP LIMITED, GB
[85] 2021-03-08
[86] 2019-09-09 (PCT/EP2019/074004)
[87] (WO2020/058023)
[30] EP (18194762.3) 2018-09-17

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[51] **Int.Cl. A61F 5/00 (2006.01) A61H 3/00 (2006.01)**
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[54] **CUEING DEVICE AND METHOD FOR TREATING WALKING DISORDERS**
[54] **DISPOSITIF D'AIDE A LA MARCHE ET PROCEDE DE TRAITEMENT DE TROUBLES DE LA MARCHE**
[72] COLLIN, SIDNEY, US
[72] SCHWARTZ, ADAM, US
[72] THOMPSON, WILLIAM, US
[71] DE ORO DEVICES, INC., US
[85] 2021-03-05
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[25] EN
[54] **ABUSE DETERRENT IMMEDIATE RELEASE CAPSULE DOSAGE FORMS**
[54] **FORMES POSOLOGIQUES DE CAPSULES A LIBERATION IMMEDIATE ANTI-ABUS**
[72] LAI, TSZ CHUNG, US
[72] WALKER, REBECCA SUE, US
[72] PATEL, CHIRAG, US
[72] PARK, JAEHAN, US
[71] SPECGX LLC, US
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[54] **OPHTHALMIC COMPOSITION FOR TREATMENT OF DRY EYE DISEASE**
[54] **COMPOSITION OPHTALMIQUE POUR LE TRAITEMENT D'UNE MALADIE OCULAIRE SECHE**
[72] LEO, CHIARA SILVANA, DE
[72] KROSSER, SONJA, DE
[72] SCHLUTER, THOMAS, DE
[72] MEIDES, ALICE, DE
[71] NOVALIQ GMBH, DE
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[25] EN
[54] **USE OF A CATHEPSIN S INHIBITOR AGAINST THE FORMATION OF ANTI-DRUG ANTIBODIES**
[54] **UTILISATION D'UN INHIBITEUR DE LA CATHEPSINE S CONTRE LA FORMATION D'ANTICORPS ANTI-MEDICAMENT**
[72] KLEIN, CHRISTIAN, CH
[72] KOLB, FABRICE ALAIN ANDRE, CH
[72] MANCHESTER YOUNG, MARIANNE, CH
[72] AHMED, SYED SOHAIL, CH
[72] MATTOS DE ALMEIDA BESSA, JULIANA, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMIC POWER ROUTING WITH BEHIND-THE-METER ENERGY STORAGE**
[54] **SYSTEMES ET PROCEDES POUR L'ACHEMINEMENT DYNAMIQUE DE PUISSANCE DE STOCKAGE D'ENERGIE A L'ARRIERE DU COMPTEUR**
[72] MCNAMARA, MICHAEL T., US
[72] HENSON, DAVID J., US
[72] CLINE JR., RAYMOND E., US
[71] LANCIUM LLC, US
[85] 2021-03-05
[86] 2019-09-13 (PCT/US2019/051080)
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[54] **DISC FOR USE IN DISC SCREEN**
[54] **DISQUE DESTINE A ETRE UTILISE DANS UN ECRAN A DISQUE**
[72] DAVIS, NICHOLAS, US
[71] CP MANUFACTURING, INC., US
[85] 2021-03-04
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[54] **COMPUTER IMPLEMENTED METHOD OF PLANNING A RESTORATIVE DENTAL TREATMENT**
[54] **PROCEDE MIS EN OEUVRE PAR ORDINATEUR DE PLANIFICATION D'UN TRAITEMENT DENTAIRE RESTAURATEUR**
[72] SCHNEIDER, SASCHA, DE
[72] DERZAPF, EVGENIJ, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
[71] DENTSPLY SIRONA INC., US
[85] 2021-03-08
[86] 2019-10-11 (PCT/EP2019/077614)
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[54] **MODULATORS OF PNPLA3 EXPRESSION**
[54] **MODULATEURS DE L'EXPRESSION DE PNPLA3**
[72] FREIER, SUSAN M., US
[72] BUI, HUYNH-HOA, US
[71] IONIS PHARMACEUTICALS, INC., US
[85] 2021-03-05
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[25] EN
[54] **PROVIDING COMPUTATIONAL RESOURCE AVAILABILITY BASED ON POWER-GENERATION ECONOMICS**
[54] **FOURNITURE DE DISPONIBILITE DE RESSOURCES INFORMATIQUES SUR LA BASE D'UNE ECONOMIE DE GENERATION DE PUISSANCE**
[72] MCNAMARA, MICHAEL T., US
[72] HENSON, DAVID J., US
[72] CLINE, RAYMOND E., JR., US
[71] LANCIUM LLC, US
[85] 2021-03-05
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[25] EN
[54] **SOLID OR SEMISOLID LIPID BASED DOSAGE FORM STABILIZATION THROUGH CURING AND ADDITION OF LOW HLB SURFACTANT(S)**
[54] **STABILISATION DE FORME POSOLOGIQUE A BASE DE LIPIDE SOLIDE OU SEMI-SOLIDE PAR DURCISSEMENT ET AJOUT DE TENSIOACTIF(S) A FAIBLE HLB**
[72] LAZARO, MONICA, US
[72] MCGUFFY, IRENA, US
[72] BUSH, DEREK, US
[72] FONKWE, LINUS GOMSI, US
[71] R.P. SCHERER TECHNOLOGIES, LLC, US
[85] 2021-03-05
[86] 2019-09-09 (PCT/US2019/050213)
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[51] **Int.Cl. C23C 2/20 (2006.01) C23C 2/00 (2006.01) C23C 2/24 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A COATING WEIGHT UNIFORMITY IN INDUSTRIAL GALVANIZING LINES**
[54] **PROCEDE DE CONTROLE DE L'UNIFORMITE DU POIDS D'UN REVETEMENT DANS DES LIGNES DE GALVANISATION INDUSTRIELLES**
[72] DUBOIS, MICHEL, BE
[72] CALLEGARI, GIUSEPPE, BE
[71] COCKERILL MAINTENANCE & INGENIERIE S.A., BE
[85] 2021-03-08
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[51] **Int.Cl. A61K 39/12 (2006.01) C07K 14/135 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MAKING AND USING VIRUS-LIKE PARTICLES (VLPS)**
[54] **COMPOSITIONS ET PROCEDES DE FABRICATION ET D'UTILISATION DE PARTICULES DE TYPE VIRAL (VLP)**
[72] MORRISON, TRUDY GILKERSON, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2021-03-05
[86] 2019-09-19 (PCT/US2019/051864)
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[51] **Int.Cl. A61K 35/74 (2015.01) A61K 8/99 (2017.01) A61K 9/06 (2006.01) A61P 17/10 (2006.01)**
[25] EN
[54] **BACTERIOTHERAPY AGAINST PROPRIONIBACTERIUM ACNES FOR THE TREATMENT OF ACNE**
[54] **BACTERIOTHERAPIE CONTRE PROPRIONIBACTERIUM ACNES POUR LE TRAITEMENT DE L'ACNE**
[72] GALLO, RICHARD L., US
[72] NAKATSUJI, TERUAKI, US
[72] O'NEILL, ALAN O., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2021-03-05
[86] 2019-09-13 (PCT/US2019/051156)
[87] (WO2020/056359)
[30] US (62/730,999) 2018-09-13

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[51] **Int.Cl. A01N 43/90 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING PESTS BY SEED TREATMENT APPLICATION OF A MESOIONIC COMPOUND OR MIXTURE THEREOF**
[54] **PROCEDE DE REGULATION DES NUISIBLES PAR APPLICATION DE TRAITEMENT DE SEMENCES D'UN COMPOSE MESOIONIQUE OU D'UN MELANGE DE CEUX-CI**
[72] HUANG, HUAZHANG, US
[72] MENON, ANIL, US
[71] BASF SE, DE
[85] 2021-03-08
[86] 2019-09-19 (PCT/EP2019/075129)
[87] (WO2020/064492)
[30] EP (18197450.2) 2018-09-28

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[51] **Int.Cl. A61K 31/18 (2006.01) A61K 31/44 (2006.01) A61K 31/4523 (2006.01)**
[25] EN
[54] **COMBINATION THERAPIES**
[54] **POLYTHERAPIES**
[72] ENGSTROM, LARS DANIEL, US
[72] ARANDA, RUTH WEI, US
[72] OLSON, PETER, US
[72] CHRISTENSEN, JAMES GAIL, US
[72] HALLIN, JILL, US
[71] MIRATI THERAPEUTICS, INC., US
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[51] **Int.Cl. C12Q 1/6886 (2018.01)**
[25] EN
[54] **USE OF LONG NON-CODING RNA FOR THE DIAGNOSIS OF PROSTATE CANCER**
[54] **UTILISATION DE LONG ARN NON CODANT POUR LE DIAGNOSTIC DU CANCER DE LA PROSTATE**
[72] MORILLON, ANTONIN, FR
[72] GAUTHERET, DANIEL, FR
[72] PINSKAYA, MARINA, FR
[71] INSTITUT CURIE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE PARIS-SACLAY, FR
[71] SORBONNE UNIVERSITE, FR
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[30] EP (18306391.6) 2018-10-25

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[51] **Int.Cl. A01N 43/90 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING PESTS OF RAPESEED PLANTS**
[54] **PROCEDE DE LUTTE CONTRE LES ORGANISMES NUISIBLES DU COLZA**
[72] HUANG, HUAZHANG, US
[72] MENON, ANIL C, US
[71] BASF SE, DE
[85] 2021-03-08
[86] 2019-09-19 (PCT/EP2019/075185)
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[30] EP (18197449.4) 2018-09-28

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[51] **Int.Cl. H03F 3/217 (2006.01) H02J 7/02 (2016.01) H03F 3/191 (2006.01) H03F 3/30 (2006.01)**
[25] EN
[54] **PARALLEL TUNED AMPLIFIERS**
[54] **AMPLIFICATEURS ACCORDES EN PARALLELE**
[72] YANKOWITZ, JOSHUA AARON, US
[71] YANK TECHNOLOGIES, INC., US
[85] 2021-03-05
[86] 2019-09-26 (PCT/US2019/053266)
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[51] **Int.Cl. C22C 21/10 (2006.01) C22F 1/053 (2006.01)**
[25] EN
[54] **7XXX-SERIES ALUMINIUM ALLOY PRODUCT**
[54] **PRODUIT EN ALLIAGE D'ALUMINIUM SERIE 7XXX**
[72] BURGER, ACHIM, DE
[72] MEYER, PHILIPPE, DE
[72] KHOSLA, SUNIL, DE
[72] SPANGEL, SABINE MARIA, DE
[72] KRECHEL, CHRISTIAN GERHARD, DE
[71] ALERIS ROLLED PRODUCTS GERMANY GMBH, DE
[85] 2021-03-08
[86] 2019-11-05 (PCT/EP2019/080190)
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[51] **Int.Cl. H05B 3/84 (2006.01)**
[25] FR
[54] **ANTI-FROST GLAZING HAVING HEATING POWER DIFFERENTIATED OVER THE ENTIRE SURFACE THEREOF**
[54] **VITRAGE ANTIGIVRE AYANT UNE PUISSANCE DE CHAUFFAGE DIFFERENCIEE SUR L'ENSEMBLE DE SA SURFACE**
[72] TONDU, THOMAS, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2021-03-08
[86] 2019-09-23 (PCT/FR2019/052218)
[87] (WO2020/065187)
[30] FR (1858979) 2018-09-28

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[51] **Int.Cl. B23K 37/04 (2006.01) B23K 9/04 (2006.01) B23K 37/00 (2006.01)**
[25] EN
[54] **FUSED OVERLAY PLATE AND METHOD**
[54] **PLAQUE A REVETEMENT FONDU ET PROCEDE**
[72] KOSTECKI, ANDREW, US
[71] KOSTECKI, ANDREW, US
[85] 2021-03-05
[86] 2019-09-17 (PCT/US2019/051400)
[87] (WO2020/060969)
[30] US (62/732,041) 2018-09-17
[30] US (16/359,588) 2019-03-20
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[51] **Int.Cl. C04B 24/16 (2006.01) C04B 24/24 (2006.01) C04B 24/26 (2006.01) C04B 28/02 (2006.01)**
[25] EN
[54] **COMB POLYMERS AS BLOCKING ADDITIVES FOR SWELLING CLAYS**
[54] **POLYMERES EN PEIGNE UTILISES COMME ADDITIFS DE BLOCAGE POUR ARGILES GONFLANTES**
[72] VELTEN, ULF, CH
[72] WEIDMANN, JURG, CH
[72] FRUNZ, LUKAS, CH
[72] JUILLAND, PATRICK, CH
[71] SIKA TECHNOLOGY AG, CH
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[86] 2019-10-01 (PCT/EP2019/076515)
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[30] EP (18198883.3) 2018-10-05

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[51] **Int.Cl. C08G 18/62 (2006.01) C08G 18/10 (2006.01) C08G 18/76 (2006.01) C08L 31/04 (2006.01) C08L 75/00 (2006.01)**
[25] EN
[54] **USE OF POLYVINYLACETATE POLYMERS OR COPOLYMERS TO INCREASE THE VISCOSITY OF THE ISOCYANATE COMPONENT OF A TWO-COMPONENT CURABLE POLYMERIC SYSTEM**
[54] **UTILISATION DE POLYMERES OU DE COPOLYMERES D'ACETATE DE POLYVINYLE POUR AUGMENTER LA VISCOSITE DU COMPOSANT ISOCYANATE D'UN SYSTEME POLYMERE DURCISSABLE A DEUX COMPOSANTS**
[72] CHENG, CHIH-MIN, US
[72] BRYAN, ZACHARY, US
[72] MURRAY, JAMES, US
[72] JIN, SHUHUA, US
[72] KANG, LI, US
[71] HENKEL IP & HOLDING GMBH, DE
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[86] 2019-09-28 (PCT/US2019/053701)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODIES TARGETING CD137 AND METHODS OF USE THEREOF**
[54] **ANTICORPS CIBLANT LE CD137 ET LEURS METHODES D'UTILISATION**
[72] GUNDE, TEA, CH
[72] BROCK, MATTHIAS, CH
[72] HESS, CHRISTIAN, CH
[72] SIMONIN, ALEXANDRE, FR
[72] WARMUTH, STEFAN, CH
[71] NUMAB THERAPEUTICS AG, CH
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[30] EP (18199334.6) 2018-10-09
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[51] **Int.Cl. A61K 51/08 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/10 (2017.01) A61K 47/14 (2017.01) A61K 47/26 (2006.01) A61K 47/32 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING A RADIOLABELED GPRP ANTAGONIST AND A SURFACTANT**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN ANTAGONISTE DE GPRP RADIOMARQUE ET UN TENSIOACTIF**
[72] ORLANDI, FRANCESCA, IT
[72] FUGAZZA, LORENZA, IT
[72] BARBATO, DONATO, IT
[72] TEDESCO, MATTIA, IT
[72] SACCHETTI, LORENZO, IT
[71] ADVANCED ACCELERATOR APPLICATIONS INTERNATIONAL SA, CH
[85] 2021-03-08
[86] 2019-10-11 (PCT/EP2019/077569)
[87] (WO2020/074691)
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[13] A1
[51] **Int.Cl. B01D 61/02 (2006.01) C09J 175/04 (2006.01)**
[25] EN
[54] **HYDROGENATED NATURAL OILS TO THICKEN THE POLYOL COMPONENT OF A TWO-COMPONENT POLYURETHANE ADHESIVE FOR BONDING MEMBRANES**
[54] **HUILES NATURELLES HYDROGENEES POUR EPAISSIR LE COMPOSANT POLYOL D'UN ADHESIF POLYURETHANE A DEUX CONSTITUANTS POUR COLLER DES MEMBRANES**
[72] JIN, SHUHUA, US
[72] BRYAN, ZACHARY, US
[72] CHENG, CHIH-MIN, US
[72] KANG, LI, US
[72] FABAS, AARON, US
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2021-03-05
[86] 2019-09-28 (PCT/US2019/053704)
[87] (WO2020/069477)
[30] US (62/738,088) 2018-09-28

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[51] **Int.Cl. G06K 9/62 (2006.01) G06N 3/04 (2006.01)**
[25] EN
[54] **PARALLEL NEURAL PROCESSOR FOR ARTIFICIAL INTELLIGENCE**
[54] **PROCESSEUR NEURONAL PARALLELE POUR INTELLIGENCE ARTIFICIELLE**
[72] SETH, ROHIT, CA
[71] SETH, ROHIT, CA
[85] 2021-03-08
[86] 2018-09-07 (PCT/IB2018/000994)
[87] (WO2019/048922)
[30] US (62/556,312) 2017-09-08
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[51] **Int.Cl. A23G 9/40 (2006.01) A23G 9/42 (2006.01) A23G 9/48 (2006.01)**
[25] EN
[54] **UNCOATED DAIRY PRODUCT**
[54] **PRODUIT LAITIER NON ENROBES**
[72] SCHOPF, ANDREAS, FR
[71] GENERAL MILLS, INC., US
[85] 2021-03-08
[86] 2018-10-01 (PCT/IB2018/001326)
[87] (WO2020/070536)

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[13] A1
[51] **Int.Cl. G06F 40/30 (2020.01)**
[25] EN
[54] **SEMANTIC-AWARE FEATURE ENGINEERING**
[54] **INGENIERIE DE CARACTERISTIQUE SENSIBLE A LA SEMANTIQUE**
[72] MARQUES, PAULO CESAR GONCALVES, PT
[72] ARAUJO, MIGUEL DE RAMOS, PT
[72] LARANA, BRUNO CASAL, PT
[72] DIEGUES, NUNO MIGUEL LOURENCO, PT
[72] SILVA, PEDRO CARDOSO LESSA E, PT
[72] BIZARRO, PEDRO GUSTAVO SANTOS RODRIGUES, PT
[71] FEEDZAI - CONSULTADORIA E INOVACAO TECNOLOGICA, S.A., PT
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[86] 2019-09-12 (PCT/IB2019/000999)
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[30] US (62/730,985) 2018-09-13
[30] US (16/567,761) 2019-09-11

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[54] **SYSTEME ET PROCEDE D'IMAGERIE NUMERIQUE**
[72] JENOSKI, RAYMOND, US
[72] MAYER, SID, US
[72] JENNINGS, ROBERT, US
[72] OLIVA, RYAN P., US
[72] MCCROREY, JOHN A., US
[72] QUICK, MICHAEL D., US
[72] HARRINGTON, SARAH MARGARET, US
[71] HOLOGIC, INC., US
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[25] EN
[54] **ROMATIC COMPOUNDS AND PHARMACEUTICAL USES THEREOF**
[54] **COMPOSES AROMATIQUES ET LEURS UTILISATIONS PHARMACEUTIQUES**
[72] SKJAERET, TORE, NO
[72] FRASER, DAVID ALAN, NO
[72] STEINEGER, HILDE HERMANSEN, NO
[71] BASF AS, NO
[85] 2021-03-08
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[54] **TWIST AND FLIP LOCK CLOSURE**
[54] **FERMETURE DE CAPUCHON PAR TORSION ET RETOURNEMENT**
[72] MIGAS, JEREMIAH, US
[72] MORIN, JEREMY, US
[72] MURALI, ARAVIND, US
[71] CLOSURE SYSTEMS INTERNATIONAL INC., US
[85] 2021-03-05
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[54] **METHODS AND DEVICES FOR REMOVING IMPURITIES FROM ELECTROLYTES**
[54] **PROCEDES ET DISPOSITIFS POUR ELIMINER DES IMPURETES D'ELECTROLYTES**
[72] NORMAN, ZACHARIAH M., US
[72] PAPANDREW, ALEXANDER B., US
[72] REECE, STEVEN Y., US
[72] KLET, RACHEL CHRISTINE, US
[72] MILLARD, MATTHEW, US
[71] LOCKHEED MARTIN ENERGY, LLC, US
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[54] **METHODS AND APPARATUS FOR AQUATIC ECTOPARASITE REDUCTION**
[54] **PROCEDES ET APPAREIL DE REDUCTION DES ECTOPARASITES AQUATIQUES**
[72] JAMIESON, IAN ANDREW, GB
[71] PULCEA LTD, GB
[85] 2021-03-04
[86] 2019-09-11 (PCT/EP2019/074283)
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[54] **CONDUCTIVE INK COMPOSITION**
[54] **COMPOSITION D'ENCRE CONDUCTRICE**
[72] CHEN, YU, US
[72] ZHANG, WENHUA, US
[72] GUSTAFSON, DAREL, US
[72] CROSS, ROBERT P., US
[71] HENKEL IP & HOLDING GMBH, DE
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[54] **REGENARATIVE PUMP OR TURBINE WITH STATIONARY AXLE AND ROTATING HOUSING**
[54] **POMPE REGENERATRICE OU TURBINE DOTEE D'UN AXE FIXE ET D'UN LOGEMENT ROTATIF**
[72] KOTRIKLAS, EVANGELOS, GR
[71] KOTRIKLAS, EVANGELOS, GR
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[54] **SYSTEM AND METHOD FOR EXTRACTING A PROTEIN FOOD PRODUCT**
[54] **SYSTEME ET PROCEDE D'EXTRACTION D'UN PRODUIT ALIMENTAIRE PROTEINE**
[72] MCFARLANE, PHILLIP, AU
[72] MCKEEGAN, BRENDAN, AU
[72] LINGHAM, CHRISTA, AU
[72] LINGHAM, ROD, AU
[71] AUSTRALIAN PLANT PROTEINS PTY LTD, AU
[85] 2021-03-08
[86] 2019-09-11 (PCT/AU2019/000107)
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[54] **COMBINATION THERAPIES**
[54] **POLYTHERAPIES**
[72] CHRISTENSEN, JAMES GAIL, US
[72] ENGSTROM, LARS DANIEL, US
[72] OLSON, PETER, US
[72] ARANDA, RUTH WEI, US
[71] MIRATI THERAPEUTICS, INC., US
[85] 2021-03-05
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[51] **Int.Cl. A43B 13/36 (2006.01)**
[25] EN
[54] **SHOE CONSTRUCTION UNIT TO RECEIVE A DECORATIVE COMPONENT, AND SHOE INCORPORATING SAME**
[54] **UNITE DE CONSTRUCTION DE CHAUSSURE DESTINEE A RECEVOIR UN COMPOSANT DECORATIF, ET CHAUSSURE L'INCORPORANT**
[72] LUNA, SERGIO, US
[71] LUNA, SERGIO, US
[85] 2021-03-05
[86] 2020-04-17 (PCT/US2020/028739)
[87] (WO2020/219356)
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[25] EN
[54] **PROCESS FOR GASIFYING CARBONACEOUS RAW MATERIAL OF LOW VALUE AS A FUEL USING NANOCATALYST**
[54] **PROCEDE DE GAZEIFICATION DE MATIERE PREMIERE CARBONEE DE FAIBLE VALEUR, TELLE QU'UN COMBUSTIBLE, AU MOYEN D'UN NANO-CATALYSEUR**
[72] FERRAZ DE SOUZA, WLADMIR, BR
[72] PASSOS DE SOUZA, VIVIAN, BR
[72] ANDRADE RODRIGUES, MAIRA, BR
[72] DE ALMEIDA DUMANI DOS SANTOS, AMANDA, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
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[25] EN
[54] **METHODS OF TREATING AMYOTROPHIC LATERAL SCLEROSIS**
[54] **METHODES DE TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE**
[72] ELINAV, ERAN, IL
[72] SEGAL, ERAN, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2021-03-07
[86] 2019-09-19 (PCT/IL2019/051041)
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[25] EN
[54] **FOLDING WING FOR A CONVEYOR**
[54] **AILE PLIABLE POUR TRANSPORTEUR**
[72] BELLAR, JASON, US
[72] PROPES, WILLIAM MARK, US
[71] WALMART APOLLO, LLC, US
[85] 2021-03-07
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[54] **WALL ELEMENT**
[54] **ELEMENT MURAL**
[72] WAKONIG, MARTIN, AT
[71] WAKONIG, MARTIN, AT
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[25] FR
[54] **USE OF A SYNERGISTIC MIXTURE OF EXTRACTANTS FOR EXTRACTING RARE EARTH ELEMENTS FROM AN AQUEOUS MEDIUM COMPRISING PHOSPHORIC ACID**
[54] **UTILISATION D'UN MELANGE SYNERGIQUE D'EXTRACTANTS POUR EXTRAIRE DES TERRES RARES D'UN MILIEU AQUEUX COMPRENANT DE L'ACIDE PHOSPHORIQUE**
[72] ANDREIADIS, EUGEN, FR
[72] DUCHESNE, MARIE-THERESE, FR
[72] OUAATTOU, ABLA, MA
[72] DHIBA, DRISS, MA
[72] MAZOUZ, HAMID, MA
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] OCP S.A, MA
[85] 2021-03-08
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[54] **AUTOMATIC FIREARM HAVING AN INERTIAL AUTOMATIC SYSTEM**
[54] **ARME A FEU AUTOMATIQUE AVEC MECANISME INERTIEL**
[72] POKALYAEV, VASILIJ MIHAJLOVICH, RU
[72] POKALYAEV, SERGEI, RU
[71] POKALYAEV, VASILIJ MIHAJLOVICH, RU
[71] POKALYAEV, SERGEI, RU
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[25] EN
[54] **2-POSITION MODIFICATION FOR SYNTHESIS OF RESORCINOL SCAFFOLDING**
[54] **MODIFICATION EN POSITION 2 POUR SYNTHESE D'ECHAFAUDAGE DE RESORCINOL**
[72] DAVIS, ROBERT, US
[72] BLACK, JACOB, US
[72] SMELTZER, THOMAS, US
[72] COLVIN, SEAN, US
[71] THREEHOUSE BIOTECH, INC., US
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[86] 2019-09-06 (PCT/US2019/050094)
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[30] US (62/727,951) 2018-09-06

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[54] **A MINING VEHICLE AND A METHOD FOR REPLACING A BATTERY**
[54] **VEHICULE MINIER ET PROCEDE DE REMPLACEMENT D'UNE BATTERIE**
[72] PERSSON, JOHAN, SE
[72] OSTERLUND, ROLF, SE
[71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
[85] 2021-03-08
[86] 2019-10-29 (PCT/SE2019/051076)
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[30] SE (1851351-5) 2018-10-30

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[54] **SAFETY BARRIER HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR A BARRIERE DE SECURITE**
[72] BARBER, NICHOLAS, CA
[71] BARBER, NICHOLAS, CA
[85] 2021-03-08
[86] 2019-09-06 (PCT/CA2019/000127)
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[25] EN
[54] **WEED SEED DESTRUCTION**
[54] **DESTRUCTION DE GRAINES DE MAUVAISES HERBES**
[72] MAYERLE, DEAN, CA
[72] GREENWALD, BRAYDON, CA
[71] MAYERLE, DEAN, CA
[85] 2021-03-08
[86] 2019-09-18 (PCT/CA2019/051320)
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[54] **REGION PROPOSAL WITH TRACKER FEEDBACK**
[54] **PROPOSITION DE ZONE AVEC RETROACTION DE SUIVI**
[72] LIPCHIN, ALEKSEY, CA
[72] WANG, YIN, CA
[72] XIAO, XIAO, CA
[72] ZHANG, HAO, CA
[72] LEE, CHIA YING, CA
[71] AVIGILON CORPORATION, CA
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[86] 2019-09-18 (PCT/CA2019/051325)
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[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/85 (2006.01)**
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[54] **SYSTEM AND METHOD FOR AUTOMATICALLY CONTROLLING WORK MACHINE INCLUDING WORK IMPLEMENT**
[54] **SYSTEME ET PROCEDE DE COMMANDE AUTOMATIQUE DE MACHINE DE TERRASSEMENT COMPRENANT UNE UNITE DE TERRASSEMENT**
[72] TAKAOKA, YUKIHISA, JP
[71] KOMATSU LTD., JP
[85] 2021-03-08
[86] 2019-09-17 (PCT/JP2019/036389)
[87] (WO2020/105262)
[30] JP (2018-216704) 2018-11-19

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[25] EN
[54] **METHOD FOR THERMAL MOLDING OF FILAMENT PRODUCT**
[54] **PROCEDE DE MOULAGE THERMIQUE D'UN PRODUIT FIBREUX**
[72] IKEDA, KOHEI, JP
[72] HONDA, MARIKO, JP
[72] MIZUNO, YUTA, JP
[72] IKEGAMI, SHOHEI, JP
[71] UNITIKA LTD., JP
[85] 2021-03-08
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[54] **METHOD FOR PREPARING APIXABAN**
[54] **PROCEDE DE PREPARATION D'APIXABAN**
[72] BAEK, KI SEON, KR
[72] YU, JI HYE, KR
[72] KANG, SUNG GU, KR
[72] JO, YEONG WOO, KR
[71] HANA PHARM. CO. LTD., KR
[85] 2021-03-08
[86] 2019-07-18 (PCT/KR2019/008892)
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[25] FR
[54] **ELECTRODE MATERIALS COMPRISING A LAMELLAR OXIDE OF SODIUM AND OF METAL, ELECTRODES COMPRISING SAME AND USE OF SAME IN ELECTROCHEMISTRY**
[54] **MATERIAUX D'ELECTRODE COMPRENANT UN OXYDE LAMELLAIRE DE SODIUM ET DE METAL, ELECTRODES LES COMPRENANT ET LEUR UTILISATION EN ELECTROCHIMIE**
[72] GUERFI, ABDELBAST, CA
[72] LAJOIE, GILLES, CA
[72] VIGEANT, MARIE-JOSEE, CA
[72] WANG, YUESHENG, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
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[54] **VIRUS-BASED REPLICON FOR PLANT GENOME EDITING WITHOUT INSERTING REPLICON INTO PLANT GENOME AND USE THEREOF**
[54] **REPLICON A BASE DE VIRUS POUR L'EDITION DE GENOME SANS INSERTION DE REPLICON DANS LE GENOME D'UNE PLANTE, ET SON UTILISATION**
[72] KIM, JAE YEAN, KR
[72] VU, TIEN VAN, KR
[72] KIM, JIHAE, KR
[72] JEONG, SE JEONG, KR
[72] KIM, HYUN JEONG, KR
[72] PARK, SEO-JIN, KR
[72] TRAN, MIL THI, KR
[72] SIVANKALYANI, VELU, KR
[72] SUNG, YEON WOO, KR
[72] DOAN, THI HAI DUONG, KR
[72] PRAMANIK, DIBYAJYOTI, KR
[72] SHELAKE, MAHADEV RAHUL, KR
[72] SON, GEON HUI, KR
[71] INDUSTRY-ACADEMIC COOPERATION FOUNDATION GYEONGSANG NATIONAL UNIVERSITY, KR
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[54] **MATERIAU COMPOSITE**
[72] COHADES, AMAEL, CH
[72] MICHAUD, VERONIQUE, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
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[30] DE (10 2018 121 811.7) 2018-09-06

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[25] EN
[54] **CARBAMATE COMPOUND AND USE OF FORMULATION COMPRISING SAME IN PREVENTING, ALLEVIATING, OR TREATING ACUTE STRESS DISORDER OR POST-TRAUMATIC STRESS DISORDER**
[54] **COMPOSE CARBAMATE ET UTILISATION D'UNE FORMULATION COMPRENANT CELUI-CI DANS LA PREVENTION, L'ATTENUATION OU LE TRAITEMENT D'UN TROUBLE DE STRESS AIGU OU D'UN TROUBLE DE STRESS POST-TRAUMATIQUE**
[72] RYU, EUN JU, KR
[72] MAENG, CHEOL YOUNG, KR
[72] SHIN, HYE WON, KR
[71] SK BIOPHARMACEUTICALS CO., LTD., KR
[85] 2021-03-08
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[25] EN
[54] **SYSTEMS AND METHODS OF PRODUCING STABLE HOMOGENOUS DISPERSIONS OF IMMISCIBLE FLUIDS**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION DE DISPERSIONS HOMOGENES STABLES DE FLUIDES NON MISCIBLES**
[72] HULL, RICHARD, US
[72] KIRMACI, BILAL, US
[72] TOLEDO, MO MUI, US
[72] TOLEDO, ROMEO, US
[71] KERRY LUXEMBOURG S.A.R.L., LU
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[30] US (62/728,949) 2018-09-10

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[25] EN
[54] **REHABILITATION DEVICE PROVIDING LOCOMOTION TRAINING AND METHOD OF USE**
[54] **DISPOSITIF DE REEDUCATION FOURNISSANT UN ENTRAINEMENT A LA LOCOMOTION ET PROCEDE D'UTILISATION**
[72] BENDA, SCOTT DOUGLAS, US
[72] BENDA, LUKE SCOTT, US
[72] DAVIDSON, BRADEN JOSEPH, US
[72] REESE, EVAN ANDREW, US
[72] ZARO, CHRISTOPHER, US
[71] HEALING INNOVATIONS, INC., US
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[30] US (62/728,762) 2018-09-08

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[51] **Int.Cl. A61K 38/10 (2006.01)**
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[54] **PEPTIDES AND MEDICAL USES THEREOF**
[54] **PEPTIDES ET LEURS UTILISATIONS MEDICALES**
[72] RUVO, MENOTTI, IT
[72] ROSIELLO, DAVIDE, IT
[72] DE FALCO, SANDRO, IT
[71] ANBITION S.R.L., IT
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[86] 2019-09-11 (PCT/IB2019/057636)
[87] (WO2020/053772)
[30] IT (102018000008493) 2018-09-11

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[51] **Int.Cl. G06N 99/00 (2019.01) G06F 7/58 (2006.01)**
[25] EN
[54] **OPTIMIZATION APPARATUS AND METHOD OF CONTROLLING OPTIMIZATION APPARATUS**
[54] **DISPOSITIF D'OPTIMISATION ET PROCEDE DE COMMANDE POUR DISPOSITIF D'OPTIMISATION**
[72] SASAKI, MASATO, JP
[71] FUJITSU LIMITED, JP
[85] 2021-03-08
[86] 2018-09-13 (PCT/JP2018/033992)
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[51] **Int.Cl. C07J 73/00 (2006.01) A61K 31/585 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **TRIPTOLIDE AND PRODRUGS THEREOF FOR USE IN METHODS TO TREAT FIBROSIS, NASH, AND NAFLD**
[54] **TRIPTOLIDE ET PROMEDICAMENTS ASSOCIES DESTINES A ETRE UTILISES DANS DES METHODES DE TRAITEMENT DE LA FIBROSE, DE LA NASH ET DE LA NAFLD**
[72] SALUJA, ASHOK K., US
[72] DUDEJA, VIKAS, US
[72] LAVANIA, SHWETA, US
[72] NIKAM, ANIKET, US
[72] BANERJEE, SULAGNA, US
[71] MINNEAMRITA THERAPEUTICS, LLC, US
[85] 2021-03-08
[86] 2019-09-12 (PCT/US2019/050866)
[87] (WO2020/056174)
[30] US (62/730,924) 2018-09-13

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[25] EN
[54] **CONSENT PROVENANCE AND COMPLIANCE TRACKING OVER A COMPLEX CONSUMER DATA SUPPLY CHAIN USING BLOCKCHAIN DISTRIBUTED LEDGER**
[54] **SUIVI DE PROVENANCE ET DE CONFORMITE D'UN CONSENTEMENT SUR UNE CHAINE D'APPROVISIONNEMENT DE DONNEES CONSOMMATEURS COMPLEXE A L'AIDE D'UN REGISTRE DISTRIBUE DE CHAINE DE BLOCS**
[72] HSY, JOE, US
[72] LEUNG, TSZ LING, CHRISTINA, US
[72] LEBARON, MATT, US
[72] COLEMAN, ARTHUR, US
[71] LIVERAMP, INC., US
[85] 2021-03-08
[86] 2019-09-10 (PCT/US2019/050356)
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[30] US (62/730,278) 2018-09-12

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[51] **Int.Cl. F42B 1/02 (2006.01) F42B 12/18 (2006.01) F42B 12/20 (2006.01) F42B 12/62 (2006.01)**
[25] EN
[54] **SHELL WITH MULTIPLE WARHEADS AND A FIRING PROCEDURE THEREFORE**
[54] **OBUS AVEC MULTIPLES OGIVES ET PROCEDURE DE MISE A FEU POUR CELUI-CI**
[72] JOHANSSON, NILS, SE
[71] BAE SYSTEMS BOFORS AB, SE
[85] 2021-03-08
[86] 2018-09-26 (PCT/SE2018/050974)
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[51] **Int.Cl. A61K 38/10 (2006.01)**
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[54] **PEPTIDES AND MEDICAL USES THEREOF**
[54] **PEPTIDES ET LEURS UTILISATIONS MEDICALES**
[72] RUVO, MENOTTI, IT
[72] ROSIELLO, DAVIDE, IT
[72] DE FALCO, SANDRO, IT
[71] ANBITION S.R.L., IT
[85] 2021-03-08
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[30] IT (102018000008507) 2018-09-11

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[51] **Int.Cl. D04H 1/732 (2012.01) D04H 1/425 (2012.01) D04H 1/4374 (2012.01) D04H 1/541 (2012.01) D04H 1/559 (2012.01) D04H 1/593 (2012.01) B32B 5/02 (2006.01) B32B 5/08 (2006.01) B32B 5/26 (2006.01) A47L 13/16 (2006.01) A47L 13/19 (2006.01) A61F 13/15 (2006.01) A61F 13/49 (2006.01) A61K 8/02 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **UNITARY NONWOVEN MATERIAL**
[54] **MATIERE NON TISSEE MONOBLOC**
[72] BOOKER, RICHARD, US
[72] CAVANAUGH, THOMAS J., US
[72] DUTKIEWICZ, JACEK K., US
[71] GEORGIA-PACIFIC MT. HOLLY LLC, US
[85] 2021-03-08
[86] 2019-09-19 (PCT/US2019/051896)
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[30] US (62/733,350) 2018-09-19

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[51] **Int.Cl. A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY WITH A PHOSPHOINOSITIDE 3-KINASE INHIBITOR WITH A ZINC BINDING MOIETY**
[54] **POLYTHERAPIE AVEC UN INHIBITEUR DE PHOSPHOINOSITIDE 3-KINASE AYANT UNE FRACTION DE LIAISON AU ZINC**
[72] WANG, JING, US
[72] PATTERSON, TROY DAVID, US
[72] TIAN, ZE, US
[71] CURIS INC., US
[85] 2021-03-08
[86] 2019-09-10 (PCT/US2019/050373)
[87] (WO2020/055840)
[30] US (62/729,648) 2018-09-11

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[51] **Int.Cl. F04D 13/10 (2006.01) E21B 43/12 (2006.01) F04D 9/00 (2006.01)**
[25] EN
[54] **ELECTRIC SUBMERSIBLE PUMP WITH DISCHARGE RECYCLE**
[54] **POMPE ELECTRIQUE IMMERGEE A RECYCLAGE DU REFOULEMENT**
[72] DINKINS, WALTER, US
[72] HOUSTON, DAVID, US
[72] BROWN, DONN J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2021-03-08
[86] 2018-10-03 (PCT/US2018/054245)
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[51] **Int.Cl. B60K 28/06 (2006.01) B60W 50/12 (2012.01) B60W 50/14 (2020.01) A61B 5/097 (2006.01) B60K 28/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING OPERATION OF A VEHICLE USING AN ALCOHOL DETECTION APPARATUS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE COMMANDER LE FONCTIONNEMENT D'UN VEHICULE A L'AIDE D'UN APPAREIL DE DETECTION D'ALCOOL**
[72] BOWERS, KYLE, US
[72] ZAOUK, ABDULLATIF, US
[72] STRASSBURGER, ROBERT, US
[72] WILLIS, MICHAEL, US
[72] DALAL, NEERAJ, US
[71] AUTOMOTIVE COALITION FOR TRAFFIC SAFETY, INC., US
[85] 2021-03-08
[86] 2019-09-10 (PCT/US2019/050421)
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[30] US (62/728,898) 2018-09-10

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[51] **Int.Cl. G16H 20/10 (2018.01) A61M 15/00 (2006.01)**
[25] EN
[54] **ACCESSORIES FOR INHALERS**
[54] **ACCESSOIRES POUR INHALATEURS**
[72] VOKEY, BRETT, CA
[71] BREATHESUITE INC., CA
[85] 2021-03-08
[86] 2019-09-27 (PCT/IB2019/058254)
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[30] US (62/737,427) 2018-09-27

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[51] **Int.Cl. E21B 43/00 (2006.01)**
[25] EN
[54] **RESERVOIR SIMULATION WITH PRESSURE SOLVER FOR NON-DIAGONALLY DOMINANT INDEFINITE COEFFICIENT MATRICES**
[54] **SIMULATION DE RESERVOIR AVEC RESOLVEUR DE PRESSION POUR DES MATRICES DE COEFFICIENTS INDEFINIES NON DIAGONALEMENT DOMINANTS**
[72] DOGRU, ALI HAYDAR, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2021-03-08
[86] 2019-09-12 (PCT/US2019/050875)
[87] (WO2020/068442)
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[51] **Int.Cl. A61K 47/38 (2006.01) A61K 38/095 (2019.01) A61K 9/08 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/22 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **STABLE INTRANASAL FORMULATIONS OF CARBETOCIN**
[54] **FORMULATIONS INTRANASALES STABLES DE CARBETOCINE**
[72] MANNING, MARK C., US
[72] HOLCOMB, RYAN E., US
[72] KATAYAMA, DERRICK S., US
[72] BRYANT, CHRISTOPHER, US
[71] LEVO THERAPEUTICS, INC., US
[85] 2021-03-08
[86] 2019-09-20 (PCT/US2019/052090)
[87] (WO2020/061414)
[30] US (62/734,152) 2018-09-20
[30] US (62/876,857) 2019-07-22

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[51] **Int.Cl. A61K 8/02 (2006.01) D04H 1/425 (2012.01) D04H 1/587 (2012.01) D04H 1/64 (2012.01)**
[25] EN
[54] **LATEX-FREE AND FORMALDEHYDE-FREE NONWOVEN FABRICS**
[54] **TISSUS NON TISSES SANS LATEX ET SANS FORMALDEHYDE**
[72] SALAM, ABDUS, US
[72] KISTEMAKER, TIMOTHY, US
[71] GEORGIA-PACIFIC MT. HOLLY LLC, US
[85] 2021-03-08
[86] 2019-01-31 (PCT/US2019/016041)
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[51] **Int.Cl. G01C 3/00 (2006.01)**
[25] EN
[54] **OPTICS BASED MULTI-DIMENSIONAL TARGET AND MULTIPLE OBJECT DETECTION AND TRACKING METHOD**
[54] **CIBLE MULTIDIMENSIONNELLE OPTIQUE ET PROCEDE DE DETECTION ET DE SUIVI D'OBJETS MULTIPLES**
[72] GUIGNE, JACQUES Y., CA
[72] PACE, NICHOLAS G., GB
[71] SMARTCONE TECHNOLOGIES INC., CA
[85] 2021-03-08
[86] 2019-10-01 (PCT/IB2019/058353)
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[51] **Int.Cl. A61K 47/61 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PACLITAXEL-HYALURONIC ACID CONJUGATE IN THE TREATMENT OF NON-MUSCLE INVASIVE BLADDER CANCER**
[54] **CONJUGUE DE PACLITAXEL ET D'ACIDE HYALURONIQUE DANS LE TRAITEMENT DU CANCER DE LA VESSIE SANS INFILTRATION DU MUSCLE**
[72] MOSCONI, GIORGIO, IT
[72] JABES, DANIELA, IT
[72] PIZZOCARO, CARLO, IT
[71] FIDIA FARMACEUTICI S.P.A., IT
[85] 2021-03-08
[86] 2019-10-23 (PCT/IB2019/059073)
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[30] IT (102018000009731) 2018-10-25

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[51] **Int.Cl. E21B 10/567 (2006.01) E21B 10/573 (2006.01)**
[25] EN
[54] **DRILL BIT CUTTER ELEMENTS AND DRILL BITS INCLUDING SAME**
[54] **ELEMENTS DE COUPE POUR TREPAN ET TREPANS EQUIPES DESDITS ELEMENTS DE COUPE**
[72] GRAHAM, RYAN BASSON, US
[72] RAHMANI, REZA, US
[72] PACHECO, OLIVIA N., US
[71] NATIONAL OILWELL DHT, L.P., US
[85] 2021-03-08
[86] 2019-09-10 (PCT/US2019/050431)
[87] (WO2020/055882)
[30] US (62/729,382) 2018-09-10

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[51] **Int.Cl. A61K 9/08 (2006.01) A61K 38/095 (2019.01)**
[25] EN
[54] **CARBETOCIN DRUG PRODUCT AND PROCESS FOR PREPARING SAME**
[54] **PRODUIT MEDICAMENTEUX A LA CARBETOCINE ET SON PROCEDE DE PREPARATION**
[72] BRYANT, CHRISTOPHER, US
[72] MANNING, MARK C., US
[72] HOLCOMB, RYAN E., US
[71] LEVO THERAPEUTICS, INC., US
[85] 2021-03-08
[86] 2019-09-20 (PCT/US2019/052092)
[87] (WO2020/061416)
[30] US (62/734,134) 2018-09-20
[30] US (62/876,870) 2019-07-22

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[51] **Int.Cl. A61K 31/403 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CANCER BY INHIBITING UBIQUITIN CONJUGATING ENZYME E2 K (UBE2K)**
[54] **PROCEDES DE TRAITEMENT DU CANCER PAR INHIBITION DE L'ENZYME DE CONJUGAISON DE L'UBIQUITINE E2 K (UBE2K)**
[72] DIERS, ANNE R., US
[72] VISHNUDAS, VIVEK K., US
[72] GESTA, STEPHANE, US
[71] BERG LLC, US
[85] 2021-03-08
[86] 2019-09-10 (PCT/US2019/050465)
[87] (WO2020/055906)
[30] US (62/729,348) 2018-09-10

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[51] **Int.Cl. B41J 2/41 (2006.01) G03G 15/00 (2006.01) G03G 15/16 (2006.01)**
[25] EN
[54] **TONER CONTAINER HAVING A COMMON INPUT GEAR FOR A TONER AGITATOR AND ENCODED MEMBER**
[54] **RECIPIENT D'ENCRE EN POUDRE COMPRENANT UN ENGRENAGE D'ENTREE COMMUN POUR UN AGITATEUR D'ENCRE EN POUDRE ET ELEMENT CODE**
[72] WILLIAMSON, RANDAL S., US
[72] JOHNSON, VIRGIL, JR., US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2021-03-08
[86] 2019-09-11 (PCT/US2019/050517)
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[30] US (16/157,495) 2018-10-11

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[51] **Int.Cl. C07K 14/78 (2006.01) A61K 49/00 (2006.01) A61P 1/16 (2006.01) C07K 7/64 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **POLYPEPTIDE INTEGRIN ANTAGONISTS**
[54] **ANTAGONISTES DE L'INTEGRINE POLYPEPTIDIQUE**
[72] ARNAOUT, M. AMIN, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2021-03-08
[86] 2019-08-08 (PCT/US2019/045762)
[87] (WO2020/033731)
[30] US (62/715,860) 2018-08-08
[30] US (62/757,126) 2018-11-07
[30] US (62/786,804) 2018-12-31

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[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTEGRATED SERVICE DISCOVERY FOR NETWORK APPLICATIONS**
[54] **SYSTEMES ET PROCEDES DE DECOUVERTE DE SERVICE INTEGREE POUR APPLICATIONS DE RESEAU**
[72] CHAUHAN, ABHISHEK, US
[71] CITRIX SYSTEMS, INC., US
[85] 2021-03-08
[86] 2019-09-11 (PCT/US2019/050584)
[87] (WO2020/055981)
[30] US (16/129,240) 2018-09-12

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[51] **Int.Cl. C07K 14/705 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **NATURAL KILLER CELL COMPOSITIONS AND IMMUNOTHERAPY METHODS FOR TREATING TUMORS**
[54] **COMPOSITIONS DE CELLULES TUEUSES NATURELLES ET METHODES D'IMMUNOTHERAPIE POUR TRAITER DES TUMEURS**
[72] TRAGER, JAMES BARNABY, US
[72] SHEN, ANGELA JEAN, US
[71] NKARTA, INC., US
[85] 2021-03-08
[86] 2019-09-11 (PCT/US2019/050679)
[87] (WO2020/056045)
[30] US (62/730,939) 2018-09-13
[30] US (62/821,360) 2019-03-20
[30] US (62/841,768) 2019-05-01
[30] US (62/875,893) 2019-07-18

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[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/30 (2006.01) G01V 1/50 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **MACHINE LEARNING-BASED ANALYSIS OF SEISMIC ATTRIBUTES**
[54] **ANALYSE D'ATTRIBUTS SISMIQUES BASEE SUR L'APPRENTISSAGE AUTOMATIQUE**
[72] ROY, ATISH, US
[72] KUMAR, DHANANJAY, US
[72] KAZLAUSKAS, ERIC, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2021-03-08
[86] 2019-09-12 (PCT/US2019/050720)
[87] (WO2020/056073)
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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL QUINAZOLINE EGFR INHIBITORS**
[54] **NOUVEAUX INHIBITEURS DE L'EGFR QUINAZOLINE**
[72] CHATURVEDULA, PRASAD V., US
[71] SPECTRUM PHARMACEUTICALS, INC., US
[85] 2021-03-09
[86] 2019-09-20 (PCT/US2019/052181)
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[30] US (62/734,655) 2018-09-21

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[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/496 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE (R)-5-CARBAMOYLPYRIDIN-3-YL-2-METHYL-4-(3-(TRIFLUOROMETHOXY)BENZYL)PIPERAZINE-1-CARBOXYLATE, COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **(R)-5-CARBAMOYLPYRIDIN-3-YL-2-METHYL-4-(3-(TRIFLUOROMETHOXY)BENZYL) PIPERAZINE-1-CARBOXYLATE CRISTALLIN, COMPOSITIONS ET PROCEDES D'UTILISATION ASSOCIES**
[72] HUANG, LIANFENG, US
[72] TSOU, NANCY, US
[72] WHITE, NICOLE SUZANNE, US
[72] XU, JUN, CN
[72] ZHANG, QUN, CN
[71] CELGENE CORPORATION, US
[71] ABIDE THERAPEUTICS, INC., US
[85] 2021-03-08
[86] 2019-09-12 (PCT/US2019/050771)
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[25] EN
[54] **INTRATUMOR INJECTION FORMULATION**
[54] **FORMULATION D'INJECTION INTRATUMORALE**
[72] PUI, HING SANG, US
[72] PUI, YIP SHU, US
[71] US NANO FOOD & DRUG INC, US
[85] 2021-03-08
[86] 2019-08-19 (PCT/US2019/047079)
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[30] US (62/746,322) 2018-10-16

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[51] **Int.Cl. A61K 31/133 (2006.01) A61K 31/165 (2006.01) A61K 31/343 (2006.01) A61K 31/405 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **IMPROVING SLEEP OR POST-SLEEP PERFORMANCE**
[54] **AMELIORATION D'UNE PERFORMANCE DE SOMMEIL OU DE POST-SOMMEIL**
[72] POLYMEROPOULOS, MIHAEL H., US
[72] POLYMEROPOULOS, CHRISTOS, US
[72] XIAO, CHANGFU, US
[71] VANDA PHARMACEUTICALS INC., US
[85] 2021-03-08
[86] 2019-09-12 (PCT/US2019/050785)
[87] (WO2020/056117)
[30] US (62/730,467) 2018-09-12

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[25] EN
[54] **LIGHT COLLECTION FROM OBJECTS WITHIN A FLUID COLUMN**
[54] **COLLECTE DE LUMIERE PROVENANT D'OBJETS A L'INTERIEUR D'UNE COLONNE DE FLUIDE**
[72] HEGYI, ALEX, US
[72] KIESEL, PETER, US
[72] EVANS, KENNETH MICHAEL, US
[71] INGURAN, LLC, US
[85] 2021-03-08
[86] 2019-09-05 (PCT/US2019/049742)
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[30] US (16/133,531) 2018-09-17

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[51] **Int.Cl. G09B 19/00 (2006.01) G06F 40/30 (2020.01) G06F 40/40 (2020.01) G06K 9/62 (2006.01) H04M 3/51 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FACILITATING TRAINING OF AGENTS**
[54] **PROCEDE ET APPAREIL POUR FACILITER LA FORMATION D'AGENTS**
[72] SALAMMAGARI, ABHI RAM REDDY, US
[72] GHOSE, ABHISHEK, US
[72] MADHAVAN, ANAND, US
[72] GROVER, SUNEET, US
[71] [24]7 .AI, INC., US
[85] 2021-03-08
[86] 2019-09-12 (PCT/US2019/050791)
[87] (WO2020/056121)
[30] US (62/730,396) 2018-09-12
[30] US (16/567,104) 2019-09-11

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[51] **Int.Cl. C07C 59/347 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING CALCIUM ALPHA-KETOGLUTARATE**
[54] **PROCEDE DE FABRICATION D'ALPHA-CETOGLUTARATE DE CALCIUM**
[72] PEREIRA, DAVID EUGENE, US
[72] DEO, KESHAV, IN
[71] PONCE DE LEON HEALTH DESIGNATED ACTIVITY COMPANY, IE
[85] 2021-03-08
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[54] **UNITIZED VALVE SEAT ASSEMBLY**
[54] **ENSEMBLE SIEGE DE SOUPAPE UNIFIE**
[72] ROBERTS, JEFFREY C., US
[72] TAYLOR, JEFFREY L., US
[71] CRAFTS TECH, INC., US
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[54] **IMPROVED FLUORESCENT RESONANCE ENERGY TRANSFER-BASED BIOSENSOR PROTEINS AND THEIR OF USE THEREOF**
[54] **PROTEINES DE BIOCAPTEUR AMELIOREES A BASE DE TRANSFERT D'ENERGIE DE FLUORESCENCE PAR RESONANCE ET PROCEDES D'UTILISATION ASSOCIES**
[72] SAYRE, RICHARD, US
[72] SINEV, MIKHAIL, US
[72] SINEVA, ELENA, US
[72] TRAVERS, TIM, US
[71] PEBBLE LABS USA, INC., US
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[30] US (62/730,424) 2018-09-12

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[25] EN
[54] **POLYNUCLEOTIDES ENCODING GLUCOSE-6-PHOSPHATASE FOR THE TREATMENT OF GLYCOGEN STORAGE DISEASE**
[54] **POLYNUCLEOTIDES CODANT LA GLUCOSE-6-PHOSPHATASE POUR LE TRAITEMENT DE LA GLYCOGENOSE**
[72] MARTINI, PAOLO G.V., US
[72] DOUSIS, ATHANASIOS, US
[72] PRESNYAK, VLADIMIR, US
[72] CAO, JINGSONG, US
[71] MODERNATX, INC., US
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[25] EN
[54] **ACTIVITY MODE FOR ARTIFICIAL PANCREAS SYSTEM**
[54] **MODE D'ACTIVITE POUR SYSTEME DE PANCREAS ARTIFICIEL**
[72] O'CONNOR, JASON, US
[72] LEE, JOON BOK, US
[72] LY, TRANG, US
[72] VIENNEAU, TODD, CA
[72] ZHENG, YIBIN, US
[72] ZADE, ASHUTOSH, US
[71] INSULET CORPORATION, US
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[25] EN
[54] **DRY REFRACTORY COMPOSITIONS WITH REDUCED LEVELS OF RESPIRABLE CRYSTALLINE SILICA**
[54] **COMPOSITIONS REFRACTAIRES SECHES A NIVEAUX REDUITS DE SILICE CRISTALLINE RESPIRABLE**
[72] HERSHEY, RYAN, US
[72] DOZA, DOUGLAS, US
[72] GREEN, TIMOTHY, US
[72] GOSKI, DANA, US
[71] ALLIED MINERAL PRODUCTS, LLC, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR MULTIPLEXED QUANTITATIVE ANALYSIS OF CELL LINEAGES**
[54] **COMPOSITIONS ET PROCEDES D'ANALYSE QUANTITATIVE MULTIPLEXEE DE LIGNEES CELLULAIRES**
[72] WINSLOW, MONTE M., US
[72] PETROV, DMITRI, US
[72] WINTERS, IAN, US
[72] MCFARLAND, CHRISTOPHER, US
[72] ROGERS, ZOE, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[25] EN
[54] **COVALENT ADAPTOR SYNNOTCH AND CHIMERIC ANTIGEN RECEPTORS (CARS) FOR PROGRAMMABLE ANTIGEN-TARGETING**
[54] **RECEPTEURS SYNNOTCH D'ADAPTATEUR COVALENT ET RECEPTEURS ANTIGENIQUES CHIMERIQUES (CAR) POUR CIBLAGE D'ANTIGENE PROGRAMMABLE**
[72] LOHMUELLER, JASON JAKOB, US
[72] DEITERS, ALEXANDER, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2021-03-08
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[54] **DRUG DELIVERY DEVICE HAVING DOSE INDICATOR**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT AYANT UN INDICATEUR DE DOSE**
[72] PEDERSEN, JAKOB HALKJAER, US
[72] MELANDER, MATIAS, US
[71] AMGEN INC., US
[85] 2021-03-08
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[54] **ANTI-FGFR2 ANTIBODY FORMULATIONS**
[54] **FORMULATIONS D'ANTICORPS ANTI-FGFR2**
[72] PRADO, ISAIAS, US
[72] HUANG, CHIN-YI, US
[71] FIVE PRIME THERAPEUTICS, INC., US
[85] 2021-03-08
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[54] **HIGH RECOVERY ELECTRODIALYSIS METHOD**
[54] **PROCEDE D'ELECTRODIALYSE A RECUPERATION ELEVEE**
[72] SHIANG, LI-LIANG, US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
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[54] **FRAME, MORE PARTICULARLY IN THE FORM OF A TRIPOD**
[54] **SUPPORT, EN PARTICULIER SOUS LA FORME D'UN TREPIED**
[72] KAISER, THOMAS, DE
[72] WASSERMANN, CHRISTIAN, DE
[71] KAISER, THOMAS, DE
[71] WASSERMANN, CHRISTIAN, DE
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[54] **LOW PH DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE A FAIBLE PH**
[72] DELANEY, SARAH ANN, US
[72] CHANEY, KEVIN MICHAEL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2021-03-08
[86] 2019-11-07 (PCT/US2019/060216)
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[25] EN
[54] **METHOD FOR THE EXTRACTION OF BIO-OIL FROM ALGAL BIOMASS**
[54] **PROCEDE D'EXTRACTION DE BIO-HUILE A PARTIR DE BIOMASSE ALGALE**
[72] DE ANGELIS, ALBERTO RENATO, IT
[72] CASTALDO, FILOMENA, IT
[71] ENI S.P.A., IT
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[25] EN
[54] **IN VITRO CELL CULTURE MUCUS SYSTEMS**
[54] **SYSTEMES DE MUCUS DE CULTURE CELLULAIRE IN VITRO**
[72] ALLBRITTON, NANCY L., US
[72] WANG, YULI, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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[51] **Int.Cl. C09K 8/588 (2006.01) C09K 8/594 (2006.01)**
[25] EN
[54] **OIL RECOVERY PROCESS USING AN OIL RECOVERY COMPOSITION OF AQUEOUS SALT SOLUTION AND DILUTE POLYMER FOR CARBONATE RESERVOIRS**
[54] **PROCEDE DE RECUPERATION DE PETROLE FAISANT APPEL A UNE COMPOSITION DE RECUPERATION DE PETROLE D'UNE SOLUTION SALINE AQUEUSE ET DE POLYMERE DILUE POUR RESERVOIRS DE CARBONATE**
[72] AYIRALA, SUBHASH CHANDRABOSE, SA
[72] AL-YOUSEF, ALI ABDALLAH, SA
[72] AL-SOFI, ABDULKAREEM M., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **VIRTUAL TRY-ON SYSTEMS AND METHODS FOR SPECTACLES**
[54] **SYSTEMES ET PROCEDES D'ESSAYAGE VIRTUEL POUR LUNETTES**
[72] GOLDBERG, DAVID, US
[72] RAKOWSKI, MICHAEL, US
[72] COHEN, BENJAMIN, US
[72] HALL, BEN, US
[72] BERNBERG, BRIAN, US
[72] ZACHRITZ, HANNAH, US
[71] JAND, INC., US
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[25] EN
[54] **SCALABLE AND EFFICIENT MECHANICAL SPEED CONVERTER-CONTROLLED WIND AND HYDROKINETIC TURBINES**
[54] **TURBINES EOLIENNES ET HYDROLIENNE COMMANDEES PAR UN CONVERTISSEUR DE VITESSE MECANIQUE ECHELONNABLE ET EFFICACE**
[72] HAN, KYUNG SOO, US
[71] DIFFERENTIAL DYNAMICS CORPORATION, US
[85] 2021-03-08
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[30] US (16/233,365) 2018-12-27
[30] US (16/701,741) 2019-12-03
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[51] **Int.Cl. B63B 27/16 (2006.01)**
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[54] **A MARINE STRUCTURE COMPRISING A LAUNCH AND RECOVERY SYSTEM**
[54] **STRUCTURE MARINE COMPRENANT UN SYSTEME DE LANCEMENT ET DE RECUPERATION**
[72] SANTANA LIMA, FELIPE, NO
[72] ALCOCER PENAS, ALEX, NO
[72] HJELMSTAD, OLE PETTER, NO
[71] USEA AS, NO
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[54] **CONTINUOUS COILS CONTAINING A THIN ANODIZED FILM LAYER AND SYSTEMS AND METHODS FOR MAKING THE SAME**
[54] **BOBINES CONTINUES CONTENANT UNE COUCHE MINCE DE FILM ANODISE ET SYSTEMES ET LEURS PROCEDES DE FABRICATION**
[72] BULL, MICHAEL JACKSON, US
[72] BALL, JONATHAN, GB
[72] BECK, THOMAS J., US
[72] ZHU, DEWEI, US
[72] SUNDARAM, VENKATESH, US
[72] JOHNSON, KEVIN MARK, US
[71] NOVELIS INC., US
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[86] 2019-09-10 (PCT/US2019/050395)
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[54] **METHODS FOR TREATMENT OF MASSETER MUSCLE HYPERTROPHY**
[54] **PROCEDES DE TRAITEMENT DE L'HYPERTROPHIE DU MUSCLE MASSETER**
[72] LEE, ELISABETH, US
[72] BOWEN, BETA, US
[72] SOMOGYI, CHRISTINE, US
[72] ROGERS, JOHN D., FR
[71] ALLERGAN, INC., US
[85] 2021-03-08
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[51] **Int.Cl. E21B 17/00 (2006.01) F16L 57/00 (2006.01)**
[25] EN
[54] **PROTECTIVE DEVICE FOR A MALE END PORTION OF A STEEL TUBE INTENDED FOR USE IN A TUBULAR HYDROCARBON WORKING STRING**
[54] **DISPOSITIF PROTECTEUR POUR UNE PARTIE D'EXTREMITE MALE D'UN TUBE EN ACIER DESTINE A ETRE UTILISE DANS UNE CHAINE DE TRAVAIL TUBULAIRE D'HYDROCARBURES**
[72] BRODIE, ALASTAIR JOHN, FR
[72] VAN WESEMAEL, ALEXIS, FR
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2021-03-09
[86] 2019-10-01 (PCT/EP2019/076655)
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[54] **LAINE MINERALE**
[72] CLAIREAUX, CORINNE, FR
[71] SAINT-GOBAIN ISOVER, FR
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[25] EN
[54] **NANOFIBER COLLECTION DEVICE, NANOFIBER COLLECTION METHOD, AND NANOFIBER ACCUMULATION/MOLDING APPARATUS AND ACCUMULATION/MOLDING METHOD THEREFORE**
[54] **DISPOSITIF DE COLLECTE DE NANOFIBRES, PROCEDE DE COLLECTE DE NANOFIBRES, ET APPAREIL D'ACCUMULATION/MOULAGE DE NANOFIBRES ET SON PROCEDE D'ACCUMULATION/MOULAGE**
[72] IKEGAYA, MORIHIKO, JP
[72] MORITA, SHINJI, JP
[72] YOSHIDA, YUTAKA, JP
[72] SOTA, HIROYOSHI, JP
[72] ECHIZENYA, TAKATSUGU, JP
[71] M-TECHX INC., JP
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[25] FR
[54] **RUBBER COMPOSITION COMPRISING AN EPOXIDE ELASTOMER AND A POLYPHENOLIC COMPOUND**
[54] **COMPOSITION DE CAOUTCHOUC COMPRENANT UN ELASTOMERE EPOXYDE ET UN COMPOSE POLYPHENOLIQUE**
[72] THUILLIEZ, ANNE-LISE, FR
[72] GAVARD-LONCHAY, ODILE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2021-03-09
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[54] **AN EVAPORATOR WITH IMPROVED DROPLET SEPARATION**
[54] **EVAPORATEUR A SEPARATION DE GOUTTELETTES AMELIOREE**
[72] KONTU, MAURI, FI
[72] VIINIKKALA, REIMA, FI
[71] VAHTERUS OY, FI
[85] 2021-03-09
[86] 2019-10-10 (PCT/EP2019/077470)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS SUITABLE FOR ARTICULAR DELIVERY AND USE THEREOF IN TREATMENT OF JOINT PAIN**
[54] **COMPOSITIONS PHARMACEUTIQUES APPROPRIEES POUR UNE ADMINISTRATION ARTICULAIRE ET LEUR UTILISATION DANS LE TRAITEMENT DE LA DOULEUR ARTICULAIRE**
[72] TSENG, YUN-LONG, TW
[72] SHIH, SHEUE-FANG, TW
[72] CHANG, PO-CHUN, TW
[72] CHANG, LO, TW
[71] TLC BIOPHARMACEUTICALS, INC., US
[71] TAIWAN LIPOSOME CO., LTD., CN
[85] 2021-03-08
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[30] US (62/731,941) 2018-09-16

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[25] EN
[54] **SMOKE MOUTHPIECE AND SMOKING DEVICE WITH SUCH A SMOKE MOUTHPIECE**
[54] **EMBOUT BUCCAL POUR FUMER ET APPAREIL POUR FUMER COMPRENANT UN TEL EMBOUT BUCCAL POUR FUMER**
[72] SARAC, GEORG, DE
[71] SARAC, GEORG, DE
[85] 2021-03-09
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[25] EN
[54] **MANDREL MULTIPLYING DEVICE FOR SUBSEA OIL PRODUCTION EQUIPMENT**
[54] **DISPOSITIF MULTIPLICATEUR DE MANDRIN POUR EQUIPEMENTS SOUS-MARINS DE PRODUCTION DE PETROLE**
[72] RODRIGUES, ROBERTO, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[85] 2021-03-09
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[54] **LIGNIN DERIVATIVES BASED DRILLING FLUID ADDITIVE**
[54] **ADDITIF DE FLUIDE DE FORAGE A BASE DE DERIVES DE LIGNINE**
[72] MAGHRABI, SHADAAB SYED, US
[71] INGEVITY SOUTH CAROLINA, LLC, US
[85] 2021-03-08
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[54] **GLUTE PRESS EXERCISE MACHINE**
[54] **MACHINE D'EXERCICE DE COMPRESSION DE FESSIER**
[72] MEREDITH, JEFFREY O., US
[72] HOCKRIDGE, BRUCE, US
[72] KIM, BILLY Y., US
[71] HOIST FITNESS SYSTEMS, INC., US
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[51] **Int.Cl. C10G 2/00 (2006.01) C01B 32/50 (2017.01) B01J 12/00 (2006.01) B01J 16/00 (2006.01) B01J 21/04 (2006.01) B01J 21/06 (2006.01) B01J 21/08 (2006.01) B01J 23/02 (2006.01) B01J 23/42 (2006.01) B01J 23/46 (2006.01) B01J 23/75 (2006.01) C01B 3/02 (2006.01) C01B 3/50 (2006.01) C10L 1/02 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING LIQUID HYDROCARBONS BY THE FISCHER-TROPSCH PROCESS INTEGRATED INTO REFINERIES**
[54] **PROCEDE DE PREPARATION D'HYDROCARBURES LIQUIDES AU MOYEN D'UN PROCEDE DE FISCHER-TROPSCH INTEGRE A DES UNITES DE RAFFINAGE**
[72] PONTES BITTENCOURT, ROBERTO CARLOS, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[85] 2021-03-09
[86] 2019-09-11 (PCT/BR2019/050387)
[87] (WO2020/051663)
[30] BR (BR 102018068334 9) 2018-09-11

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[51] **Int.Cl. E04B 1/94 (2006.01) A62C 2/06 (2006.01) C09K 21/02 (2006.01) C09K 21/04 (2006.01)**
[25] EN
[54] **FIRE-STOPPING PRODUCT**
[54] **PRODUIT COUPE-FEU**
[72] PULLINGER, GARY, GB
[72] TAYLOR, ANDREW, GB
[72] JONES, SIMON, GB
[71] TREMCO CPG UK LIMITED, GB
[85] 2021-03-09
[86] 2018-09-28 (PCT/GB2018/052774)
[87] (WO2020/065243)

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[13] A1
[51] **Int.Cl. A61B 5/021 (2006.01)**
[25] EN
[54] **JUGULAR VENOUS PRESSURE MEASUREMENT DEVICES**
[54] **DISPOSITIFS DE MESURE DE LA PRESSION DE LA VEINE JUGULAIRE**
[72] SMITH, ANDREW J., CA
[72] ROBERTS, JASON D., CA
[72] SMITH, ANDREW M. L., CA
[72] KOUBI, ROM, CA
[71] JRAS MEDICAL INC., CA
[85] 2021-03-09
[86] 2019-05-03 (PCT/CA2019/050590)
[87] (WO2020/051676)
[30] US (62/730,416) 2018-09-12

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[13] A1
[51] **Int.Cl. B60W 50/00 (2006.01) B60W 30/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF ANTI-IDLING CONTROL FOR VEHICLES**
[54] **PROCEDE ET SYSTEME DE COMMANDE ANTI-RALENTI POUR VEHICULES**
[72] KHAJEPOUR, AMIR, CA
[72] MARYNIUK, RHYSE, CA
[72] HUANG, YANJUN, CA
[72] FARD, SOHEIL, CA
[72] KHAZRAEE, MILAD, CA
[71] KHAJEPOUR, AMIR, CA
[85] 2021-03-09
[86] 2019-09-10 (PCT/CA2019/051266)
[87] (WO2020/051684)
[30] US (62/729,110) 2018-09-10

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[51] **Int.Cl. E21B 37/00 (2006.01) E21B 31/06 (2006.01)**
[25] EN
[54] **MAGNETIC CLEANING APPARATUS AND METHOD OF USE THEREOF**
[54] **APPAREIL DE NETTOYAGE MAGNETIQUE ET SON PROCEDE D'UTILISATION**
[72] PATON, MARK, GB
[71] SUB-DRILL SUPPLY LIMITED, GB
[85] 2021-03-09
[86] 2019-09-16 (PCT/GB2019/052599)
[87] (WO2020/058687)
[30] GB (1815113.4) 2018-09-17

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[51] **Int.Cl. F16L 19/02 (2006.01) B23P 19/06 (2006.01) F16L 1/12 (2006.01) F16L 1/26 (2006.01) F16L 23/20 (2006.01) F16L 37/00 (2006.01) F16L 37/62 (2006.01) F16L 58/18 (2006.01) F16L 59/18 (2006.01) G01L 1/00 (2006.01) G01L 5/00 (2006.01)**
[25] EN
[54] **CONNECTION**
[54] **RACCORD**
[72] VORLEY, STEPHEN WILLIAM, GB
[71] MARINE DIRECT CONSULTANTS LIMITED, GB
[85] 2021-03-09
[86] 2019-09-30 (PCT/GB2019/052752)
[87] (WO2020/070476)
[30] GB (1816064.8) 2018-10-02

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[51] **Int.Cl. G03B 7/00 (2021.01) H04N 5/351 (2011.01)**
[25] EN
[54] **PHOTOGRAPHIC UNDEREXPOSURE CORRECTION USING A NEURAL NETWORK**
[54] **CORRECTION DE SOUS-EXPOSITION PHOTOGRAPHIQUE A L'AIDE D'UN RESEAU NEURONAL**
[72] GORDON, KEVIN, CA
[72] DAUGELA, DARCY, CA
[72] HUMPHREYS, MARTIN, CA
[71] SPECTRUM OPTIX INC., CA
[85] 2021-03-09
[86] 2019-09-13 (PCT/IB2019/057753)
[87] (WO2020/053837)
[30] US (62/730,799) 2018-09-13
[30] US (62/844,496) 2019-05-07

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **PROTEIN FOR TREATMENT OF INFLAMMATORY DISEASES**
[54] **PROTEINE POUR LE TRAITEMENT DE MALADIES INFLAMMATOIRES**
[72] SATHE, DHANANJAY, IN
[72] KUMAR, SUDEEP, IN
[72] KATDARE, MAMATA, IN
[71] UNICHEM LABORATORIES LTD, IN
[85] 2021-03-09
[86] 2019-09-14 (PCT/IB2019/057757)
[87] (WO2020/074984)
[30] IN (201821009667) 2018-09-16

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[13] A1
[51] **Int.Cl. A61K 47/61 (2017.01) A61K 47/69 (2017.01) A61P 27/02 (2006.01)**
[25] EN
[54] **SUSTAINED DELIVERY OF ANGIOPOETIN-LIKE 3 POLYPEPTIDES**
[54] **ADMINISTRATION PROLONGEE DE POLYPEPTIDES DE TYPE ANGIOPOIETINE 3**
[72] ADAMS, CHRISTOPHER, US
[72] APRIL, MYRIAM, US
[72] FAZAL, TANZINA, US
[72] FORSTER, CORNELIA JUTTA, US
[72] GERWIN, NICOLE, CH
[72] HALL, EDWARD CHARLES, US
[72] LANGLOIS, JEAN BAPTISTE GEORGES ARMAND, CH
[72] LEE, CAMERON CHUCK-MUNN, US
[71] NOVARTIS AG, CH
[85] 2021-03-09
[86] 2019-10-02 (PCT/IB2019/058400)
[87] (WO2020/070675)
[30] US (62/740,609) 2018-10-03

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[13] A1
[51] **Int.Cl. C09K 8/88 (2006.01) C09K 8/82 (2006.01)**
[25] EN
[54] **COMPOSITE DIVERTING PARTICULATES**
[54] **AGENTS DE DEVIATION SOUS FORME DE GRANULES COMPOSITES**
[72] LARSEN, TRAVIS HOPE, US
[72] BEUTERBAUGH, AARON MICHAEL, US
[72] EOFF, LARRY STEVEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2021-03-09
[86] 2018-11-30 (PCT/US2018/063246)
[87] (WO2020/112130)

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[13] A1
[51] **Int.Cl. G21C 1/28 (2006.01) G21G 1/06 (2006.01) G21G 1/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LASER DRIVEN NEUTRON GENERATION FOR A LIQUID-PHASE BASED TRANSMUTATION**
[54] **SYSTEMES ET PROCEDES DE GENERATION DE NEUTRONS COMMANDES PAR LASER POUR UNE TRANSMUTATION BASEE SUR UNE PHASE LIQUIDE**
[72] TAJIMA, TOSHIKI, US
[72] NECAS, ALES, US
[71] TAE TECHNOLOGIES, INC., US
[85] 2021-03-09
[86] 2019-09-05 (PCT/US2019/049820)
[87] (WO2020/051376)
[30] US (62/727,413) 2018-09-05
[30] US (62/774,427) 2018-12-03
[30] US (62/876,999) 2019-07-22

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[51] **Int.Cl. G01N 1/04 (2006.01) G02B 21/00 (2006.01) H01J 49/04 (2006.01) H01J 49/10 (2006.01)**
[25] EN
[54] **AUTOFOCUS SAMPLE IMAGING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'IMAGERIE D'ECHANTILLON A MISE AU POINT AUTOMATIQUE**
[72] SANDKUIJL, DAAF, CA
[72] LOBODA, ALEXANDER, CA
[72] CAREW, ADAM, CA
[72] ASKARPOUR, KHASHAYAR, CA
[71] FLUIDIGM CANADA INC., CA
[85] 2021-03-09
[86] 2019-09-10 (PCT/US2019/050330)
[87] (WO2020/055810)
[30] US (62/729,239) 2018-09-10

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[13] A1
[51] **Int.Cl. F28C 1/14 (2006.01) F28D 5/02 (2006.01)**
[25] EN
[54] **STAGED SPRAY INDIRECT EVAPORATIVE COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT A EVAPORATION INDIRECTE ET A PULVERISATION A ETAGES**
[72] FISHER, MARK, US
[72] DUNNAVANT, BRYAN KEITH, US
[72] BOUCHER, MICHAEL, US
[71] MUNTERS CORPORATION, US
[85] 2021-03-09
[86] 2019-09-10 (PCT/US2019/050415)
[87] (WO2020/055871)
[30] US (16/127,325) 2018-09-11

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[13] A1
[51] **Int.Cl. C12Q 1/6806 (2018.01)**
[25] EN
[54] **FULL-LENGTH RNA SEQUENCING**
[54] **SEQUENCAGE D'ARN PLEINE LONGUEUR**
[72] LEGNINI, IVANO, DE
[72] ALLES, JONATHAN, DE
[72] KARAISKOS, NIKOLAOS, DE
[72] AYOUB, SALAH, DE
[72] RAJEWSKY, NIKOLAUS, DE
[71] MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT, DE
[85] 2021-03-09
[86] 2019-08-13 (PCT/EP2019/071726)
[87] (WO2020/069791)
[30] EP (18198248.9) 2018-10-02

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[51] **Int.Cl. H05B 33/08 (2020.01) H02M 3/335 (2006.01)**
[25] EN
[54] **LED DRIVER AND METHOD OF OPERATING AN LED DRIVER**
[54] **PILOTE DE DEL ET PROCEDE DE FONCTIONNEMENT D'UN PILOTE DE DEL**
[72] SAES, MARC, NL
[72] VAN HORCK, FRANCISCUS BERNARDUS MARIE, NL
[71] ELDOLAB HOLDING B.V., NL
[85] 2020-09-25
[86] 2019-03-26 (PCT/NL2019/050189)
[87] (WO2019/190317)
[30] NL (2020675) 2018-03-28

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[13] A1
[51] **Int.Cl. G06K 9/46 (2006.01) G06K 9/20 (2006.01) G06K 9/62 (2006.01) G06N 3/02 (2006.01) G06T 1/40 (2006.01) G08B 13/196 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PERFORMING OBJECT DETECTION USING A CONVOLUTIONAL NEURAL NETWORK**
[54] **PROCEDE ET SYSTEME DE REALISATION D'UNE DETECTION D'OBJET A L'AIDE D'UN RESEAU NEURONAL CONVOLUTIONNEL**
[72] WANG, YIN, CA
[71] AVIGILON CORPORATION, CA
[85] 2021-03-09
[86] 2019-07-30 (PCT/CA2019/051042)
[87] (WO2020/056491)
[30] US (62/733,321) 2018-09-19

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[13] A1
[51] **Int.Cl. H04W 28/16 (2009.01) H04W 24/02 (2009.01) H04W 40/00 (2009.01) H04B 17/309 (2015.01) H04B 7/185 (2006.01)**
[25] EN
[54] **RESOURCE DEPLOYMENT OPTIMIZER FOR NON-GEOSTATIONARY AND/OR GEOSTATIONARY COMMUNICATIONS SATELLITES**
[54] **OPTIMISEUR DE DEPLOIEMENT DE RESSOURCES POUR SATELLITES DE TELECOMMUNICATIONS NON GEOSTATIONNAIRES ET/OU GEOSTATIONNAIRES**
[72] CHOINIERE, ERIC, CA
[72] MINHAS, RAHUL, CA
[71] TELESAT TECHNOLOGY CORPORATION, CA
[85] 2021-03-09
[86] 2019-09-10 (PCT/CA2019/051267)
[87] (WO2020/051685)
[30] CA (3,017,007) 2018-09-10

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[51] **Int.Cl. A61B 17/58 (2006.01) A61B 17/17 (2006.01) A61B 17/80 (2006.01) A61B 17/90 (2006.01)**
[25] EN
[54] **PATIENT-SPECIFIC SURGICAL TOOLS FOR KNEE OSTEOTOMIES**
[54] **OUTILS CHIRURGICAUX SPECIFIQUES AU PATIENT POUR OSTEOTOMIES DU GENOU**
[72] ROBICHAUD, JEAN, CA
[72] ROBICHAUD, HUGO, CA
[72] RIVET-SABOURIN, GEOFFROY, CA
[71] LABORATOIRES BODYCAD INC., CA
[85] 2021-02-16
[86] 2019-08-22 (PCT/CA2019/051148)
[87] (WO2020/037419)
[30] US (62/722,403) 2018-08-24
[30] US (62/722,461) 2018-08-24

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[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/4245 (2006.01)**
[25] EN
[54] **INDOLE-OXADIAZOLE COMPOUNDS AND THEIR THERAPEUTIC USE**
[54] **COMPOSES D'INDOLE-OXADIAZOLE ET LEUR UTILISATION THERAPEUTIQUE**
[72] GREIG, IAIN ROBERT, GB
[72] ROSS, RUTH, CA
[72] RAMSEY, AMY, CA
[72] MIELNIK, CATHERINE, CA
[72] TREMBLEAU, LAURENT ALAIN CLAUDE, GB
[72] ABDELRAHMAN, MOSTAFA HAMED, GB
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN, GB
[85] 2021-03-09
[86] 2019-09-12 (PCT/CA2019/051294)
[87] (WO2020/051707)
[30] US (62/730,296) 2018-09-12

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[13] A1
[51] **Int.Cl. C07C 29/76 (2006.01) C07C 29/86 (2006.01) C07C 31/20 (2006.01)**
[25] EN
[54] **PROCESS FOR REFINING NON-PETROLEUM BASED ETHYLENE GLYCOL**
[54] **PROCEDE DE RAFFINAGE D'ETHYLENE GLYCOL NON A BASE DE PETROLE**
[72] YUAN, YI, CN
[71] CHANGCHUN MEIHE SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD., CN
[85] 2021-03-05
[86] 2019-09-03 (PCT/CN2019/104167)
[87] (WO2020/048444)
[30] CN (201811032489.5) 2018-09-05

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[13] A1
[51] **Int.Cl. B07C 5/36 (2006.01)**
[25] EN
[54] **APPARATUS FOR PROCESSING AND GRADING FOOD ARTICLES AND RELATED METHODS**
[54] **APPAREIL DE TRAITEMENT ET DE CLASSEMENT D'ARTICLES ALIMENTAIRES ET PROCEDES ASSOCIES**
[72] HJALMARSSON, HELGI, IS
[72] JONSSON, EINAR BJORN, IS
[72] GUNNARSSON, HANNES, IS
[72] HERMANNSSON, INGOLFUR HARRI, IS
[72] EIRIKSSON, JON, IS
[71] VALKA EHF, IS
[85] 2021-03-09
[86] 2019-09-11 (PCT/EP2019/074281)
[87] (WO2020/053310)
[30] US (62/729,781) 2018-09-11

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 10/04 (2012.01)**
[25] EN
[54] **METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO PRIVATIZE CONSUMER DATA**
[54] **PROCEDES, SYSTEMES, ARTICLES MANUFACTURES ET APPAREIL DE PRIVATISATION DE DONNEES DE CONSOMMATEURS**
[72] RICHARDSON, BRUCE C., US
[72] LI, SHIXIAO, US
[72] QUINN, MARTIN, US
[72] SMITH, MICHAEL R., US
[71] THE NIELSEN COMPANY (US), LLC, US
[85] 2021-03-08
[86] 2019-09-09 (PCT/US2019/050201)
[87] (WO2020/055742)
[30] US (62/730,169) 2018-09-12
[30] US (16/235,781) 2018-12-28

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[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/107 (2006.01)**
[25] EN
[54] **SENSOR AND METHOD FOR MEASURING MOVEMENT OF BREAST TISSUE DURING ACTIVITY**
[54] **CAPTEUR ET PROCEDE DE MESURE DE MOUVEMENT DE TISSU MAMMAIRE PENDANT L'ACTIVITE PHYSIQUE**
[72] SANTRY, JOSEPH JOHN, CA
[72] MURNAGHAN, CHANTELLE DAWN, CA
[72] BUCKERIDGE, ERICA MARGARET, CA
[72] OLESON, MARK ARTHUR, CA
[72] HAMMOND, CONNOR ALEXANDER, CA
[72] LY, WILLIAM, CA
[71] LULULEMON ATHLETICA CANADA INC., CA
[85] 2021-03-09
[86] 2019-09-16 (PCT/CA2019/051310)
[87] (WO2020/056498)
[30] US (62/734,217) 2018-09-20

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[51] **Int.Cl. A61M 11/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **A DOSING REGULATOR AND RECOMMENDATIONS ENGINE**
[54] **REGULATEUR DE DOSAGE ET MOTEUR DE RECOMMANDATIONS**
[72] BLICK, KYOUNGWOO KIM, GB
[72] SAYERS, STEPHEN ANTHONY, GB
[71] BANKSIDE INTERNATIONAL LTD, GB
[85] 2021-03-09
[86] 2019-09-18 (PCT/EP2019/075057)
[87] (WO2020/058354)
[30] GB (1815253.8) 2018-09-19

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[13] A1
[51] **Int.Cl. G01G 19/04 (2006.01) B61F 5/00 (2006.01)**
[25] EN
[54] **LOAD SENSING SYSTEM FOR A RAILWAY TRUCK ASSEMBLY**
[54] **SYSTEME DE DETECTION DE CHARGE D'ENSEMBLE BOGIE FERROVIAIRE**
[72] WIKE, PAUL STEVEN, US
[71] AMSTED RAIL COMPANY, INC., US
[85] 2021-03-03
[86] 2019-10-22 (PCT/US2019/057394)
[87] (WO2020/086550)
[30] US (62/750,614) 2018-10-25

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[13] A1
[51] **Int.Cl. C07D 493/22 (2006.01) A61K 31/365 (2006.01) A61K 31/385 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01) C07D 239/553 (2006.01) C07D 493/04 (2006.01)**
[25] EN
[54] **COMPOUND AND USE THEREOF**
[54] **COMPOSE ET UTILISATION ASSOCIEE**
[72] QIAN, FENG, CN
[72] LIU, ZHENGSHENG, CN
[71] NOVAGENESIS THERAPEUTIX (SUZHOU) LIMITED, CN
[85] 2021-03-09
[86] 2019-06-18 (PCT/CN2019/091678)
[87] (WO2020/062951)
[30] CN (PCT/CN2018/108232) 2018-09-28

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/352 (2006.01) A61K 36/324 (2006.01) A61K 36/328 (2006.01) A61K 36/53 (2006.01) A61K 36/537 (2006.01) A61K 36/58 (2006.01) A61K 36/75 (2006.01) A61K 36/886 (2006.01) A61P 7/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING CBD FOR TREATING DERMATOLOGICAL CONDITIONS**
[54] **COMPOSITIONS COMPRENANT DU CBD POUR TRAITER DES AFFECTIONS DERMATOLOGIQUES**
[72] LAYANI, OMER, IL
[72] LAVON, ILANA, IL
[72] MUKHTAR, SHAUL, IL
[71] UNV MEDICINE LTD., IL
[85] 2021-03-09
[86] 2019-09-11 (PCT/IL2019/051017)
[87] (WO2020/053857)
[30] IL (261774) 2018-09-13

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[51] **Int.Cl. A61K 31/515 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **CRYSTAL FORM OF GSK1278863 AND PREPARATION METHOD AND PHARMACEUTICAL USE THEREOF**
[54] **FORME CRISTALLINE DE GSK1278863 ET SON PROCEDE DE PREPARATION ET SON UTILISATION PHARMACEUTIQUE**
[72] CHEN, MINHUA, CN
[72] ZHANG, YANFENG, CN
[72] WANG, JINQIU, CN
[72] ZHANG, XIAOYU, CN
[71] CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD., CN
[85] 2021-03-09
[86] 2018-03-13 (PCT/CN2018/078766)
[87] (WO2019/052133)
[30] CN (201710835313.2) 2017-09-15

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[13] A1
[51] **Int.Cl. A61K 33/14 (2006.01)**
[25] EN
[54] **ARTIFICIAL TEAR, CONTACT LENS AND DRUG VEHICLE COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **LARMES ARTIFICIELLES, LENTILLES DE CONTACT ET COMPOSITIONS DE VEHICULE POUR MEDICAMENT ET LEURS PROCEDES D'UTILISATION**
[72] HORN, GERALD, US
[71] PS THERAPY LTD., BB
[85] 2021-03-08
[86] 2019-09-19 (PCT/US2019/051825)
[87] (WO2020/061249)
[30] US (16/137,738) 2018-09-21
[30] US (16/372,625) 2019-04-02
[30] US (16/372,582) 2019-04-02
[30] US (16/372,596) 2019-04-02
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[51] **Int.Cl. A61B 8/08 (2006.01) A61B 8/12 (2006.01) A61N 7/00 (2006.01) A61N 7/02 (2006.01)**
[25] EN
[54] **ULTRASONIC DEVICE**
[54] **DISPOSITIF A ULTRASONS**
[72] AEBY, NICOLAS, CH
[71] AEBY, NICOLAS, CH
[85] 2021-03-09
[86] 2018-09-11 (PCT/IB2018/056926)
[87] (WO2020/053624)

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[13] A1
[51] **Int.Cl. B01D 29/15 (2006.01) C02F 1/00 (2006.01) B01D 35/06 (2006.01) B03C 1/28 (2006.01) C02F 1/48 (2006.01) F24D 19/00 (2006.01) F28F 19/01 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR FILTERING A FLUID CIRCULATING IN A PLUMBING AND HEATING SYSTEM**
[54] **DISPOSITIF ET PROCEDE DE FILTRAGE D'UN FLUIDE CIRCULANT DANS UN SYSTEME DE PLOMBERIE ET DE CHAUFFAGE**
[72] BERTOLOTTI, UMBERTO, IT
[72] CONTINI, MARIO, IT
[71] I.V.A.R. S.P.A., IT
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[54] **PROCEDE DE CHARGE SANS FIL ET DISPOSITIF ELECTRONIQUE**
[72] YU, WENCHAO, CN
[72] GAO, HAIZHEN, CN
[72] YANG, LVJIAN, CN
[72] CHEN, JIANG, CN
[72] WANG, HUI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **WHEELCHAIR FRAME AND WHEELCHAIR COMPRISING THE SAME**
[54] **CADRE DE FAUTEUIL ROULANT ET FAUTEUIL ROULANT LE COMPRENANT**
[72] ZELTNER, MICHAEL, CH
[72] BRENNER, SIMON, CH
[72] HUNIG, MARTIN, CH
[71] INVACARE INTERNATIONAL GMBH, CH
[85] 2021-03-09
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[54] **EFFICIENT OPERATION OF AN ANAEROBIC-AEROBIC SBR**
[54] **FONCTIONNEMENT EFFICACE D'UN RBS ANAEROBIE-AEROBIE**
[72] LEVIN, GAL, IL
[72] EITAN, REUVEN, IL
[71] S.G.T.-SUSTAINABLE GREEN TECHNOLOGIES LTD, IL
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[54] **PROCESS AND APPARATUS FOR THE TREATMENT OF ORGANIC FEEDSTOCK**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT DE CHARGE D'ALIMENTATION ORGANIQUE**
[72] LEVIN, GAL, IL
[72] EITAN, REUVEN, IL
[71] S.G.T.-SUSTAINABLE GREEN TECHNOLOGIES LTD, IL
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[54] **IMMUNOMODULATORS, COMPOSITIONS AND METHODS THERE OF**
[54] **IMMUNOMODULATEURS, COMPOSITIONS ET PROCEDES ASSOCIES**
[72] WANG, YIQIAN, CN
[72] ZHANG, YAO, CN
[72] FU, BANG, CN
[72] WANG, JIABING, CN
[71] BETTA PHARMACEUTICALS CO., LTD, CN
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[54] **CAP FOR CONTAINER**
[54] **BOUCHON POUR RECIPIENT**
[72] MAGUIRE, MICHAEL JOSEPH, US
[71] THISCAP, INC., US
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[54] **MUSK INHIBITION**
[54] **INHIBITION DE MUSK**
[72] VAN DER MAAREL, SILVERE MARIA, NL
[72] VERSCHUUREN, JOHANNES JUSTUS GERARD MARIA, NL
[72] HUIJBERS, MARTINA GERARDINA MARIA, NL
[72] PLOMP, JAKOB JAN, NL
[71] ACADEMISCH ZIEKENHUIS LEIDEN (H.O.D.N. LUMC), NL
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[54] **PROCEDE ET DISPOSITIF DE DECODAGE POUR INFORMATIONS DE MOUVEMENT PREDITES**
[72] CHEN, XU, CN
[72] ZHENG, JIANHUA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **DOWNY MILDEW RESISTANT IMPATIENS**
[54] **IMPATIENCE RESISTANT AU MILDIOU**
[72] WARFIELD, COLLEEN Y., US
[72] VAN PETERSEN, CORNELIS, US
[72] BRINKKEMPER, RUDOLFUS A., US
[72] CRAIN, SIMONE E., US
[71] BALL HORTICULTURAL COMPANY, US
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[54] **ROBINET-VANNE A SIEGES MULTIPLES**
[72] BRENNAN, JOHN, US
[71] FRANKLIN VALVE, LP, US
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[54] **MIXED OXIDE WITH IMPROVED REDUCIBILITY**
[54] **OXYDE MIXTE A REDUCTIBILITE AMELIOREE**
[72] IFRAH, SIMON, FR
[72] BISSON, LAURE JEANNE SIMONE, FR
[72] FAURE, BENJAMIN, FR
[72] JORGE COELHO MARQUES, RUI, CN
[72] LI, WEI, CN
[72] ZHU, LING, CN
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[25] EN
[54] **PROCESS FOR PRODUCING PURIFIED PAC`S AND SUGAR FROM FRUIT JUICE, AND COMPOSITIONS COMPRISING SAME**
[54] **PROCEDE DE PRODUCTION DE PAC ` S ET DE SUCRE PURIFIES A PARTIR DE JUS DE FRUIT, ET COMPOSITIONS LES COMPRENANT**
[72] BAUDOUIN, STANISLAS, FR
[72] REYNAUD, ERIC, LU
[71] WEST INVEST SA, LU
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[54] **ENSEMBLE REVETEMENT DE SOL ACOUSTIQUE**
[72] PAIK, CARY, US
[71] PAIK, CARY, US
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[54] **PREDICTIVE AND PROGNOSTIC METHODS IN BREAST CANCER**
[54] **METHODES PREDICTIVES ET PRONOSTIQUES DANS LE CANCER DU SEIN**
[72] LAIBLE, MARK, DE
[72] OED, MICHAEL, DE
[72] WIRTZ, RALPH, DE
[71] BIONTECH DIAGNOSTICS GMBH, DE
[71] STRATIFYER MOLECULAR PATHOLOGY GMBH, DE
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[54] **SYSTEME DE DETERMINATION D'ASCENDANCE GLOBALE**
[72] SONG, SHIYA, US
[72] TURISSINI, DAVID ANDREW, US
[72] WANG, YONG, US
[72] BYRNES, JAKE KELLY, US
[72] NOTO, KEITH, US
[72] SEDGHIFAR, ALISA, US
[71] ANCESTRY.COM DNA, LLC, US
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[25] EN
[54] **TREATMENT OF AUTISM AND AUTISM SPECTRUM DISORDERS WITH BIOTIN COMPOSITIONS**
[54] **TRAITEMENT DE L'AUTISME ET DE TROUBLES DU SPECTRE AUTISTIQUE AVEC DES COMPOSITIONS DE BIOTINE**
[72] KOMOROWSKI, JAMES R., US
[71] JDS THERAPEUTICS, LLC, US
[85] 2021-03-05
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[25] EN
[54] **THE USE OF A H3R INVERSE AGONIST FOR THE TREATMENT OF EXCESSIVE DAYTIME SLEEPINESS ASSOCIATED WITH PARKINSON'S DISEASE (PD)**
[54] **UTILISATION D'UN AGONISTE INVERSE DE H3R POUR LE TRAITEMENT D'UNE SOMNOLENCE DIURNE EXCESSIVE ASSOCIEE A LA MALADIE DE PARKINSON (MP)**
[72] JOHNS, DONALD, US
[72] SOVAGO, JUDIT, CH
[71] NOVARTIS AG, CH
[85] 2021-03-09
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[25] EN
[54] **MAINTAINING A STEADY MICROBIAL COMMUNITY IN A COMBINED ANAEROBIC-AEROBIC APPARATUS**
[54] **MAINTIEN D'UNE COMMUNAUTE MICROBIENNE STABLE DANS UN APPAREIL ANAEROBIE-AEROBIE COMBINE**
[72] LEVIN, GAL, IL
[72] EITAN, REUVEN, IL
[71] S.G.T.-SUSTAINABLE GREEN TECHNOLOGIES LTD, IL
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[54] **GRANULATION OF A STEVIA SWEETENER**
[54] **GRANULATION D'UN EDULCORANT A BASE DE STEVIA**
[72] PURKAYASTHA, SIDDHARTHA, US
[72] MARKOSYAN, AVETIK, AM
[71] PURECIRCLE SDN BHD, MY
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[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING AN ELECTROMAGNETIC SIGNAL IN A CONSTANT INTERFERENCE ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE DETECTION D'UN SIGNAL ELECTROMAGNETIQUE DANS UN ENVIRONNEMENT A INTERFERENCE CONSTANTE**
[72] VENKATESAN, PRAVIN KUMAR, US
[72] PINTO, ROGER, US
[72] SU, JIANGHUI, US
[72] GOYAL, ABHILASH, US
[71] VELODYNE LIDAR USA, INC., US
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[71] ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM, NL
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[54] **DISPOSITIF D'ALLUMAGE A L'EPREUVE DES ENFANTS**
[72] BARBER, BRIAN J., US
[72] PANEK, SHAUN M., US
[71] ZIPPO MANUFACTURING COMPANY, US
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[51] **Int.Cl. C07D 487/04 (2006.01) A61P 35/00 (2006.01) C07D 401/08 (2006.01) C07D 471/04 (2006.01)**
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[54] **ALKYNYL NICOTINAMIDE COMPOUNDS AS KINASE INHIBITORS**
[54] **COMPOSES DE NICOTINAMIDE ALCYNYLE SERVANT D'INHIBITEURS DE KINASES**
[72] SINTIM, HERMAN O., US
[72] LAROCQUE, ELIZABETH, US
[72] NAGANNA, N, US
[71] PURDUE RESEARCH FOUNDATION, US
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[51] **Int.Cl. G06F 1/26 (2006.01) G06F 13/38 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR UNIVERSAL SERIAL BUS (USB) POWER DELIVERY WITH MULTIPLE CHARGING PORTS**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE PUISSANCE DE BUS SERIE UNIVERSEL (USB) AVEC UNE PLURALITE DE PORTS DE CHARGE**
[72] JAHAN, A.M. SARWAR, US
[72] PAPISMEDOV, LEVAN, US
[72] WEISS, BENJAMIN R., US
[72] JANSEN, RONALD, US
[72] THOMAS, DESIREE, US
[72] RANDALL, WILLIAM, US
[72] SANGHVI, ANKIT, US
[71] LEVITON MANUFACTURING COMPANY, INC., US
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[54] **DISPOSITIF DE PRELEVEMENT D'UN ECHANTILLON DANS UN LIQUIDE**
[72] WIEGMAN, PETER IMMANUEL, NL
[72] MULDER, HANS PETER, NL
[71] IDRIS ONCOLOGY B.V., NL
[85] 2021-03-09
[86] 2019-09-23 (PCT/NL2019/050637)
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[54] **NANOCELLULOSE AND METHOD FOR PRODUCING THE SAME**
[54] **NANOCELLULOSE ET PROCEDE POUR LA PRODUCTION DE CELLE-CI**
[72] NAGAHAMA, HIDEAKI, JP
[72] KINOSHITA, YUUKI, JP
[72] YAMADA, TOSHIKI, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2021-03-09
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[54] **DISTRIBUTEUR DE BANDE ALVEOLEE UNIQUE**
[72] KULKARNI, NANDAN, IN
[72] SHEWALE, PAVAN, IN
[72] MALHOTRA, GEENA, IN
[71] CIPLA LIMITED, IN
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[54] **GROUPE DE RECEPTEURS D'ANTIGENES CHIMERIQUES (CAR)**
[72] SALZER, BENJAMIN, AT
[72] LEHNER, MANFRED, AT
[72] TRAXLMAYR, MICHAEL, AT
[71] ST. ANNA KINDERKREBSFORSCHUNG, AT
[71] UNIVERSITAT FUR BODENKULTUR WIEN, AT
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[25] EN
[54] **METHOD FOR GENERATING AN ORTHOGONAL VIEW OF AN OBJECT**
[54] **PROCEDE POUR GENERER UNE VUE ORTHOGONALE D'UN OBJET**
[72] STUDNICKA, NIKOLAUS, AT
[71] RIEGL LASER MEASUREMENT SYSTEMS GMBH, AT
[85] 2021-03-09
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[51] **Int.Cl. C05F 11/08 (2006.01) C05B 19/00 (2006.01) C05F 11/02 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING A GRANULATED PHOSPHATE FERTILISER AND PHOSPHATE FERTILISER OBTAINED**
[54] **PROCEDE D'OBTENTION D'UN ENGRAIS PHOSPHATE GRANULEUX ET ENGRAIS PHOSPHATE AINSI OBTENU**
[72] ATARES REAL, SERGIO, ES
[72] ROMERO LOPEZ, JOAQUIN, ES
[72] SALAET MADORRAN, IGNASI, ES
[72] FERRER GINES, MARIA, ES
[72] CABALLERO MOLADA, MARCOS, ES
[72] YANCE CHAVEZ, TULA DEL CARMEN, ES
[72] FUERTES DONATE, CARLOS, ES
[71] FERTINAGRO BIOTECH, S.L., ES
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[25] EN
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[54] **DISPOSITIF DE RECEPTION ET DE RENVOI DE COLIS**
[72] DUCKERS, KEVIN, GB
[72] FALCK, SHAUN, GB
[71] IDU DROP LIMITED, GB
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[51] **Int.Cl. G07F 11/00 (2006.01) G07F 11/32 (2006.01) G07F 11/38 (2006.01) G07F 11/42 (2006.01)**
[25] EN
[54] **VENDING MACHINE**
[54] **DISTRIBUTEUR AUTOMATIQUE**
[72] JAFA, EMAD, US
[72] LAU, CHEUK CHI, US
[72] LI, XUEJUN, US
[72] SEROCK, YONG, US
[72] CHAN, WAI TING, GB
[72] JOHNSTONE, SAMUEL LUKE, GB
[72] MITCHELL, MARTYN THOMAS, GB
[72] MORRISON, EUAN, GB
[72] WILLIAMS, ERIK DAVID, GB
[71] PEPSICO, INC., US
[85] 2021-03-09
[86] 2019-08-29 (PCT/US2019/048793)
[87] (WO2020/055601)
[30] US (16/130,717) 2018-09-13

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[51] **Int.Cl. A61D 7/00 (2006.01) A61K 9/00 (2006.01) A61K 47/02 (2006.01) A61K 47/46 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE FORMULATIONS IN DELIVERY DEVICES**
[54] **FORMULATIONS A LIBERATION PROLONGEE DANS DES DISPOSITIFS DE DISTRIBUTION**
[72] GILL, DAVID ANTHONY, NZ
[72] MORROW, DESMOND IAN JOHN, NZ
[72] VENNING, MICHAEL, NZ
[71] ARGENTA INNOVATION LIMITED, NZ
[85] 2021-03-09
[86] 2019-09-10 (PCT/NZ2019/050119)
[87] (WO2020/055270)
[30] NZ (746209) 2018-09-10

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[51] **Int.Cl. B29C 45/14 (2006.01)**
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[54] **METHOD AND APPARATUS FOR OVERMOLDING GUTTA-PERCHA ONTO CARRIERS**
[54] **PROCEDE ET APPAREIL DE SURMOULAGE DE GUTTA-PERCHA SUR DES SUPPORTS**
[72] NDUNGU, GEOFFREY K., US
[72] GLADSON, CHRISTOPHER M., US
[71] DENTSPLY SIRONA INC., US
[85] 2021-03-09
[86] 2019-09-18 (PCT/US2019/051702)
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[30] US (16/137,958) 2018-09-21

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[51] **Int.Cl. C09B 69/10 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **DUAL MODALITY UPS NANOPROBES FOR TUMOR ACIDOSIS IMAGING**
[54] **NANOSONDES D'ALIMENTATION SANS COUPURE A DOUBLE MODALITE POUR IMAGERIE D'ACIDOSE TUMORALE**
[72] GAO, JINMING, US
[72] HUANG, GANG, US
[72] ZHAO, TIAN, US
[72] SUMER, BARAN D., US
[72] SUN, XIANKAI, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2021-03-09
[86] 2019-09-13 (PCT/US2019/050977)
[87] (WO2020/056233)
[30] US (62/731,848) 2018-09-15

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[51] **Int.Cl. A61K 35/28 (2015.01) C12N 5/071 (2010.01) C12N 5/0789 (2010.01) A61K 41/00 (2020.01) A61P 37/06 (2006.01)**
[25] EN
[54] **CELLULAR COMPOSITIONS DERIVED FROM DECEASED DONORS TO PROMOTE GRAFT TOLERANCE AND MANUFACTURE AND USES THEREOF**
[54] **COMPOSITIONS CELLULAIRES DERIVEES DE DONNEURS DECEDES FAVORISANT LA TOLERANCE A LA GREFFE, FABRICATION ET UTILISATIONS**
[72] ZDANOWSKI, MICHAEL, US
[72] SUIRE, COLBY, US
[72] BATTY, D., SCOTT, US
[71] MEDEOR THERAPEUTICS, INC., US
[85] 2021-03-09
[86] 2019-09-18 (PCT/US2019/051711)
[87] (WO2020/061180)
[30] US (62/732,823) 2018-09-18
[30] US (62/732,830) 2018-09-18
[30] US (62/732,832) 2018-09-18
[30] US (62/732,827) 2018-09-18

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[25] EN
[54] **PRODUCT ONBOARDING MACHINE**
[54] **MACHINE D'ACCUEIL ET D'INTEGRATION DE PRODUIT**
[72] CHAUBARD, FRANCOIS, US
[71] FOCAL SYSTEMS, INC., US
[85] 2021-03-09
[86] 2019-09-18 (PCT/US2019/051795)
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[30] US (62/733,079) 2018-09-18

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[51] **Int.Cl. C07D 491/107 (2006.01) A61K 31/497 (2006.01) A61P 35/00 (2006.01) C07D 211/22 (2006.01) C07D 211/26 (2006.01) C07D 211/62 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **MANUFACTURE OF COMPOUNDS AND COMPOSITIONS FOR INHIBITING THE ACTIVITY OF SHP2**
[54] **FABRICATION DE COMPOSES ET DE COMPOSITIONS POUR INHIBER L'ACTIVITE DE SHP2**
[72] FEI, ZHONGBO, CN
[72] ZHANG, HAO, CN
[72] JIA, HUANQING, CN
[72] WANG, HUI, CN
[72] WANG, JIANHUA, CN
[72] LI, WEI, CN
[72] LIN, XIAOHUI, CN
[72] MIN, ZHONGCHENG, CN
[71] NOVARTIS AG, CH
[85] 2021-03-09
[86] 2019-09-18 (PCT/IB2019/057863)
[87] (WO2020/065452)
[30] CN (PCT/CN2018/108738) 2018-09-29

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[51] **Int.Cl. C08L 63/00 (2006.01) C08L 67/02 (2006.01) C08L 77/02 (2006.01)**
[25] EN
[54] **FILLED COMPOSITES WITH DECREASED THERMAL CONDUCTIVITY, DIELECTRIC CONSTANT, AND WEIGHT**
[54] **COMPOSITES REMPLIS AYANT UNE CONDUCTIVITE THERMIQUE, UNE CONSTANTE DIELECTRIQUE ET UN POIDS REDUITS**
[72] IRVIN, DAVID J., US
[72] SAKAGUCHI, ALAN D., US
[72] JOAQUIN, ALYSA, US
[72] POE, GARRETT D., US
[72] LAMBDIN, NICOLE, US
[72] MERWIN, MIKE, US
[71] BLUESHIFT MATERIALS, INC., US
[85] 2021-03-09
[86] 2019-09-19 (PCT/US2019/051977)
[87] (WO2020/061344)
[30] US (62/733,714) 2018-09-20

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[13] A1
[51] **Int.Cl. H04N 19/11 (2014.01)**
[25] EN
[54] **VIDEO CODING APPARATUS, VIDEO CODING METHOD, VIDEO CODING PROGRAM,VIDEO DECODING APPARATUS, VIDEO DECODING METHOD, AND VIDEO DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE VIDEO, PROCEDE DE CODAGE VIDEO, PROGRAMME DE CODAGE VIDEO, DISPOSITIF DE DECODAGE VIDEO, PROCEDE DE DECODAGE VIDEO ET PROGRAMME DE DECODAGE VIDEO**
[72] YAMORI, AKIHIRO, JP
[72] KAZUI, KIMIHIKO, JP
[71] FUJITSU LIMITED, JP
[85] 2021-03-09
[86] 2018-09-19 (PCT/JP2018/034681)
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[25] EN
[54] **PROCESSES FOR PRODUCING FLUORIDED SOLID OXIDES AND USES THEREOF IN METALLOCENE-BASED CATALYST SYSTEMS**
[54] **PROCEDES DE PRODUCTION D'OXYDES SOLIDES FLUORES ET LEURS UTILISATIONS DANS DES SYSTEMES CATALYTIQUES A BASE DE METALLOCENE**
[72] MCDANIEL, MAX P., US
[72] CLEAR, KATHY S., US
[72] YANG, QING, US
[72] CRAIN, TONY R., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2021-03-09
[86] 2019-09-25 (PCT/US2019/052812)
[87] (WO2020/068888)
[30] US (62/737,157) 2018-09-27

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **ANTIVIRAL PYRIDOPYRAZINEDIONE COMPOUNDS**
[54] **COMPOSES ANTIVIRAUX DE PYRIDOPYRAZINEDIONE**
[72] BECKER, CHRISTOPHER, US
[72] LI, XIAOLIN, US
[72] LU, PEICHAO, US
[72] RAJAPAKSA, NAOMI SAMADARA, US
[72] TULLY, DAVID CHARLES, US
[72] WANG, XIAOJING MICHAEL, US
[72] ZHAO, QIAN, US
[71] NOVARTIS AG, CH
[85] 2021-03-09
[86] 2019-09-12 (PCT/IB2019/001008)
[87] (WO2020/053654)
[30] US (62/730,361) 2018-09-12

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[25] EN
[54] **APPARATUS AND METHODS FOR MULTIPLEXED AMPLIFICATION AND DETECTION OF DNA USING CONVECTIONAL HEATING AND LABEL-FREE MICROARRAY**
[54] **APPAREIL ET PROCEDES D'AMPLIFICATION MULTIPLEXEE ET DE DETECTION D'ADN A L'AIDE D'UN CHAUFFAGE PAR CONVECTION ET D'UN MICRORESEAU SANS MARQUEUR**
[72] ZHANG, DAVID YU, US
[72] KHODAKOV, DMITRIY A., US
[72] ZHANG, XUEMENG, US
[71] WILLIAM MARSH RICE UNIVERSITY, US
[85] 2021-03-09
[86] 2019-09-13 (PCT/US2019/051057)
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[25] EN
[54] **SYSTEMS AND METHODS FOR SELECTING A WORST SERVICE FIRST PRIORITY GRID TEST ROUTE PATH**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE SELECTIONNER UN PREMIER TRAJET D'ITINERAIRE DE TEST DE RESEAU PRIORITAIRE DE PIRE SERVICE**
[72] PAUL, SUMEET SINGH, US
[72] SALIGA, STEPHEN V., US
[71] PC-TEL, INC., US
[85] 2021-03-09
[86] 2020-08-10 (PCT/US2020/045679)
[87] (WO2021/030299)
[30] US (62/884,976) 2019-08-09
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[51] **Int.Cl. E04B 5/36 (2006.01) E04B 1/94 (2006.01) E04B 5/40 (2006.01)**
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[54] **BUILDING PANEL**
[54] **PANNEAU DE CONSTRUCTION**
[72] STRONG, ADAM, AU
[71] HCSL PTY LTD, AU
[85] 2021-03-10
[86] 2019-09-10 (PCT/AU2019/050969)
[87] (WO2020/051633)
[30] AU (2018903375) 2018-09-10

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[51] **Int.Cl. A61K 31/404 (2006.01) C07D 209/04 (2006.01)**
[25] EN
[54] **HDAC1,2 INHIBITORS**
[54] **INHIBITEURS DE HDAC1, 2**
[72] VAN DUZER, JOHN H., US
[72] MAZITSCHEK, RALPH, US
[72] BLUM, CHARLES, US
[71] REGENACY PHARMACEUTICALS, LLC, US
[85] 2021-03-09
[86] 2019-09-25 (PCT/US2019/052913)
[87] (WO2020/068950)
[30] US (62/736,281) 2018-09-25
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[51] **Int.Cl. G06F 21/32 (2013.01) G06Q 20/40 (2012.01) G06F 21/40 (2013.01) G06F 21/42 (2013.01)**
[25] EN
[54] **REMOTELY VERIFYING AN IDENTITY OF A PERSON**
[54] **VERIFICATION A DISTANCE D'UNE IDENTITE D'UNE PERSONNE**
[72] KARANTZIS, NICKOLAS JOHN, AU
[71] ISX IP LTD, VG
[85] 2021-03-10
[86] 2019-09-12 (PCT/AU2019/050981)
[87] (WO2020/051643)
[30] AU (2018903424) 2018-09-12
[30] AU (2018903492) 2018-09-17

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[51] **Int.Cl. H04W 16/18 (2009.01) H04W 16/00 (2009.01) H04W 16/20 (2009.01) G06T 19/00 (2011.01) H04B 17/19 (2015.01) H04B 17/00 (2015.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISPLAYING SUMMARY AND DETAILED INFORMATION REGARDING STRUCTURE TESTING RESULTS IN 2D AND 3D**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE D'INFORMATIONS RECAPITULATIVES ET DETAILLEES CONCERNANT DES RESULTATS DE TEST DE STRUCTURE EN 2D ET 3D**
[72] PAUL, SUMEET SINGH, US
[72] SALIGA, STEPHEN V., US
[72] ADAMS, DAVID, US
[71] PC-TEL, INC., US
[85] 2021-03-09
[86] 2020-08-10 (PCT/US2020/045682)
[87] (WO2021/026544)
[30] US (62/884,535) 2019-08-08
[30] US (16/988,824) 2020-08-10

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[51] **Int.Cl. B01L 3/00 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **METHODS FOR ASSAYING BINDING AFFINITY**
[54] **PROCEDE POUR ANALYSER L'AFFINITE D'UNE LIAISON**
[72] LEBEL, PAUL M., US
[72] LIONBERGER, TROY A., US
[72] CHAPMAN, KEVIN T., US
[71] BERKELEY LIGHTS, INC., US
[85] 2021-03-09
[86] 2019-09-13 (PCT/US2019/051129)
[87] (WO2020/056339)
[30] US (62/731,123) 2018-09-14

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[51] **Int.Cl. G06F 16/29 (2019.01) H04W 4/029 (2018.01) H04W 4/90 (2018.01) H04W 76/50 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RETRIEVING SPECIFIC AND ADJACENT STRUCTURE NETWORK MAPS IN REAL TIME**
[54] **SYSTEMES ET PROCEDES DE RECUPERATION DE CARTES DE RESEAU DE STRUCTURE SPECIFIQUES ET ADJACENTES EN TEMPS REEL**
[72] PAUL, SUMEET SINGH, US
[72] SALIGA, STEPHEN V., US
[72] FREIDINGER, FRITZ E., US
[71] PC-TEL, INC., US
[85] 2021-03-09
[86] 2020-08-10 (PCT/US2020/045683)
[87] (WO2021/030301)
[30] US (62/885,153) 2019-08-09
[30] US (16/988,946) 2020-08-10

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[13] A1
[51] **Int.Cl. E03D 11/18 (2006.01) E03D 1/06 (2006.01) E03D 1/07 (2006.01) E03D 1/08 (2006.01) E03D 1/18 (2006.01) E03D 1/22 (2006.01)**
[25] EN
[54] **PRESSURIZED TOILET**
[54] **TOILETTES SOUS PRESSION**
[72] JENSEN, ROBERT, US
[71] AS AMERICA, INC., US
[85] 2021-03-09
[86] 2019-09-27 (PCT/US2019/053347)
[87] (WO2020/069249)
[30] US (62/738,719) 2018-09-28

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[51] **Int.Cl. E04B 1/00 (2006.01) E04B 5/00 (2006.01) E04G 3/20 (2006.01)**
[25] EN
[54] **APARTMENT BALCONY**
[54] **BALCON D'APPARTEMENT**
[72] GILLESPIE, IAN, CA
[72] FELDMAN, ALEX J., CA
[72] STONE, ALEXANDER J., CA
[72] GIESBRECHT, BRIAN D., CA
[71] WESTBANK PROJECTS CORP., CA
[85] 2021-03-10
[86] 2018-10-30 (PCT/CA2018/051375)
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[51] **Int.Cl. A21C 3/02 (2006.01)**
[25] EN
[54] **DOUGH STRIP SHAPING MEMBER HAVING A CUTTING DEVICE**
[54] **ORGANE DE MOULAGE DE RUBAN DE PATE POURVUE D'UN DISPOSITIF DE COUPE**
[72] RAUCH, EDUARD, AT
[72] RADL, MARKUS, AT
[71] KONIG MASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2021-03-10
[86] 2019-09-11 (PCT/AT2019/060294)
[87] (WO2020/051611)
[30] AT (A 50771/2018) 2018-09-11

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[51] **Int.Cl. A61C 7/08 (2006.01) A61C 7/00 (2006.01)**
[25] EN
[54] **ALIGNER DAMAGE PREDICTION AND MITIGATION**
[54] **PREDICTION ET ATTENUATION DE DOMMAGES TOUCHANT UN DISPOSITIF D'ALIGNEMENT**
[72] WANG, YUXIANG, US
[72] TANUGULA, ROHIT, US
[72] SHIRAZI AGHJARI, REZA, US
[72] JANG, ANDREW, US
[72] LI, CHUNHUA, US
[72] SATO, JUN, US
[72] CAI, LUYAO, US
[72] MEDVINSKAYA, VIKTORIA, RU
[72] KUKK, ARNO, RU
[72] CHERKAS, ANDREY, RU
[72] AKOPOVA, ANNA, RU
[72] SU, KANGNING, US
[71] ALIGN TECHNOLOGY, INC., US
[85] 2021-03-09
[86] 2019-09-27 (PCT/US2019/053663)
[87] (WO2020/069446)
[30] US (62/737,458) 2018-09-27
[30] US (16/584,786) 2019-09-26
[30] US (16/584,788) 2019-09-26
[30] US (16/584,791) 2019-09-26
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[51] **Int.Cl. F17C 7/00 (2006.01) C10L 3/08 (2006.01) F17C 5/00 (2006.01) F17C 13/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING BIOGAS**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE BIOGAZ**
[72] FOODY, BRIAN, CA
[72] FOODY, PATRICK J., CA
[72] TOLAN, JEFFREY S., CA
[71] IOGEN CORPORATION, CA
[85] 2021-03-10
[86] 2019-08-23 (PCT/CA2019/000122)
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[30] US (62/724,485) 2018-08-29

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[51] **Int.Cl. C07D 211/34 (2006.01) A61K 31/445 (2006.01) A61K 31/4523 (2006.01) A61P 35/00 (2006.01) C07D 401/06 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **SMALL MOLECULE MENIN INHIBITORS**
[54] **INHIBITEURS DE MENINE A PETITES MOLECULES**
[72] WANG, SHAOMENG, US
[72] XU, SHILIN, US
[72] AGUILAR, ANGELO, US
[72] HUANG, LIYUE, US
[72] XU, TIANFENG, US
[72] ZHANG, MENG, US
[72] XU, RENQI, US
[72] XU, FUMING, US
[72] ZHOU, HAIBIN, US
[72] LIU, TAO, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[71] AGIOS PHARMACEUTICALS, INC., US
[85] 2021-03-09
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[87] (WO2020/072391)
[30] US (62/740,561) 2018-10-03
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[51] **Int.Cl. H02G 3/04 (2006.01) G01K 1/00 (2006.01)**
[25] EN
[54] **CABLE CONDUIT WITH INTEGRATED SENSORS**
[54] **CONDUIT DE CABLE A CAPTEURS INTEGRES**
[72] ELSER, PIERRE, CH
[72] SCHUSTER, PETER, CH
[72] MARET, YANNICK, CH
[72] VELTHUIS, RUDI, DE
[71] ABB SCHWEIZ AG, CH
[85] 2021-03-10
[86] 2019-08-29 (PCT/EP2019/073070)
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[30] EP (18193766.5) 2018-09-11

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[51] **Int.Cl. C12Q 1/6888 (2018.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR AMPLIFYING OR DETECTING VARICELLA-ZOSTER VIRUS**
[54] **COMPOSITIONS ET METHODES D'AMPLIFICATION OU DE DETECTION DU VIRUS VARICELLE-ZONA**
[72] CARVALLO PINTO, MARCELA ALEJANDRA, US
[72] HILLIUS, AMBER JEAN, US
[72] SHAH, ANKUR, US
[71] GEN-PROBE INCORPORATED, US
[85] 2021-03-09
[86] 2019-10-01 (PCT/US2019/053943)
[87] (WO2020/072409)
[30] US (62/739,571) 2018-10-01

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[51] **Int.Cl. H01L 31/055 (2014.01) B82Y 15/00 (2011.01)**
[25] EN
[54] **MULTIBANDGAP NANOCRYSTAL ENSEMBLES FOR SOLAR-MATCHED ENERGY HARVESTING**
[54] **ENSEMBLES DE NANOCRISTAUX A BANDES INTERDITES MULTIPLES DESTINES A LA COLLECTE D'ENERGIE A CORRESPONDANCE SOLAIRE**
[72] SUN, BIN, CA
[72] OUELETTE, OLIVIER, CA
[72] GARCIA DE ARQUER, F. PELAYO, CA
[72] HOOGLAND, SJOERD, CA
[72] SARGENT, EDWARD H., CA
[71] QD SOLAR INC., CA
[85] 2021-03-10
[86] 2019-09-10 (PCT/CA2019/051269)
[87] (WO2020/051687)
[30] US (62/728,912) 2018-09-10

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 1/16 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **METHODS OF TREATING INFLAMMATION**
[54] **PROCEDES DE TRAITEMENT D'UNE INFLAMMATION**
[72] ROBERT, REMY, AU
[72] MACKAY, CHARLES REAY, AU
[71] MONASH UNIVERSITY, AU
[85] 2021-03-10
[86] 2019-05-31 (PCT/AU2019/050561)
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[54] **SYSTEMES ET PROCEDES D'AUTHENTIFICATION CRYPTOGRAHIQUE DE CARTES SANS CONTACT**
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[72] RULE, JEFFREY, US
[72] MORETON, PAUL, US
[72] DUANE, WILLIAM, US
[72] HART, COLIN, US
[72] NEWMAN, KAITLIN, US
[72] MOSSLER, LARA, US
[72] HERRINGTON, DANIEL, US
[72] CHIGURUPATI, SRINIVASA, US
[72] PRINCE, IAN, GB
[72] LUTZ, WAYNE, US
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[54] **CONDUIT DE CABLE A CAPTEURS INTEGRES**
[72] ELSER, PIERRE, CH
[72] SCHUSTER, PETER, CH
[72] MARET, YANNICK, CH
[72] VELTHUIS, RUDI, DE
[71] ABB SCHWEIZ AG, CH
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[54] **SEALING IN HELICAL TROCHOIDAL ROTARY MACHINES**
[54] **ETANCHEITE DANS DES MACHINES ROTATIVES TROCHOIDALES HELICOIDALES**
[72] MONTIE, GREG JOHN, CA
[72] CALLAWAY, BRYAN ALLEN, US
[71] ROTOLIPTIC TECHNOLOGIES INCORPORATED, CA
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[54] **PROCESSUS ET INTERMEDIAIRES POUR LA PREPARATION DE CERTAINS SULFONAMIDES NEMATICIDES**
[72] CASALNUOVO, ALBERT LOREN, US
[72] WAGERLE, TY, US
[72] YAN, JUN, US
[72] DEMKO, ERIN, US
[72] OBERHOLZER, MATTHEW RICHARD, US
[72] SHAPIRO, RAFAEL, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **ADDITIVES FOR ELECTROLYTES IN LI-ION BATTERIES**
[54] **ADDITIFS POUR ELECTROLYTES DANS DES BATTERIES LI-ION**
[72] MALLET, CHARLOTTE, CA
[72] ROCHON, SYLVIANE, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
[71] MURATA MANUFACTURING CO., LTD., JP
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[54] **ORDINATEUR HYBRIDE QUANTIQUE-CLASSIQUE DESTINE A UN PROCEDE DE CLUSTER COUPLE VARIATIONNEL**
[72] CAO, YUDONG, US
[71] ZAPATA COMPUTING, INC., US
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[54] **PROCEDURE D'ACCES ALEATOIRE**
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[72] WU, CHUNLI, CN
[72] SEBIRE, BENOIST, JP
[71] NOKIA TECHNOLOGIES OY, FI
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[54] **DEVICES AND METHODS FOR CATHETER ALIGNMENT**
[54] **DISPOSITIFS ET PROCEDES D'ALIGNEMENT DE CATHETER**
[72] HUMBERT, SOPHIE, DE
[72] WIECZOREK, KATHARINA, DE
[72] NGUYEN, ANIKA, DE
[72] WENZEL, MARCUS, DE
[72] DEATON, DAVID HUGO, US
[72] MENGEL, TRENT MATTHEW, DE
[72] HETTEL, ROWAN OLUND, DE
[71] LIMFLOW GMBH, DE
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[54] **EQUIPEMENT DE MOULAGE**
[72] HAKONSEN, ARILD, NO
[72] LEDAL, RUNE, NO
[71] NORSK HYDRO ASA, NO
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[54] **DRUG DELIVERY DEVICE HAVING DAMPING MECHANISM**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT COMPRENANT UN MECANISME D'AMORTISSEMENT**
[72] MELANDER, MATIAS, US
[72] PEDERSEN, JAKOB HALKJAER, US
[72] PLAMBECH, CHRISTIAN, US
[72] MCCULLOUGH, ADAM B., US
[72] JAZAYERI, JULIAN, US
[71] AMGEN INC., US
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[54] **SYSTEMS AND METHODS FOR ASSESSING CARDIOVASCULAR DISEASE AND TREATMENT EFFECTIVENESS FROM ADIPOSE TISSUE**
[54] **SYSTEMES ET METHODES POUR EVALUER UNE MALADIE CARDIOVASCULAIRE ET UNE EFFICACITE DE TRAITEMENT A PARTIR D'UN TISSU ADIPEUX**
[72] RABBAT, MARK, US
[72] TAYLOR, CHARLES, US
[72] SCHAAP, MICHIEL, US
[72] FONTE, TIMOTHY, US
[72] GRADY, LEO, US
[71] HEARTFLOW, INC., US
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[54] **COMPOSITION DE POLYETHYLENE POUR FILMS**
[72] MEIER, GERHARDUS, US
[72] SCHUELLER, ULF, DE
[72] MAUS, ANDREAS, DE
[72] MAVRIDIS, HARILAOS, US
[71] BASELL POLYOLEFINE GMBH, DE
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[54] **SYSTEME DE SOMMEIL EN COUCHES**
[72] OSWALD, CHRISTOPHER ALLAN, CA
[71] ACTIVE AND INNOVATIVE INC., CA
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[54] **MULTI-LEVEL AFT-FACING SEATING FOR A BOAT**
[54] **SIEGE ORIENTE VERS L'ARRIERE A PLUSIEURS NIVEAUX POUR UN BATEAU**
[72] EKERN, DAVID F., US
[72] VIEIRA, DANIEL P., US
[72] UGGERI, MICHAEL J., US
[72] MYERS, MICHAEL D., US
[71] MASTERCRAFT BOAT COMPANY, LLC, US
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[54] **EDIBLE PET CHEWS AND METHODS OF FORMING THE SAME**
[54] **ARTICLES A MACHER COMESTIBLES POUR ANIMAUX DE COMPAGNIE ET LEURS PROCEDES DE FABRICATION**
[72] AXELROD, GLEN S., US
[71] IMS TRADING, LLC, US
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[54] **SELF-USE OSCILLOMETRY DEVICE**
[54] **DISPOSITIF D'OSCILLOMETRIE A USAGE PERSONNEL**
[72] SCHUESSLER, THOMAS FLORIAN, CA
[72] CHOW SUN FAT, KIM FUR, CA
[72] POSADA ESTEFAN, LUCAS, CA
[72] DRAPEAU, GUY, CA
[72] JUTRAS, SEBASTIEN, CA
[72] CHICATUN, FLORENCIA, CA
[71] THORASYS THORACIC MEDICAL SYSTEMS INC., CA
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[54] **SYSTEM FOR SENSING AND CONTROLING A BED ENVIRONMENT**
[54] **SYSTEME DE DETECTION ET DE COMMANDE D'UN ENVIRONNEMENT DE LIT**
[72] DEMIRLI, RAMAZAN, US
[72] SAYADI, OMID, US
[71] SLEEP NUMBER CORPORATION, US
[85] 2021-03-09
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[54] **FLOOR PANEL COMPRISING A CERAMIC MATERIAL OR A NATURAL STONE**
[54] **PANNEAU DE PLANCHER COMPRENANT UN MATERIAU CERAMIQUE OU UNE PIERRE NATURELLE**
[72] BAERT, THOMAS LUC MARTINE, BE
[72] VAN POYER, TOM, CN
[72] BOON, SVEN, CN
[71] CHAMPION LINK INTERNATIONAL CORPORATION, AI
[71] BAERT, THOMAS LUC MARTINE, BE
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[54] **SYSTEM AND METHOD FOR IN SITU RECOVERY BY FORMING A CONTAINMENT AROUND AN ORE BODY AND PROCESSING OF RECOVERED SOLUTIONS**
[54] **SYSTEME ET PROCEDE DE RECUPERATION IN SITU PAR FORMATION D'UN CONFINEMENT AUTOUR D'UN GISEMENT DE MINERAI ET TRAITEMENT DE SOLUTIONS RECUPEREES**
[72] LONGO, PETER, CA
[72] SORBA, CHAD ANTHONY, CA
[72] NEWMAN, GREG P., CA
[72] NEWMAN, GREG P., CA
[72] HUBELE, WESTON GARRETT, US
[72] GRAVES, DOUGLASS HOWARD, US
[72] PILE, BRIAN MICHAEL, US
[72] BERNARD, DANY, CA
[72] DEBUSSCHERE, SANDY, CA
[72] BROWN, CHARITY, CA
[72] LISCHKA, LONNIE, CA
[71] DENISON MINES CORP., CA
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[54] **SYSTEMS AND METHODS FOR SECURELY SHARING DATA SETS WITH ADJACENT ENTITIES**
[54] **SYSTEMES ET PROCEDES DE PARTAGE SECURISE D'ENSEMBLE DE DONNEES AVEC DES ENTITES ADJACENTES**
[72] PAUL, SUMEET SINGH, US
[72] SALIGA, STEPHEN V., US
[71] PC-TEL, INC., US
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[54] **PEPTIDES CYCLIQUES COURTS POUR LE TRAITEMENT DE LA MALADIE DE GRAVES**
[72] FASSBENDER, JULIA, DE
[72] HOLTHOFF, HANS-PETER, DE
[72] LI, ZHONGMIN, DE
[72] UNGERER, MARTIN, DE
[71] ADVANCECOR GMBH, DE
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[54] **PROCEDE ET DISPOSITIF DE PREDICTION DE VECTEURS DE MOUVEMENT SUR LA BASE D'UN MODELE DE MOUVEMENT AFFINE**
[72] CHEN, HUANBANG, CN
[72] YANG, HAITAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2021-03-10
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[25] EN
[54] **CONTROLLED RELEASE FORMULATIONS IN DELIVERY DEVICES**
[54] **FORMULATIONS A LIBERATION CONTROLEE DANS DES DISPOSITIFS DE DISTRIBUTION**
[72] GILL, DAVID ANTHONY, NZ
[72] MORROW, DESMOND IAN JOHN, NZ
[72] VENNING, MICHAEL, NZ
[71] ARGENTA INNOVATION LIMITED, NZ
[85] 2021-03-09
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[54] **ANALYSE D'ETAT D'UN MATERIEL ELECTRIQUE**
[72] WINKELMANN, ERIK, DE
[71] MASCHINENFABRIK REINHAUSEN GMBH, DE
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[25] EN
[54] **PROCESS AND SYSTEM FOR REMOVING HYDROGEN SULFIDE FROM SOUR WATER**
[54] **MATERIAUX ET PROCEDES D'ELIMINATION DE SULFURE D'HYDROGENE PROVENANT DE L'EAU ACIDE**
[72] HOLOWATUK, SWADE, CA
[72] KERGAN, BRIAN GEORGE (DECEASED), CA
[72] WILSON, KEN DONALD, CA
[72] JONES, MICHAEL STUART, CA
[71] HOLOWATUK, SWADE, CA
[71] KERGAN, BRIAN GEORGE (DECEASED), CA
[71] WILSON, KEN DONALD, CA
[71] JONES, MICHAEL STUART, CA
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[54] **PLATEFORME DE SIMULATION DE MOUVEMENT MONTEE SUR VEHICULE ET BASEE SUR UNE SUSPENSION ACTIVE ET SON PROCEDE DE COMMANDE**
[72] ZHAO, DINGXUAN, CN
[72] LIU, SHUANG, CN
[72] GONG, MINGDE, CN
[72] SUN, ZHIGUO, CN
[72] ZHANG, ZHUXIN, CN
[72] NI, TAO, CN
[72] YANG, BIN, CN
[72] GUO, QINGHE, CN
[72] YANG, MENGKE, CN
[71] YANSHAN UNIVERSITY, CN
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[25] EN
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[54] **CODEUR, DECODEUR ET PROCEDES CORRESPONDANTS POUR UN MODE DE FUSION**
[72] SOLOVYEV, TIMOFEY MIKHAILOVICH, CN
[72] ESENLIK, SEMIH, DE
[72] CHEN, JIANLE, US
[72] KOTRA, ANAND MEHER, DE
[72] WANG, BIAO, DE
[72] GAO, HAN, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **SYSTEM AND METHOD FOR ESTIMATION AND CONTROL OF COMPLIANCE AND PRESSURE/VOLUME VARIATIONS WITHIN A BODY CAVITY**
[54] **SYSTEME ET PROCEDE D'ESTIMATION ET DE CONTROLE DE LA CONFORMITE ET DES VARIATIONS DE PRESSION/VOLUME A L'INTERIEUR D'UNE CAVITE CORPORELLE**
[72] KORSHOJ, ROSENDAL ANDERS, DK
[72] LARSEN, PETER GORM, DK
[72] JOHANSEN, PETER, DK
[72] NILSSON, SONDERGAARD RENE, DK
[71] AARHUS UNIVERSITET, DK
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[54] **METHOD FOR IDENTIFYING AND CHARACTERIZING A CONDENSATE ENTRAINED WITHIN A FLUID**
[54] **PROCEDE D'IDENTIFICATION ET DE CARACTERISATION D'UN CONDENSAT ENTRAINE DANS UN FLUIDE**
[72] MOHR, CHARLES L., US
[72] MOHR, BRANDT C., US
[72] COTTAM, ANTHONY, US
[72] MAY, PRESTON, US
[72] KENNY, DANIEL, US
[72] RAUSCH, WILLIAM, US
[72] HURLEY, DAVID, US
[72] NGUYEN, DUAN, US
[72] DAWES, KEVIN, US
[72] VON REIS, ERIK, US
[72] MULKEY, CHRISTOPHER, US
[72] SAMS, RYAN, US
[72] MOHR, BENNO, US
[72] STORDAHL, MICHAEL, US
[71] MOHR AND ASSOCIATES, A SOLE PROPRIETORSHIP, US
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[54] **DISPOSITIF DE POSITIONNEMENT RELATIF DES MACHOIRES INFERIEURE ET SUPERIEURE D'UN SUJET**
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[71] ONIRIS, FR
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[54] **SYSTEMS AND METHODS FOR ELECTROSTATIC ACCELERATOR DRIVEN NEUTRON GENERATION FOR A LIQUID-PHASE BASED TRANSMUTATION**
[54] **SYSTEMES ET PROCEDES DE GENERATION DE NEUTRONS A L'AIDE D'UN ACCELERATEUR ELECTROSTATIQUE POUR TRANSMUTATION DE PHASE LIQUIDE**
[72] TAJIMA, TOSHIKI, US
[72] BINDERBUAER, MICHL W., US
[72] NECAS, ALES, US
[71] TAE TECHNOLOGIES, INC., US
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[54] **STRUCTURAL MATERIALS**
[54] **MATERIAUX STRUCTURAUX**
[72] BLADD-SYMMS, PETER, GB
[72] TITLEY, MICHAEL, GB
[71] PAUA TRADING LIMITED, GB
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[54] **METHODS FOR TREATING PANCREATITIS**
[54] **METHODES DE TRAITEMENT DE LA PANCREATITE**
[72] ENGLE, DANNIELLE D., US
[72] TUVESON, DAVID A., US
[71] COLD SPRING HARBOR LABORATORY, US
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[54] **DISPOSITIF D'INJECTION**
[72] CLARKE, CHRISTOPHER JOHN, GB
[72] CORRIGAN, JOSEPH PETER, GB
[71] NORTON HEALTHCARE LIMITED, GB
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[54] **METHOD AND DEVICE FOR CONTROLLING A PRODUCTION SYSTEM FOR PLANAR OR STRAND-SHAPED BODIES**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE D'UNE INSTALLATION DE PRODUCTION DE CORPS EN FORME DE PLAQUES OU DE TORONS**
[72] SIKORA, HARALD, DE
[72] SCHALICH, CHRISTIAN, DE
[71] SIKORA AG, DE
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[54] **A METHOD FOR INDUCTION OF PLANT GROWTH IN A GREENHOUSE**
[54] **PROCEDE DE STIMULATION DE LA CROISSANCE DE PLANTES DANS UNE SERRE**
[72] BOERMAN, JAN-KEES, NL
[72] BOERMAN, CORSTIAN, NL
[71] ENVIRONMENTAL MONITORING SYSTEMS (EMS) B.V., NL
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[54] **BEET NECROTIC YELLOW VEIN VIRUS (BNYVV)-RESISTANCE MODIFYING GENE**
[54] **GENE MODIFIANT LA RESISTANCE VIS-A-VIS DU VIRUS DES NERVURES JAUNISSANTES NECROTIQUES DE LA BETTERAVE (BNYVV)**
[72] MUNNEKHOFF, ANN-KATRIN, DE
[72] SCHULZ, BRITTA, DE
[72] STIRNWEIS, DANIEL FABIAN, DE
[72] TORJEK, OTTO, DE
[72] BORCHARDT, DIETRICH, DE
[71] KWS SAAT SE & CO. KGAA, DE
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[54] **COMPUTING SYSTEM PROVIDING SAAS APPLICATION ACCESS WITH DIFFERENT CAPABILITIES BASED UPON USER PERSONAS**
[54] **SYSTEME INFORMATIQUE FOURNISSANT UN ACCES A UNE APPLICATION SAAS AYANT DIFFERENTES CAPACITES SUR LA BASE DI IDENTITES DE L'UTILISATEUR**
[72] VAN ROTTERDAM, JEROEN, US
[72] MOMCHILOV, GEORGY, US
[71] CITRIX SYSTEMS, INC., US
[85] 2021-03-10
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[54] **HERBICIDAL OIL DISPERSION AND METHOD**
[54] **DISPERSION D'HUILE HERBICIDE ET PROCEDE**
[72] BAATH, BHUPINDER, US
[72] BENNETT, STEPHEN CRAIG, US
[72] ZHANG, HONG, US
[72] SECKINGER, CARLTON STEPHEN, US
[71] ARYSTA LIFESCIENCE INC., US
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[54] **METHODS OF USE OF ULTRA HIGH CAPACITY PERFORMANCE BATTERY CELL**
[54] **PROCEDES D'UTILISATION D'ELEMENT DE BATTERIE A PERFORMANCE DE CAPACITE ULTRA-ELEVEE**
[72] JOHNSON, PAIGE L., US
[71] HHELI, LLC, US
[85] 2021-03-10
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[54] **ELECTRICAL CONNECTOR AND WIRE HARNESS ASSEMBLY WITH COMPRESSION CONTACTS**
[54] **CONNECTEUR ELECTRIQUE ET ENSEMBLE FAISCEAU DE FILS AVEC CONTACTS DE COMPRESSION**
[72] YI, CHONG HUN, US
[72] WEAVER, BRIAN KEITH, US
[72] MOYER, WILLIAM JAMES II, US
[72] SKOVIRA, RONALD, US
[72] ALTEMOSE, GARY, US
[72] EMENHEISER, RICHARD BENJAMIN, US
[72] ANNISS, WILLIAM THOMAS III, US
[72] GRANT, WILLARD, US
[72] BARRIOS, RAONY, US
[72] SMALL, WILLIAM L., US
[72] MACHADO, MARCELLO CORREA, US
[72] MCCOLLOUGH, THOMAS W., US
[72] ROUSEY, CHRISTOPHER STEPHAN, US
[72] ASTLE, ROBERT, US
[72] LAURI, GEORGE NICHOLAS III, US
[72] SUBRAMANIAN, RAMESH, US
[71] TE CONNECTIVITY CORPORATION, US
[71] ELECTROLUX HOME PRODUCTS, INC., US
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[54] **INTERFERON PATHWAY GENES REGULATE AND PREDICT EFFICACY OF IMMUNOTHERAPY**
[54] **GENES DE LA VOIE DE SIGNALISATION INTERFERON REGULANT ET PREDISANT L'EFFICACITE DE L'IMMUNOTHERAPIE**
[72] MINN, ANDY J., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **CLOSTRIDIAL TOXIN - HYALURONIC ACID COMPOSITIONS**
[54] **COMPOSITIONS DE TOXINE CLOSTRIDIALE ET D'ACIDE HYALURONIQUE**
[72] WU, CINDY, US
[72] CUNNINGHAM, JAMES, US
[72] DO, MARIANNE, US
[72] BROIDE, RON, US
[71] ALLERGAN, INC., US
[85] 2021-03-09
[86] 2019-09-13 (PCT/US2019/051173)
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[54] **SYSTEM AND METHOD FOR IMPLEMENTING TRANSACTION PROCESSING ECOSYSTEMS**
[54] **SYSTEME ET PROCEDE DE MISE EN □UVRE D'ECOSYSTEMES DE TRAITEMENT DE TRANSACTIONS**
[72] HUNDLING, CHRIS, US
[72] SAPONARA, STEPHEN, US
[72] WINN, MATT, US
[72] WILSON, SCOTT, US
[72] TEIXEIRA, ANNE K., US
[72] CHAUHAN, ROHIT SINGH, US
[72] SCHNELKER, CLAYTON, US
[71] JPMORGAN CHASE BANK, N.A., US
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[54] **COMBINATION THERAPY FOR THE TREATMENT OF PROSTATE CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER DE LA PROSTATE**
[72] ATTWELL, SARAH CHRISTINE, CA
[72] CAMPEAU, ERIC, CA
[72] LAKHOTIA, SANJAY, US
[71] ZENITH EPIGENETICS LTD., CA
[85] 2021-03-10
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[30] US (62/730,869) 2018-09-13
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[51] **Int.Cl. E21B 17/02 (2006.01) H01R 13/52 (2006.01) H01R 13/533 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR SEALING MOTOR LEAD EXTENSIONS**
[54] **SYSTEMES ET PROCEDES POUR L'ETANCHEITE D'EXTENSIONS DE CONDUCTEURS DE MOTEUR**
[72] GOLBERG, ILYA, US
[71] BAKER HUGHES HOLDINGS LLC, US
[85] 2021-03-09
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[51] **Int.Cl. C12N 15/67 (2006.01) A61K 48/00 (2006.01)**
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[54] **POLYNUCLEOTIDES ENCODING URIDINE DIPHOSPHATE GLYCOSYLTRANSFERASE 1 FAMILY, POLYPEPTIDE A1 FOR THE TREATMENT OF CRIGLER-NAJJAR SYNDROME**
[54] **POLYNUCLEOTIDES CODANT POUR LE POLYPEPTIDE A1, DE LA FAMILLE DE L'URIDINE DIPHOSPHATE GLYCOSYLTRANSFERASE 1, POUR LE TRAITEMENT DU SYNDROME DE CRIGLER-NAJJAR**
[72] MARTINI, PAOLO G.V., US
[72] PRESNYAK, VLADIMIR, US
[71] MODERNATX, INC., US
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[86] 2019-09-13 (PCT/US2019/050988)
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[54] **HOMOPOLAR LINEAR SYNCHRONOUS MACHINE**
[54] **MACHINE SYNCHRONE LINEAIRE HOMOPOLAIRE**
[72] JEDINGER, ALEXANDER, US
[72] GHARAKHANI SIRAKI, ARBI, US
[72] JOHNSON, ERIK, US
[72] BEIZAEE, SHAHRIYAR, US
[72] OZER, RACHEL, US
[72] KIM, JU HYUNG, US
[71] HYPERLOOP TECHNOLOGIES, INC., US
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[51] **Int.Cl. H01L 31/0468 (2014.01) H01L 33/42 (2010.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MULTILAYER TRANSPARENT ELECTRODE FOR TRANSPARENT PHOTOVOLTAIC DEVICES**
[54] **PROCEDE ET SYSTEME POUR ELECTRODE TRANSPARENTE MULTICOUCHE DESTINEE A DES DISPOSITIFS PHOTOVOLTAIQUES TRANSPARENTS**
[72] BARR, MILES C., US
[72] PANDEY, RICHA, US
[72] SYKES, MATTHEW E., US
[72] LOVE, JOHN A., US
[72] FLORES, GABRIEL A., US
[71] UBIQUITOUS ENERGY, INC., US
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[51] **Int.Cl. B60L 7/00 (2006.01)**
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[54] **AI-CONTROLLED MULTI-CHANNEL POWER DIVIDER / COMBINER FOR A POWER-SPLIT SERIES ELECTRIC HYBRID HEAVY VEHICLE**
[54] **DIVISEUR/ COMBINATEUR DE PUISSANCE MULTICANAL COMMANDE EN IA POUR UN VEHICULE LOURD HYBRIDE ELECTRIQUE DE SERIE A DIVISION DE PUISSANCE**
[72] BOWMAN, JAY, US
[72] VICHNYAKOV, VLAD, US
[72] BOWMAN, ANDREW, US
[71] EPOWER ENGINE SYSTEMS INC, US
[85] 2021-03-10
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[51] **Int.Cl. B60G 17/018 (2006.01)**
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[54] **IN-VEHICLE STABLE PLATFORM SYSTEM EMPLOYING ACTIVE SUSPENSION AND CONTROL METHOD THEREOF**
[54] **SYSTEME DE PLATEFORME STABLE EMBARQUEE UTILISANT UNE SUSPENSION ACTIVE ET SON PROCEDE DE COMMANDE**
[72] ZHAO, DINGXUAN, CN
[72] GONG, MINGDE, CN
[72] LIU, SHUANG, CN
[72] SUN, ZHIGUO, CN
[72] ZHANG, ZHUXIN, CN
[72] YANG, BIN, CN
[72] NI, TAO, CN
[72] GUO, QINGHE, CN
[72] YANG, MENGKE, CN
[71] YANSHAN UNIVERSITY, CN
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[86] 2019-08-01 (PCT/CN2019/098906)
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[30] CN (201811051382.5) 2018-09-10
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[51] **Int.Cl. B60L 15/20 (2006.01) B60K 6/547 (2007.10) B60L 50/60 (2019.01) F16H 33/02 (2006.01) F16H 61/32 (2006.01) H02K 7/00 (2006.01) H02K 7/116 (2006.01)**
[25] EN
[54] **CONTROL OF CLUTCHLESS VEHICLE ELECTRONIC SHIFT TRANSMISSIONS OPERATING AS BI-DIRECTIONAL POWER TRANSFER DEVICES**
[54] **COMMANDE DE TRANSMISSIONS DE VEHICULE A CHANGEMENT T DE RAPPORT ELECTRONIQUE SANS EMBRAYAGE FONCTIONNANT EN TANT QUE DISPOSITIFS DE TRANSFERT DE PUISSANCE BIDIRECTIONNELS**
[72] BOWMAN, JAY, US
[72] BOWMAN, ANDREW, US
[71] EPOWER ENGINE SYSTEMS INC, US
[85] 2021-03-10
[86] 2019-09-20 (PCT/US2019/052133)
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[51] **Int.Cl. C07H 21/04 (2006.01) C12N 15/09 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DETECTION OF HPV DNA AND DIAGNOSIS AND MONITORING HPV-ASSOCIATED CANCERS**
[54] **PROCEDES ET COMPOSITIONS POUR LA DETECTION D'ADN DE VPH ET LE DIAGNOSTIC ET LA SURVEILLANCE DE CANCERS ASSOCIES AU VPH**
[72] HIGGINSON, DANIEL SMITH, US
[72] DAMERLA, RAMA RAO, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2021-03-09
[86] 2019-09-10 (PCT/US2019/050365)
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[51] **Int.Cl. A61K 31/422 (2006.01) A61K 31/4245 (2006.01) A61K 31/428 (2006.01)**
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[54] **FARNESOID X RECEPTOR AGONISTS AND USES THEREOF**
[54] **AGONISTES DU RECEPTEUR FARNESOIDE X ET LEURS UTILISATIONS**
[72] SMITH, NICHOLAS D., US
[72] GOVEK, STEVEN P., US
[72] DOUGLAS, KARENSA L., US
[72] LAI, ANDILIY G., US
[71] METACRINE, INC., US
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[87] (WO2020/061113)
[30] US (62/733,004) 2018-09-18
[30] US (62/733,006) 2018-09-18
[30] US (62/881,560) 2019-08-01

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[25] EN
[54] **FARNESOID X RECEPTOR AGONISTS FOR THE TREATMENT OF DISEASE**
[54] **AGONISTES DU RECEPTEUR FARNESOIDE X POUR LE TRAITEMENT D'UNE MALADIE**
[72] SONG, KENNETH, US
[72] CHEN, HUBERT, US
[72] WAGNER, BRANDEE, US
[72] SMITH, NICHOLAS D., US
[71] METACRINE, INC., US
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[51] **Int.Cl. B60G 17/018 (2006.01)**
[25] EN
[54] **INERTIAL REGULATION ACTIVE SUSPENSION SYSTEM BASED ON VEHICLE POSTURE DEVIATION, AND CONTROL METHOD THEREOF**
[54] **SYSTEME DE SUSPENSION ACTIVE DE REGULATION INERTIELLE REPOSANT SUR UNE DEVIATION DE POSITION DE VEHICULE ET PROCEDE DE COMMANDE ASSOCIE**
[72] ZHAO, DINGXUAN, CN
[72] GONG, MINGDE, CN
[72] LIU, SHUANG, CN
[72] ZHANG, ZHUXIN, CN
[72] SUN, ZHIGUO, CN
[72] YANG, BIN, CN
[72] NI, TAO, CN
[72] GUO, QINGHE, CN
[72] YANG, MENGKE, CN
[71] YANSHAN UNIVERSITY, CN
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTING AND TREATING ATHEROSCLEROSIS AND RELATED DISEASES**
[54] **METHODE ET COMPOSITION DESTINEES A LA PREVENTION ET AU TRAITEMENT DE L'ATHEROSCLEROSE ET DE MALADIES ASSOCIEES**
[72] ZHANG, YINGHAO, CN
[72] YAN, GUIRUI, CN
[72] WANG, YAO, CN
[72] FU, JINGPENG, CN
[71] SHANGHAI CLEAR FLUID BIOMEDICAL SCIENCE & TECHNOLOGY CO., LTD., CN
[85] 2021-03-10
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[54] **METHOD OF PROVIDING HOMOGENEOUS AQUEOUS POLYACRYLAMIDE CONCENTRATES AND USE THEREOF**
[54] **PROCEDE DE FOURNITURE DE CONCENTRES DE POLYACRYLAMIDE AQUEUX HOMOGENES ET LEUR UTILISATION**
[72] EL-TOUFAILI, FAISSAL-ALI, DE
[72] LOESCH, DENNIS, DE
[72] SCHMIDT, ANNA-CORINA, DE
[72] ZIMMERMANN, TOBIAS JOACHIM, DE
[72] OSTERMAYR, MARKUS, DE
[72] TINSLEY, JACK, US
[72] BUSBY, BRENT, US
[72] BARRERA-MEDRANO, DANIEL, DE
[71] BASF SE, DE
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[25] EN
[54] **PROCESS FOR THE PREPARATION EXO-TERT-BUTYL N-(3-AZABICYCLO[3.2.1]OCTAN-8-YL)CARBAMATE**
[54] **PROCEDE DE PREPARATION D'EXO-TERT-BUTYL N-(3-AZABICYCLO[3.2.1]OCTAN-8-YL)CARBAMATE**
[72] CHEN, WEICHUN, CN
[72] ZHANG, GUOCAI, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **COMMUNICATION METHOD AND APPARATUS, AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE ET APPAREIL DE COMMUNICATION, ET SUPPORT DE STOCKAGE INFORMATIQUE**
[72] YOU, CHUNHUA, CN
[72] FAN, QIANG, CN
[72] HUANG, QUFANG, CN
[72] ZHAO, LI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **NEW CONJUGATES OF MONTELUKAST AND PEPTIDES**
[54] **NOUVEAUX CONJUGUES DE MONTELUKAST ET DE PEPTIDES**
[72] SAMUELSSON, BENGT INGEMAR, SE
[72] GU, MING, CN
[71] JIANGYIN USUN PHARMACEUTICAL CO., LTD., CN
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[54] **COMBINATION OF ENZASTAURIN AND INHIBITORS OF BTK AND USES THEREOF**
[54] **COMBINAISON D'ENZASTAURINE ET D'INHIBITEURS DE BTK ET UTILISATIONS ASSOCIEES**
[72] SONG, YUQIN, CN
[72] HE, YIZI, CN
[72] XIE, YAN, CN
[72] ZHU, JUN, CN
[72] PING, LINGYAN, CN
[72] LUO, WEN, US
[72] SUN, HONG, US
[71] DENOVO BIOPHARMA LLC, US
[85] 2021-03-10
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[54] **AERIAL DRONE DEPLOYED NON-DESTRUCTIVE EVALUATION SCANNER**
[54] **SCANNER D'EVALUATION NON DESTRUCTIVE DEPLOYE PAR DRONE AERIEN**
[72] DORSEY, HARVEY ALAN, US
[71] SCANTECH INSTRUMENTS, INC., US
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[25] EN
[54] **SPECIAL EFFECTS COMMUNICATION TECHNIQUES**
[54] **TECHNIQUES DE COMMUNICATION A EFFETS SPECIAUX**
[72] VAMOS, CLARISSE MARIE, US
[72] BENN, BRADFORD ROSS, US
[72] HAYNES, GRACE CATHERYN, US
[72] PAUL, RYAN MICHAEL, US
[72] HARE, JUSTIN ALLEN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2021-03-10
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[25] EN
[54] **CLEANING OF A RECOVERY BOILER**
[54] **NETTOYAGE D'UNE CHAUDIERE DE RECUPERATION**
[72] KARJUNEN, TIMO, FI
[71] VARO TEOLLISUUSPALVELUT OY, FI
[85] 2021-03-10
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[25] EN
[54] **METHODS FOR MAKING SUPPORTED CHROMIUM CATALYSTS WITH INCREASED POLYMERIZATION ACTIVITY**
[54] **PROCEDES DE FABRICATION DE CATALYSEURS AU CHROME SUPPORTE AYANT UNE ACTIVITE DE POLYMERISATION ACCRUE**
[72] MCDANIEL, MAX P., US
[72] CLEAR, KATHY S., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2021-03-10
[86] 2019-09-19 (PCT/US2019/051809)
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[51] **Int.Cl. B01D 61/02 (2006.01) B01D 71/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONCENTRATING FLUID COMPONENTS VIA DISTILLATION AND MEMBRANE FILTRATION**
[54] **SYSTEMES ET PROCEDES DE CONCENTRATION DE CONSTITUANTS DE FLUIDE PAR DISTILLATION ET FILTRATION SUR MEMBRANE**
[72] KELLER, BRENT, US
[71] VIA SEPARATIONS, INC., US
[85] 2021-03-10
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[54] **NOVEL CANCER ANTIGENS AND METHODS**
[54] **NOUVEAUX ANTIGENES DE CANCER ET METHODES**
[72] KASSIOTIS, GEORGE, GB
[72] YOUNG, GEORGE, GB
[72] ATTIG, JAN, GB
[72] SNIJDERS, BRAM, GB
[72] PERKINS, DAVID, GB
[72] MARINO, FABIO, GB
[72] TERNETTE, NICOLA, GB
[71] THE FRANCIS CRICK INSTITUTE LIMITED, GB
[71] ENARA BIO LIMITED, GB
[85] 2021-03-10
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[25] EN
[54] **CLEANING AGENT FOR REMOVAL OF FOULING DEPOSITS FROM METAL SURFACES**
[54] **AGENT DE NETTOYAGE PERMETTANT L'ELIMINATION DE DEPOTS D'ENCRASSEMENT DE SURFACES METALLIQUES**
[72] FELIPE, MARY JANE LEGASPI, US
[72] PIFER, MONTGOMERY, US
[72] PONNAPATI, RAMAKRISHNA, US
[72] MANGADLAO, JOEY DACULA, PH
[72] TAGLIONE, ANTHONY, US
[72] FULMER, DAVID N., US
[72] HARTRANFT, SARA, US
[71] BAKER HUGHES HOLDINGS LLC, US
[85] 2021-03-10
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[54] **A SENSOR WITH A CONNECTION TO A STRETCHABLE WIRING**
[54] **CAPTEUR AVEC CONNEXION A UN CABLAGE EXTENSIBLE**
[72] ISO-KETOLA, PEKKA, FI
[72] KAKKONEN, LARI, FI
[72] LIIMATTA, TONI, FI
[72] LAHDESMAKI, SEPPO, FI
[72] MAKIRANTA, ANNE, FI
[71] FORCIOT OY, FI
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[25] EN
[54] **COMPOSITE RADIAL-ANGULAR CLUSTERING OF A LARGE-SCALE SOCIAL GRAPH**
[54] **GROUPEMENT RADIAL-ANGULAIRE COMPOSITE D'UN GRAPHE SOCIAL A GRANDE ECHELLE**
[72] HANKINSON, STEPHEN JAMES FREDERIC, CA
[71] AFFINIO INC., CA
[85] 2021-03-10
[86] 2018-09-13 (PCT/IB2018/057019)
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[54] **PRESSURE-CONTROLLED DOUGH-ROUNDING DEVICE**
[54] **DISPOSITIF DE TRESSAGE CIRCULAIRE DE PATE COMMANDE EN PRESSION**
[72] RAUCH, EDUARD, AT
[72] STELZER, HANNES, AT
[71] KONIG MASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2021-03-11
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[30] AT (A50773/2018) 2018-09-11

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[51] **Int.Cl. C07D 213/71 (2006.01) C07D 213/56 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING THE COMPOUND 2,2-DIFLUORO-N-((1R,2S)-3-FLUORO-1-HYDROXY-1-(4-(6-(S-METHYLSULFONIMIDOYL)PYRIDIN-3-YL)PHENYL)PROPAN-2-YL)ACETAMIDE**
[54] **PROCEDE DE PREPARATION DU COMPOSE 2,2-DIFLUORO-N-((1R,2S)-3-FLUORO-1-HYDROXY-1-(4-(6-(S-METHYLSULFONIMIDOYL)PYRIDIN-3-YL)PHENYL)PROPAN-2-YL)ACETAMIDE**
[72] DEJONG, RANDALL LEE, US
[72] KARRICK, GREGORY LEE, US
[72] STUK, TIMOTHY LEE, US
[71] ZOETIS SERVICES LLC, US
[85] 2021-03-10
[86] 2019-09-23 (PCT/US2019/052336)
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[25] EN
[54] **STEAM/HOT WATER DEVICE MONITORING**
[54] **SURVEILLANCE DE DISPOSITIF A VAPEUR/A EAU CHAUDE**
[72] RUSSELL, SHANE, US
[72] HORTON, WILLIAM R., US
[72] LEGGETT, GLENN T., US
[72] CARTER, ROBERT E., US
[71] ARMSTRONG INTERNATIONAL, INC., US
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[86] 2019-09-24 (PCT/US2019/052581)
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[30] US (62/735,601) 2018-09-24
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[51] **Int.Cl. G16Z 99/00 (2019.01) H04W 4/02 (2018.01) H04W 4/30 (2018.01)**
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[54] **SYSTEM AND METHOD FOR GENERATING FLOOR PLANS USING USER DEVICE SENSORS**
[54] **SYSTEME ET PROCEDE DE GENERATION DE PLANS D'ETAGE AU MOYEN DE CAPTEURS DE DISPOSITIF UTILISATEUR**
[72] LEWIS, JEFFERY D., US
[72] TALOR, JEFFREY C., US
[71] GEOMNI, INC., US
[85] 2021-03-10
[86] 2019-09-24 (PCT/US2019/052670)
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[30] US (62/735,260) 2018-09-24

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[25] EN
[54] **HERBICIDE-RESISTANT CAMELINA SATIVA PLANTS, AND VARIANT CAMELINA ACETOHYDROXYACID SYNTHASE POLYPEPTIDES**
[54] **PLANTES DE CAMELINA SATIVA RESISTANTES AUX HERBICIDES ET POLYPEPTIDES VARIANTS D'ACETOHYDROXYACIDE SYNTHASE DE CAMELINE**
[72] PUTTICK, DEBBIE, CA
[72] EYNCK, CHRISTINA, CA
[72] GRUSHCOW, JACK, CA
[72] CSUMRIK, DAVID, CA
[71] SMART EARTH CAMELINA CORP., CA
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[51] **Int.Cl. A61K 8/66 (2006.01) A61Q 19/06 (2006.01)**
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[54] **COMPOSITIONS AND METHODS FOR TREATING CELLULITE**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE LA CELLULITE**
[72] MCLANE, MICHAEL, US
[72] DAVIS, MATTHEW W., US
[71] ENDO GLOBAL AESTHETICS LIMITED, IE
[85] 2021-03-10
[86] 2019-09-04 (PCT/IB2019/000955)
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[30] US (62/812,036) 2019-02-28
[30] US (62/823,596) 2019-03-25
[30] IB (PCT/IB2019/000767) 2019-07-11
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[51] **Int.Cl. C08K 3/36 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **SLIP-RESISTANT COATING, METHOD OF COATING A SUBSTRATE AND A COATED SUBSTRATE**
[54] **REVETEMENT ANTIGLISSANT, PROCEDE DE REVETEMENT D'UN SUBSTRAT ET SUBSTRAT REVETU**
[72] WANG, CHIA, US
[72] KASUNIC, KEVIN, US
[72] MULLEN, BRIAN, US
[72] LAVASSEUR, BRENT, US
[72] PROOPS, LORI, US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[51] **Int.Cl. A61B 17/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR REPAIRING SOFT TISSUE TEARS**
[54] **SYSTEME POUR REPARER DES DECHIRURES DE TISSUS MOUS**
[72] LOMBARDO, GIUSEPPE, US
[71] CONMED CORPORATION, US
[85] 2021-03-10
[86] 2019-09-30 (PCT/US2019/053727)
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[30] US (62/738,551) 2018-09-28
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[51] **Int.Cl. B64C 39/00 (2006.01) B64D 27/24 (2006.01)**
[25] EN
[54] **PILOTLESS TRANSPORTATION AERIAL-VEHICLE HAVING DISTRIBUTED-BATTERIES AND POWERING METHOD THEREFOR**
[54] **VEHICULE AERIEN DE TRANSPORT SANS PILOTE DOTE DE BATTERIES DISTRIBUEES ET SON PROCEDE D'ALIMENTATION**
[72] HANNA, MARK HOLBROOK, CA
[72] HANNA, DOUGLAS MORGAN, CA
[71] HANNA, MARK HOLBROOK, CA
[71] HANNA, DOUGLAS MORGAN, CA
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[86] 2019-09-10 (PCT/CA2019/051270)
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[25] EN
[54] **SOFT TISSUE CUTTING INSTRUMENT WITH SELF LOCKING, MULTI-POSITION, AND SLIDE BUTTON LINEARLY ACTUATED RETRACTABLE BLADE OR HOOK**
[54] **INSTRUMENT DE COUPE DE TISSU MOU AVEC AUTO-VERROUILLAGE, MULTI-POSITION ET BOUTON OU CROCHET RETRACTABLE A ACTIONNEMENT LINEAIRE A BOUTON COULISSANT**
[72] WILLARD, BENJAMIN, US
[71] CONMED CORPORATION, US
[85] 2021-03-10
[86] 2019-10-02 (PCT/US2019/054273)
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[25] EN
[54] **COMPOUNDS AND METHODS FOR TREATING NEMATODE INFECTIONS**
[54] **COMPOSES ET PROCEDES DE TRAITEMENT D'INFECTIONS PAR DES NEMATODES**
[72] ROY, PETER JOHN, CA
[72] HARRINGTON, SEAN, CA
[72] BURNS, ANDREW, CA
[72] PYCHE, JACOB EDWARD, CA
[72] LUCIANI, GENNA M., CA
[72] KNOX, JESSICA, CA
[72] LAUTENS, MARK, CA
[72] KEN-LOON, CHOO, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] KNOX, JESSICA, CA
[71] LAUTENS, MARK, CA
[71] KEN-LOON, CHOO, CA
[85] 2021-03-11
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[51] **Int.Cl. G06N 10/00 (2019.01) B82Y 10/00 (2011.01)**
[25] EN
[54] **HYBRID QUANTUM-CLASSICAL COMPUTER FOR SOLVING LINEAR SYSTEMS**
[54] **ORDINATEUR HYBRIDE QUANTIQUE-CLASSIQUE POUR LA RESOLUTION DE SYSTEMES LINEAIRES**
[72] CAO, YUDONG, US
[71] ZAPATA COMPUTING, INC., US
[85] 2021-03-10
[86] 2019-10-02 (PCT/US2019/054316)
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[30] US (62/740,038) 2018-10-02

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[51] **Int.Cl. B29C 67/00 (2017.01) B33Y 10/00 (2015.01) B33Y 70/00 (2020.01) H01B 1/20 (2006.01)**
[25] EN
[54] **SOLID-STATE ADDITIVE MANUFACTURING METHODS FOR COMPOUNDING CONDUCTIVE POLYMER COMPOSITIONS, FABRICATION OF CONDUCTIVE PLASTIC PARTS AND CONDUCTIVE COATINGS**
[54] **PROCEDES DE FABRICATION ADDITIVE A L'ETAT SOLIDE PERMETTANT DE FORMULER DES COMPOSITIONS POLYMERES CONDUCTRICES, FABRICATION DE PIECES EN PLASTIQUE CONDUCTRICES ET DE REVETEMENTS CONDUCTEURS**
[72] BROACH, ANITA T., US
[72] COX, CHASE, US
[72] HARDWICK, NANCI, US
[71] MELD MANUFACTURING CORPORATION, US
[85] 2021-03-10
[86] 2019-09-11 (PCT/US2019/050595)
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[30] US (62/729,836) 2018-09-11
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[51] **Int.Cl. C08G 63/664 (2006.01) C08G 65/332 (2006.01) D06M 15/507 (2006.01) D06M 15/53 (2006.01)**
[25] EN
[54] **NOVEL COUPLED ESTERS OF POLYLACTIC ACID AND COUPLED ESTERS OF POLYGLYCOLIC ACID AND COMPOSITIONS THEREOF**
[54] **NOUVEAUX ESTERS D'ACIDE POLYLACTIQUE COUPLES ET ESTERS D'ACIDE POLYLACTIQUE COUPLES ET COMPOSITIONS ASSOCIEES**
[72] LANGLEY, JEFFREY T., US
[72] MCCOY, KAY M., US
[72] MEREDITH, PAUL C., US
[72] SIMS, PHILIP F., US
[71] FASHION CHEMICALS GMBH & CO. KG, DE
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[54] **IMPROVEMENTS ON HISTORY-BASED MOTION VECTOR PREDICTOR**
[54] **AMELIORATIONS APPORTEES A UN PREDICTEUR DE VECTEUR DE MOUVEMENT BASE SUR UN HISTORIQUE**
[72] HAN, YU, US
[72] CHIEN, WEI-JUNG, US
[72] HUANG, HAN, US
[72] HUNG, CHAO-HSIUNG, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[30] US (62/742,890) 2018-10-08
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[54] **PYROLYSIS SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE PYROLYSE ET SON PROCEDE D'UTILISATION**
[72] VARNEY, BRIAN, CA
[71] VARNEY, BRIAN, CA
[71] PULLAM, GREGORY, CA
[85] 2021-03-11
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[25] EN
[54] **WEARABLE MEDICAL DEVICE WITH DISPOSABLE AND REUSABLE COMPONENTS**
[54] **DISPOSITIF MEDICAL POUVANT ETRE PORTE ET PRESENTANT DES COMPOSANTS JETABLES ET REUTILISABLES**
[72] FARINO, KEVIN M., US
[72] BAHNEY, TIMOTHY, US
[72] STADTLANDER, WILLIAM, US
[72] DHULDHOYA, JAY, US
[72] AFSHAR, PEDRAM, US
[72] KUMAR, UDAY N., US
[72] DINGER, MAARTEN, US
[72] MARANGI, RILEY, US
[71] ELEMENT SCIENCE, INC., US
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[54] **SMALL POLYMERIC CARRIERS FOR DELIVERY OF AGENTS**
[54] **PETITS SUPPORTS POLYMERIQUES POUR L'ADMINISTRATION D'AGENTS**
[72] SUN, JINGJING, US
[72] LI, SONG, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2021-03-10
[86] 2019-10-11 (PCT/US2019/055766)
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[25] EN
[54] **USE OF LOW VOLUME PLASMA EXCHANGE FOR THE TREATMENT OF ALZHEIMER'S DISEASE IN EARLY AND MIDDLE STAGES**
[54] **UTILISATION D'UN ECHANGE PLASMATIQUE A FAIBLE VOLUME POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER DANS LES STADES PRECOCE ET MODERE**
[72] GRIFOLS ROURA, VICTOR, ES
[72] PAEZ REGADERA, ANTONIO MANUEL, ES
[72] NUNEZ DOMENECH, LAURA, ES
[71] GRIFOLS WORLDWIDE OPERATIONS LIMITED, IE
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[25] EN
[54] **CONTAINER WITH APERTURED SHRINK SLEEVE AND RELATED PROCESSES**
[54] **RECIPIENT AVEC MANCHON RETRACTABLE A OUVERTURE ET PROCEDES ASSOCIES**
[72] YATES, CLAIRE REBECCA, US
[72] HARTSHORN, RICHARD TIMOTHY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2021-03-10
[86] 2019-10-14 (PCT/US2019/056035)
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[30] US (62/753,326) 2018-10-31

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[51] **Int.Cl. E21B 19/14 (2006.01) E21B 19/15 (2006.01)**
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[54] **PIPE HANDLER APPARATUS**
[54] **APPAREIL MANIPULATEUR DE TIGES**
[72] TAGGART, MARK, CA
[71] DRILLFORM TECHNICAL SERVICES LTD., CA
[85] 2021-03-11
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[51] **Int.Cl. A61K 35/16 (2015.01) A61K 35/19 (2015.01)**
[25] EN
[54] **BLOOD PLASMA-CONTAINING COMPOSITIONS**
[54] **COMPOSITIONS CONTENANT DU PLASMA SANGUIN**
[72] FITZPATRICK, GLEN MICHAEL, US
[72] BHATTACHARYA, BIPLOB, US
[72] HALE, ANNE S., US
[72] JORDA, RAFAEL, US
[71] CELLPHIRE, INC., US
[85] 2021-03-10
[86] 2019-09-11 (PCT/US2019/050624)
[87] (WO2020/056009)
[30] US (62/729,830) 2018-09-11

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[54] **INTRODUCING STYLET**
[54] **STYLET D'INTRODUCTION**
[72] GARDNER, GLENN P., US
[71] GARDNER, GLENN P., US
[85] 2021-03-10
[86] 2019-11-01 (PCT/US2019/059321)
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[30] US (62/756,223) 2018-11-06
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[51] **Int.Cl. C11D 3/20 (2006.01) C11D 3/37 (2006.01) C11D 11/00 (2006.01)**
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[54] **COMPOSITION AND METHOD FOR REMOVING STAINS FROM FABRICS**
[54] **COMPOSITION ET PROCEDE POUR ELIMINER LES TACHES D'UN TISSU**
[72] APPLEGATE, RACHEL MARIE, US
[72] DELANEY, SARAH ANN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2021-03-10
[86] 2019-11-14 (PCT/US2019/061372)
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[51] **Int.Cl. C09K 19/38 (2006.01)**
[25] EN
[54] **CROSSLINKABLE AROMATIC POLYMER COMPOSITIONS FOR USE IN ADDITIVE MANUFACTURING PROCESSES AND METHODS FOR FORMING THE SAME**
[54] **COMPOSITIONS POLYMERES AROMATIQUES RETICULABLES DESTINEES A ETRE UTILISEES LORS DE PROCESSUS DE FABRICATION ADDITIVE ET LEURS PROCEDES DE FORMATION**
[72] SONG, LE, US
[72] BHATTACHARYA, MITHUN, US
[72] GREENE, TIM, US
[72] DRAKE, KERRY A., US
[72] HOMSI, EMILE, US
[72] ROMANO, ERIC, US
[71] GREENE, TWEED TECHNOLOGIES, INC., US
[85] 2021-03-10
[86] 2019-09-11 (PCT/US2019/050686)
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[54] **BI-FUNCTIONAL INTUBATING AND VENTILATING SUPRAGLOTTIC AIRWAY**
[54] **INTUBATION BIFONCTIONNELLE ET VENTILATION DES VOIES AERIENNES SUPRAGLOTTIQUES**
[72] GARDNER, GLENN P., US
[71] GARDNER, GLENN P., US
[85] 2021-03-10
[86] 2019-11-19 (PCT/US2019/062109)
[87] (WO2020/106666)
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[30] US (62/916,386) 2019-10-17
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[51] **Int.Cl. A01N 43/90 (2006.01) A01N 25/02 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **CONCENTRATED ANHYDROUS SOLUTIONS OF GIBBERELLIC ACID IN AN ISOPROPANOL-CONTAINING SOLVENT**
[54] **SOLUTIONS ANHYDRES CONCENTREES D'ACIDE GIBBERELLIQUE DANS UN SOLVANT CONTENANT DE L'ISOPROPANOL**
[72] CURRY, KENNETH, CA
[71] GROSPURT ENTERPRISES INC., CA
[85] 2021-03-11
[86] 2019-09-13 (PCT/CA2019/051304)
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[25] EN
[54] **SYSTEMS AND METHODS FOR ADJUSTING A GROWING ROD**
[54] **SYSTEMES ET PROCEDES DE REGLAGE UNE TIGE POUVANT S'AGRANDIR**
[72] ROSS, LEWIS TYSON, US
[72] BURNETT, CASEL, US
[72] WENTZ, MICHAEL J., US
[72] SANDS, DANIEL, US
[71] AMB ORTHOPEDICS, INC., US
[85] 2021-03-09
[86] 2019-09-10 (PCT/US2019/050420)
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[54] **DITHIOLSACCHARIDE MUCOLYTIC AGENTS AND USES THEREOF**
[54] **AGENTS MUCOLYTIQUES DE DITHIOLSACCHARIDE ET LEURS UTILISATIONS**
[72] OSCARSON, STEFAN, IE
[72] FAHY, JOHN VINCENT, US
[72] GITLIN, IRINA, US
[72] RAYMOND, WILFRED, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2021-03-09
[86] 2019-09-10 (PCT/US2019/050475)
[87] (WO2020/055916)
[30] US (62/729,327) 2018-09-10
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[25] EN
[54] **WATER SOLUBLE CANNABINOID BEVERAGE COMPOSITION**
[54] **COMPOSITION DE BOISSON A BASE DE CANNABINOIDES SOLUBLE DANS L'EAU**
[72] AUGUST, ROBERT, CA
[72] MCCUNE, MIKE, CA
[72] HOSSAIN, SAZZAD, CA
[71] HAI BEVERAGES INC., CA
[85] 2021-03-11
[86] 2019-09-20 (PCT/CA2019/051352)
[87] (WO2020/056525)
[30] US (62/734,381) 2018-09-21

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[51] **Int.Cl. C08G 16/00 (2006.01) C08G 65/48 (2006.01)**
[25] EN
[54] **CROSS-LINKING COMPOSITIONS FOR FORMING CROSS-LINKED ORGANIC POLYMERS, ORGANIC POLYMER COMPOSITIONS, METHODS OF FORMING THE SAME, AND MOLDED ARTICLES PRODUCED THEREFROM**
[54] **COMPOSITIONS DE RETICULATION POUR FORMER DES POLYMERES ORGANIQUES RETICULES, COMPOSITIONS POLYMERES ORGANIQUES, PROCEDES DE FORMATION ASSOCIES ET ARTICLES MOULES PRODUITS A PARTIRDE CELLES-CI**
[72] DAS, SUDIPTO, US
[72] SONG, LE, US
[72] REGER, THOMAS, US
[71] GREENE, TWEED TECHNOLOGIES, INC., US
[85] 2021-03-10
[86] 2019-09-11 (PCT/US2019/050693)
[87] (WO2020/056057)
[30] US (62/729,999) 2018-09-11
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[25] EN
[54] **DIRECT ENDOLUMINAL-AND/OR ENDOVASCULAR-ILLUMINATION SYSTEMS AND METHODS OF USE THEREOF**
[54] **SYSTEMES D'ECLAIRAGE ENDOLUMINAL ET/OU ENDOVASCULAIRE DIRECT ET METHODES D'UTILISATION ASSOCIEES**
[72] LUCAS, ALAN, US
[72] BASADONNA, GIACOMO, US
[71] ENLIGHTENVUE LLC, US
[85] 2021-03-10
[86] 2019-09-12 (PCT/US2019/050760)
[87] (WO2020/056098)
[30] US (62/730,450) 2018-09-12
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[51] **Int.Cl. C09J 7/35 (2018.01) B32B 27/32 (2006.01) B32B 27/42 (2006.01) C09J 123/26 (2006.01) C09J 161/06 (2006.01) C09J 201/00 (2006.01)**
[25] EN
[54] **HOT-MELT ADHESIVE RESIN COMPOSITION AND HOT-MELT ADHESIVE RESIN LAMINATE**
[54] **COMPOSITION DE RESINE ADHESIVE THERMOFUSIBLE ET STRATIFIE DE RESINE ADHESIVE THERMOFUSIBLE**
[72] TAKEI, KUNIHIRO, JP
[72] IIZUKA, HIROKAZU, JP
[71] FUJIMORI KOGYO CO., LTD., JP
[85] 2021-03-10
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[30] JP (2018-171482) 2018-09-13

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[54] **MOIST WIPE HAVING ENHANCED DISPERSIBILITY**
[54] **LINGETTE HUMIDE A DISPERSIBILITE AMELIOREE**
[72] HURLEY, JEFFREY SCOTT, US
[72] SUARES, ALAN JOSEPH, US
[72] IAROCCI, JOHN MATTHEW, US
[72] AURIEMMA, NILGUN, US
[72] LOVE, ARTHUR RAY, US
[72] KURTZ, KELLY MAUREEN, US
[72] YAMADA, KIKUO, JP
[71] NICE-PAK PRODUCTS, INC., US
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[30] US (62/730,054) 2018-09-12

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[51] **Int.Cl. B60R 19/02 (2006.01) B60R 19/04 (2006.01) B60R 19/18 (2006.01)**
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[54] **BUMPER BEAM HAVING STEEL REINFORCEMENT**
[54] **POUTRE DE PARE-CHOCS AVEC RENFORT EN ACIER**
[72] GIBEAU, ELIE, FR
[72] KHEYATI, YANNIS, FR
[72] MENEGADY, NABIL, GB
[71] ARCELORMITTAL, LU
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[30] IB (PCT/IB2018/056972) 2018-09-12

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[51] **Int.Cl. G01N 23/203 (2006.01)**
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[54] **BACK-REFLECTION LAUE DETECTOR AND METHOD OF OPERATING THE SAME**
[54] **DETECTEUR DE LAUE RETRO-REFLECHISSANT ET PROCEDE DE FONCTIONNEMENT ASSOCIE**
[72] SIMPSON, BRIAN, CA
[72] DRAKE, ROBERT, CA
[71] PROTO PATENTS LTD., CA
[85] 2021-03-11
[86] 2019-09-25 (PCT/CA2019/051370)
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[51] **Int.Cl. A61N 5/06 (2006.01)**
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[54] **HYPERSPECTRAL IMAGING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'IMAGERIE HYPERSPECTRALE**
[72] DARTY, MARK ANTHONY, US
[72] MEENEN, PETER MARTIN, US
[71] HYPERMED IMAGING, INC., US
[85] 2021-03-10
[86] 2019-09-12 (PCT/US2019/050876)
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[30] US (62/730,887) 2018-09-13

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[25] EN
[54] **ANTIGEN-SPECIFIC T LYMPHOCYTES AND METHODS OF MAKING AND USING THE SAME**
[54] **LYMPHOCYTES T SPECIPHIQUES D'UN ANTIGENE ET LEURS METHODES DE FABRICATION ET D'UTILISATION**
[72] RAKESTRAW, JAMES ANDREW, US
[72] CAREY, SHAWN, US
[71] TORQUE THERAPEUTICS, INC., US
[85] 2021-03-09
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[54] **POLYMERIC MEMBRANE USEFUL AS A COMMERCIAL ROOFING MEMBRANE**
[54] **MEMBRANE POLYMERE UTILE EN TANT QUE MEMBRANE DE TOITURE COMMERCIALE**
[72] MEREE, CAITLIN E., US
[72] KALISH, JEFFREY P., US
[72] FISHMAN, JOSHUA M., US
[72] CLEAR, SUSANNAH C., US
[72] EDWARDS, JOHN S., US
[72] FANSLER, DUANE D., US
[72] HAYS, DAVID S., US
[72] SCHULTZ, ANTHONY F., US
[72] GILBERT, THOMAS J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[30] US (62/730,656) 2018-09-13
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[54] **RELEASABLE GLP-1 CONJUGATES**
[54] **CONJUGUES DE GLP-1 LIBERABLES**
[72] KWIATKOWSKI, MAREK, SE
[72] SUND, CHRISTIAN, SE
[71] QUIAPEG PHARMACEUTICALS AB, SE
[85] 2021-03-10
[86] 2019-09-12 (PCT/IB2019/057715)
[87] (WO2020/053815)
[30] US (62/730,341) 2018-09-12
[30] US (62/730,935) 2018-09-13
[30] US (62/771,972) 2018-11-27

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[25] EN
[54] **INTERNAL FIXATOR APPARATUS FOR DISTRACTION OSTEOGENESIS**
[54] **APPAREIL FIXATEUR INTERNE POUR DISTRACTION OSSEUSE**
[72] GAUDREAU, JEREMIE, CA
[72] VILLEMURE, ISABELLE, CA
[72] MEKHAIL, MINA, CA
[72] HAMDY, REGGIE, CA
[71] POLYVALOR, LIMITED PARTNERSHIP, CA
[71] SHRINERS HOSPITALS FOR CHILDREN, CA
[85] 2021-03-11
[86] 2019-10-04 (PCT/CA2019/051426)
[87] (WO2020/069627)
[30] US (62/741,139) 2018-10-04

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[51] **Int.Cl. E04H 4/04 (2006.01)**
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[54] **JOINT FOR ABOVE GROUND POOL FRAME**
[54] **JOINT POUR OSSATURE DE PISCINE HORS SOL**
[72] HUANG, ZHI XIONG, CN
[72] TAN, AI MING, CN
[72] HSU, YAW YUAN, CN
[71] INTEX INDUSTRIES XIAMEN CO. LTD, CN
[85] 2021-03-10
[86] 2019-09-17 (PCT/IB2019/057831)
[87] (WO2020/058854)
[30] CN (201821518351.1) 2018-09-17
[30] CN (201920498611.1) 2019-04-12

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[51] **Int.Cl. H01M 4/13 (2010.01) H01M 4/36 (2006.01)**
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[54] **SERIES OF CELLS FOR USE IN AN ELECTROCHEMICAL DEVICE**
[54] **SERIE D'ELEMENTS DESTINES A ETRE UTILISES DANS UN DISPOSITIF ELECTROCHIMIQUE**
[72] CUSHMAN, JOHN H., US
[72] NAUMAN, ERIC A., US
[72] DZIEKAN, MICHAEL J., US
[71] IFBATTERY INC., US
[85] 2021-03-09
[86] 2019-09-11 (PCT/US2019/050615)
[87] (WO2020/056003)
[30] US (62/730,515) 2018-09-12
[30] US (62/733,202) 2018-09-19
[30] US (62/801,919) 2019-02-06
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[51] **Int.Cl. A61K 47/36 (2006.01) A61K 9/00 (2006.01) A61K 9/52 (2006.01) A61K 31/40 (2006.01) A61K 31/485 (2006.01) A61K 38/07 (2006.01) A61K 47/12 (2006.01) A61K 47/14 (2017.01) C07K 7/02 (2006.01)**
[25] EN
[54] **ORAL FORMULATIONS OF KAPPA OPIOID RECEPTOR AGONISTS**
[54] **FORMULATIONS ORALES D'AGONISTES DES RECEPTEURS OPIACES KAPPA**
[72] WILSON, BRYAN R., US
[72] O'CONNOR, STEPHEN J., US
[71] CARA THERAPEUTICS, INC., US
[85] 2021-03-10
[86] 2019-09-13 (PCT/US2019/051002)
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[51] **Int.Cl. F41B 15/02 (2006.01)**
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[54] **EXTENDABLE BATON WITH DAMAGE RESISTANT LOCKING MECHANISM**
[54] **BATON EXTENSIBLE DOTE D'UN MECANISME DE VERROUILLAGE RESISTANT AUX DOMMAGES**
[72] PARSONS, KEVIN, US
[72] WANG, SIU NGAI, CN
[71] ARMAMENT SYSTEMS AND PROCEDURES, INC., US
[85] 2021-03-10
[86] 2019-09-16 (PCT/US2019/051242)
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[30] US (62/732,745) 2018-09-18

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[51] **Int.Cl. H05K 7/14 (2006.01) G06F 1/16 (2006.01) H05K 9/00 (2006.01)**
[25] EN
[54] **ELECTRONICS BOARD MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE DE CARTE ELECTRONIQUE**
[72] DICKENSON, ANDREW, US
[71] FUJIFILM SONOSITE, INC., US
[85] 2021-03-09
[86] 2019-09-11 (PCT/US2019/050687)
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[30] US (16/130,804) 2018-09-13

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[51] **Int.Cl. B60T 17/08 (2006.01) F16D 65/00 (2006.01) F16D 65/18 (2006.01)**
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[54] **PIVOTABLE ACTUATOR MOUNTING STUD**
[54] **GOUJON DE MONTAGE D'ACTIONNEUR PIVOTANT**
[72] COOL, LONNIE F., US
[72] LANTZ, RICHARD L., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2021-03-10
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[30] US (16/157,685) 2018-10-11

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[51] **Int.Cl. A61F 2/24 (2006.01)**
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[54] **LEAFLET-TESTING APPARATUS**
[54] **APPAREIL D'ESSAI DE VALVULES**
[72] KISLEV, YONATAN, IL
[72] COHEN, OR, IL
[72] IAMBERGER, MENI, IL
[71] CARDIOVALVE LTD., IL
[85] 2021-03-10
[86] 2019-09-16 (PCT/IL2019/051031)
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[30] US (16/132,937) 2018-09-17

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[25] EN
[54] **ROTATIONAL FLOW ROTATION DEOILING METHOD AND DEVICE FOR OIL-BASED MUD ROCK DEBRIS**
[54] **PROCEDE ET DISPOSITIF DE DESHUILAGE PAR ROTATION D'ECOULEMENT ROTATIONNEL POUR DEBRIS DE ROCHE ET DE BOUE A BASE DE PETROLE**
[72] WU, JIWEI, CN
[72] WANG, HUALIN, CN
[72] PAN, JIAKE, CN
[72] JIANG, XIA, CN
[72] WANG, LIXIANG, CN
[72] HUANG, YUAN, CN
[72] LI, JIANPING, CN
[72] FU, PENGBO, CN
[72] LV, WENJIE, CN
[71] SHANGHAI HUACHANG ENVIRONMENTAL PROTECTION CO., LTD, CN
[71] SICHUAN UNIVERSITY, CN
[71] EAST CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
[85] 2021-03-11
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[30] CN (201811061667.7) 2018-09-12

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[54] **METHOD FOR DETERMINING ARTIFICIAL PUMP DYSFUNCTION**
[54] **PROCEDE DE DETERMINATION D'UN DYSFONCTIONNEMENT DE POMPE ARTIFICIELLE**
[72] ESPOSTI, FEDERICO, IT
[72] CONSOLO, FILIPPO, IT
[72] PAPPALARDO, FEDERICO, IT
[71] OSPEDALE SAN RAFFAELE S.R.L., IT
[85] 2021-03-11
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[54] **TRADING SCHEDULE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE PROGRAMME DE TRANSACTIONS**
[72] BERGERON, PASCAL, CA
[72] CHAPADOS, NICOLAS, CA
[72] MARCOTTE, ETIENNE, CA
[72] SABATA, MAREK, CA
[72] SERGIENKO, IVAN, CA
[72] VALENZANO, RICHARD ANTHONY, CA
[72] CRESTEL, BENJAMIN, CA
[71] ELEMENT AI INC., CA
[85] 2021-03-11
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[51] **Int.Cl. C07D 231/12 (2006.01) A61K 9/10 (2006.01) A61K 31/415 (2006.01) A61K 31/428 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF A FARNESOID X RECEPTOR AGONIST**
[54] **FORMES CRISTALLINES D'UN AGONISTE DU RECEPTEUR FARNESOIDE X**
[72] SMITH, NICHOLAS D., US
[72] MANSFIELD, ROBERT, US
[71] METACRINE, INC., US
[85] 2021-03-10
[86] 2019-09-17 (PCT/US2019/051605)
[87] (WO2020/061115)
[30] US (62/733,007) 2018-09-18

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[54] **ANTI-HIV ANTIBODY 10-1074 VARIANTS**
[54] **VARIANTS D'ANTICORPS ANTI-VIH 10-1074**
[72] NUSSENZWEIG, MICHEL, US
[72] KETCHEM, RANDAL R., US
[72] SISKA, CHRISTINE C., US
[72] GILLESPIE, ALISON J., US
[72] CLARK, RUTILIO H., US
[72] KERWIN, BRUCE A., US
[71] THE ROCKEFELLER UNIVERSITY, US
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[25] EN
[54] **COATED INSULATION MATERIAL SUBSTRATE**
[54] **SUBSTRAT DE MATERIAU D'ISOLATION REVETU**
[72] BLEUS, ELS, BE
[72] KUPPENS, ELLEN, BE
[72] RANIERI, KATE, BE
[72] VITSE, PIET, BE
[72] VISSEREN, REMCO, NL
[72] KATTENBELD, GERE, NL
[72] VAN DER EERDEN, JORIS, NL
[71] PITTSBURGH CORNING EUROPE NV, BE
[85] 2021-03-11
[86] 2019-09-16 (PCT/EP2019/074755)
[87] (WO2020/058211)
[30] EP (18195314.2) 2018-09-18

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[25] EN
[54] **METHOD AND APPARATUS FOR RIG-LESS DEPLOYMENT OF ELECTRICAL SUBMERSIBLE PUMP SYSTEMS**
[54] **PROCEDE ET APPAREIL DE DEPLOIEMENT SANS INSTALLATION DE SYSTEMES DE POMPE SUBMERSIBLE ELECTRIQUE**
[72] LASTRA, RAFAEL ADOLFO, SA
[72] ABDELAZIZ, MOHANNAD, SA
[72] XIAO, JINJIANG, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2021-03-10
[86] 2019-09-18 (PCT/US2019/051628)
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[25] EN
[54] **ROBOT CONTROL SYSTEM AND METHOD, COMPUTING DEVICE, AND STORAGE MEDIUM**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE ROBOT, DISPOSITIF INFORMATIQUE ET SUPPORT DE STOCKAGE**
[72] LIU, KAI, CN
[72] WANG, MENGDI, CN
[72] BAI, YIXIN, CN
[71] BEIJING GEEKPLUS TECHNOLOGY CO., LTD., CN
[85] 2021-03-11
[86] 2019-09-11 (PCT/CN2019/105382)
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[30] CN (201811062251.7) 2018-09-12
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[51] **Int.Cl. B60T 13/26 (2006.01) B60T 13/68 (2006.01)**
[25] EN
[54] **APPARATUS FOR CONTROLLING PNEUMATIC FLUID TO A TRAILER**
[54] **APPAREIL POUR COMMANDER UN FLUIDE PNEUMATIQUE VERS UNE REMORQUE**
[72] RILEY, BRIAN J., US
[72] NIGLAS, PAUL C., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2021-03-10
[86] 2019-09-18 (PCT/US2019/051656)
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[25] EN
[54] **MULTI-CHANNEL LIDAR ILLUMINATION DRIVER**
[54] **ORGANE DE COMMANDE D'ECLAIRAGE LIDAR MULTICANAUX**
[72] HALL, DAVID S., US
[72] LIOU, RAYMOND, US
[72] MILGROME, OREN, US
[72] GOPALAN, ANAND, US
[71] VELODYNE LIDAR USA, INC., US
[85] 2021-03-10
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[87] (WO2020/061191)
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[25] EN
[54] **USER TERMINAL AND RADIO COMMUNICATION METHOD**
[54] **EQUIPEMENT UTILISATEUR ET PROCEDE DE RADIOCOMMUNICATION**
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[72] WANG, LIHUI, CN
[72] HOU, XIAOLIN, CN
[71] NTT DOCOMO, INC., JP
[85] 2021-03-10
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **SALTS OF SUBSTITUTED PYRROLOPYRIMIDINE CDK INHIBITOR, CRYSTAL AND USE THEREOF**
[54] **SELS D'INHIBITEUR DE CDK PYRROLOPYRIMIDINE SUBSTITUEE, CRISTAL ET UTILISATION ASSOCIEE**
[72] GAO, PENG, CN
[72] XU, YANGPING, CN
[72] MENG, QINGYI, CN
[72] LIU, FEI, CN
[72] SUN, ZHONGYING, CN
[72] ZHANG, KERU, CN
[72] CHEN, ZHILIN, CN
[72] JIANG, JINFENG, CN
[72] LU, CHENGHUI, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[71] LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD., CN
[71] SHOUYAO HOLDINGS (BEIJING) CO., LTD., CN
[85] 2021-03-11
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[51] **Int.Cl. H01R 13/52 (2006.01) B60R 16/02 (2006.01) H01Q 1/22 (2006.01) H01Q 1/32 (2006.01) H01R 4/02 (2006.01)**
[25] EN
[54] **VEHICULAR GLASS MODULE**
[54] **MODULE DE VITRE DE VEHICULE**
[72] TSURUME, YOSHINOBU, JP
[72] MORISHITA, HIROMASA, JP
[72] NAKANO, YUTA, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[85] 2021-03-10
[86] 2019-07-18 (PCT/JP2019/028237)
[87] (WO2020/059275)
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[51] **Int.Cl. A61M 25/10 (2013.01) A61F 2/954 (2013.01) A61F 2/958 (2013.01)**
[25] EN
[54] **KISSING BALLOONS**
[54] **BALLONNETS ACCOLES**
[72] BROM, HENRI LORENZO FREDERIK, NL
[72] HOMSMA, TJEERD, NL
[71] CAR HOLDING B.V., NL
[85] 2021-03-11
[86] 2019-09-09 (PCT/EP2019/073986)
[87] (WO2020/053144)
[30] NL (2021601) 2018-09-11

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[51] **Int.Cl. E04F 13/08 (2006.01) B32B 9/00 (2006.01) E04C 2/04 (2006.01) E04C 2/26 (2006.01)**
[25] EN
[54] **BOARD FOR BUILDING WITH MAGNETIC LAYER**
[54] **MATERIAU DE SURFACE DE CONSTRUCTION AVEC UNE COUCHE MAGNETIQUE**
[72] YOKOYAMA, ITARU, JP
[72] SATO, YOSUKE, JP
[72] FUJIKURA, DAICHI, JP
[72] TOITA, HIDETOSHI, JP
[71] YOSHINO GYPSUM CO., LTD., JP
[85] 2021-03-10
[86] 2019-09-05 (PCT/JP2019/035060)
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[51] **Int.Cl. C12N 1/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR INHIBITING TRYPSIN ACTIVITY CONTAINING AS ACTIVE INGREDIENT BACTERIUM BELONGING TO GENUS PARAPREVOTELLA**
[54] **COMPOSITION POUR INHIBER L'ACTIVITE DE LA TRYPSINE, CONTENANT, EN TANT QUE PRINCIPE ACTIF, UNE BACTERIE APPARTENANT AU GENRE PARAPREVOTELLA**
[72] HONDA, KENYA, JP
[72] NARUSHIMA, SEIKO, JP
[72] WATANABE, EIICHIRO, JP
[72] OHARA, OSAMU, JP
[72] KAWASHIMA, YUSUKE, JP
[72] LI, YOUXIAN, JP
[71] RIKEN, JP
[85] 2021-03-10
[86] 2019-09-10 (PCT/JP2019/035574)
[87] (WO2020/054728)
[30] US (62/728,908) 2018-09-10
[30] US (62/794,145) 2019-01-18

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[51] **Int.Cl. A61B 3/16 (2006.01)**
[25] EN
[54] **CLOSED MICROFLUIDIC NETWORK FOR STRAIN SENSING EMBEDDED IN A CONTACT LENS TO MONITOR INTRAOCULAR PRESSURE**
[54] **RESEAU MICROFLUIDIQUE FERME POUR LA DETECTION DE CONTRAINTE INTEGRE DANS UNE LENTILLE DE CONTACT POUR SURVEILLER LA PRESSION INTRAOCULAIRE**
[72] ARACI, ISMAIL EMRE, US
[72] AGAOGLU, SEVDA, US
[72] BADAY, MURAT, US
[72] DIEP, PRISCILLA, US
[71] SANTA CLARA UNIVERSITY, US
[85] 2021-03-11
[86] 2018-09-20 (PCT/US2018/052062)
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[51] **Int.Cl. B27K 1/00 (2006.01) B27K 3/02 (2006.01) B27K 3/15 (2006.01) C08L 61/06 (2006.01)**
[25] EN
[54] **MODIFIED WOOD PRODUCT**
[54] **PRODUIT DE BOIS AMELIORE**
[72] ELS, JUSTIN, GB
[72] NG, HANS MANN-KERN, GB
[72] PITMAN, ANDREW JOHN, GB
[71] LIGNIA WOOD COMPANY LIMITED, GB
[85] 2021-03-11
[86] 2019-09-12 (PCT/EP2019/074366)
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[30] GB (1814839.5) 2018-09-12

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[51] **Int.Cl. B29C 65/14 (2006.01) B29C 65/04 (2006.01) B29C 65/36 (2006.01)**
[25] EN
[54] **ENERGY CONVERTING FILMS AND ASSEMBLIES INCLUDING THE SAME**
[54] **FILMS DE CONVERSION D'ENERGIE ET ENSEMBLES LES COMPRENANT**
[72] REDFORD, STEVEN G., US
[71] RAVEN INDUSTRIES, INC., US
[85] 2021-03-11
[86] 2018-09-25 (PCT/US2018/052648)
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[51] **Int.Cl. B42D 25/324 (2014.01) B42D 25/328 (2014.01)**
[25] EN
[54] **OPTICALLY VARIABLE ELEMENT, SECURITY DOCUMENT, METHOD FOR PRODUCING AN OPTICALLY VARIABLE ELEMENT, METHOD FOR PRODUCING A SECURITY DOCUMENT**
[54] **ELEMENT OPTIQUEMENT VARIABLE, DOCUMENT DE SECURITE, PROCEDE DE FABRICATION D'UN ELEMENT OPTIQUEMENT VARIABLE, PROCEDE DE FABRICATION D'UN DOCUMENT DE SECURITE**
[72] FRASCHINA, CORRADO, CH
[72] MADER, SEBASTIAN, CH
[72] WALTER, HARALD, CH
[71] OVD KINEGRAM AG, CH
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[25] EN
[54] **METHOD FOR PRODUCING PAPER OR CARDBOARD**
[54] **PROCEDE DE PRODUCTION DE PAPIER OU DE CARTON**
[72] HAEHNLE, HANS-JOACHIM, DE
[72] ESSER, ANTON, DE
[72] ISERMANN, RALPH, DE
[71] SOLENIS TECHNOLOGIES CAYMAN, L.P., KY
[71] SOLENIS TECHNOLOGIES, L.P., CH
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[54] **FIXED BED ARRANGEMENT**
[54] **DISPOSITIF DE LIT FIXE**
[72] MAROLD, FREIMUT, DE
[72] HUTTER, CHRISTOPH, DE
[72] BEEZ, WOLFGANG, DE
[72] SCHNEIDER, ADRIAN, CH
[71] HITACHI ZOSEN INOVA ETOGAS GMBH, DE
[85] 2021-03-11
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[30] DE (10 2018 007 737.4) 2018-10-01

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[25] EN
[54] **PYRIDINYL SULFONAMIDE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS AND USES THEREOF**
[54] **DERIVES DE PYRIDINYL SULFONAMIDE, COMPOSITIONS PHARMACEUTIQUES ET LEURS UTILISATIONS**
[72] HEHN, JOERG P., DE
[72] BLUM, ANDREAS, DE
[72] HUCKE, OLIVER, DE
[72] PETERS, STEFAN, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2021-03-11
[86] 2019-10-24 (PCT/EP2019/078992)
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[30] EP (18203196.3) 2018-10-29

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[25] EN
[54] **THERAPEUTIC OR PROPHYLACTIC AGENT FOR HTLV-1-ASSOCIATED MYELOPATHY (HAM), AND METHOD FOR TREATING HAM**
[54] **AGENT POUR LE TRAITEMENT OU LA PREVENTION DE LA MYELOPATHIE ASSOCIEE AU HTLV-1 (HAM), ET METHODE DE TRAITEMENT DE HAM**
[72] UCHIMARU, KAORU, JP
[72] YAMAGISHI, MAKOTO, JP
[72] ISHIZAKI, IZUMI, JP
[72] YAMANO, YOSHIHISA, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] ST. MARIANNA UNIVERSITY SCHOOL OF MEDICINE, JP
[85] 2021-01-18
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[25] EN
[54] **SYSTEMS AND METHODS TO CHECK-IN SHOPPERS IN A CASHIER-LESS STORE**
[54] **SYSTEMES ET PROCEDES DE VERIFICATION D'ACHETEURS DANS UN MAGASIN SANS CAISSIER**
[72] FISHER, JORDAN E., US
[72] GREEN, WARREN, US
[72] FISCHETTI, DANIEL L., US
[71] STANDARD COGNITION, CORP., US
[85] 2021-03-11
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[25] EN
[54] **URINE DNA METHYLATION MARKERS FOR BLADDER CANCER**
[54] **MARQUEURS DE METHYLATION DE L'ADN URINAIRE POUR LE CANCER DE LA VESSIE**
[72] NIEUWENHUIJZEN, JACOBUS ADRIANUS, NL
[72] STEENBERGEN, RENSKE DANIELA MARIA, NL
[72] BOSSCHIETER, JUDITH, NL
[71] STICHTING VUMC, NL
[85] 2021-03-10
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[54] **PROCEDE ET SYSTEME DESTINES A METTRE EN □UVRE UN CODAGE OU UN TRANSCODAGE SEPARE ET PARALLELISE DE CONTENU AUDIO ET VIDEO**
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[54] **DISPOSITIF POUR SUPPORTER UNE PARTIE CORPORELLE**
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[72] ESSER, ANTON, DE
[72] ISERMANN, RALPH, DE
[71] SOLENIS TECHNOLOGIES CAYMAN, L.P., KY
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[54] **COMPOSE D'AMMONIUM QUATERNAIRE ET COMPOSITION DE CARBURANT**
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[71] INNOSPEC LIMITED, GB
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[54] **ANTAGONISTES DE L'INTEGRINE**
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[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **SIGNATURE RADIOMIQUE D'UNE REGION PERIVASCULAIRE**
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[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
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[54] **AMELIORATION DE DETECTION DE SIGNAL DE RETOUR DANS UN SYSTEME DE DETECTION ET DE TELEMETRIE PAR LA LUMIERE A L'AIDE D'UN CODAGE D'IMPULSIONS**
[72] GAO, KANKE, US
[72] GUNNAM, KIRAN KUMAR, US
[72] RAMALINGAM VARADHARAJAN, RAJESH, US
[72] GOPALAN, ANAND, US
[72] HALL, DAVID, US
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[54] **BI-REFORMAGE D'HYDROCARBURES POUR PRODUIRE UN GAZ DE SYNTHESE**
[72] D'SOUZA, LAWRENCE, SA
[72] LAKDAWALA, SHABBIR TAHERBHAI, SA
[72] HADHRAMI-AL, AHMED E., SA
[72] AL-HOWAISH, IBRAHIM KHALED, SA
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[54] **COMPENSATEUR DE DEGRADATION DE FREQUENCE RADIO POUR ARCHITECTURES DE CONVERSION EN QUADRATURE A LARGE BANDE**
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[54] **APPAREIL POUR TRANSPORTER UN MATERIAU PULVERISE**
[72] FRIED, ANDREW CHARLES, US
[71] FLSMIDTH A/S, DK
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[54] **CONSTRUCTION DE BATIMENT UTILISANT DES ENSEMBLES DE DALLES A CADRES RENFORCES QUI ONT DES RAILS PERIMETRIQUES LOURDS**
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[71] VEGA BUILDING SYSTEMS LLC, US
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[72] HEJAZI, VAHID, US
[72] ALDERMAN, STEVEN LEE, US
[71] RAI STRATEGIC HOLDINGS, INC., US
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[72] DAVE, VIPUL, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **APPAREIL DE CULTURE DE PLANTE OU DE CHAMPIGNON, ET PROCEDE DE CULTURE DE PLANTE OU DE CHAMPIGNON**
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[71] PLANTS LABORATORY, INC., JP
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[72] MORITA, SHIMPEI, JP
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[72] NOGAMI, AKIYO, JP
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[54] **CELLULOSE FIBER MOLDED PRODUCT AND METHOD FOR MANUFACTURING THE SAME**
[54] **CORPS MOULE DE FIBRES DE CELLULOSE ET SON PROCEDE DE FABRICATION**
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[72] MIYOSHI, TAKAHIRO, JP
[72] OKAWA, JUNYA, JP
[71] DAIO PAPER CORPORATION, JP
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[72] REDASANI, VIJAYENDRAKUMAR, IN
[72] ABDUL, SHAJAHAN, IN
[72] SHAH, VISHAL, IN
[72] SHAH, RAJAT, IN
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[71] MYCARDIO LLC, US
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[54] **PROCEDE ET APPAREIL DE COUTURE A DOUBLE BOUCLES**
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[54] **SYSTEME AVEC PERCEPTION DE LOCALISATION**
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[72] KARSCHNIA, ROBERT J., US
[72] ROBINSON, CORY, US
[72] KIELB, JOHN ALLAN, US
[72] WEINBERGER, ROBERT, US
[72] LOVEGREN, ERIC RUSSELL, US
[72] ROTVOLD, ERIC DARRELL, US
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[54] **CHAMBRE ISOLEE POUR FUITE DE JOINT MECANIQUE DE FACE DANS UN ENSEMBLE POMPE DE PUITS IMMERGEE**
[72] SEMPLE, RYAN, US
[72] TANNER, DAVID, US
[72] MARTINEZ, IGNACIO, US
[71] BAKER HUGHES OILFIELD OPERATIONS LLC, US
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[54] **APPARATUS AND METHOD FOR VARIABLE SIZING OF PARTICULATES**
[54] **APPAREIL ET PROCEDE DE DIMENSIONNEMENT VARIABLE DE PARTICULES**
[72] FIEGEN, ADAM, US
[72] MARKS, DAVID RAY, US
[72] MCCALLEY, RODNEY, US
[72] STENVIK, RALPH A., US
[71] GENERAL MILLS, INC., US
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[54] **COMPOSITION DE MOUSSE D'ISOLATION EN POLYURETHANE COMPRENANT UN COMPOSE STABILISANT**
[72] CAI, YANGJUN, US
[72] WU, LIFENG, US
[72] SINGH, SACHCHIDA, US
[72] LIU, YUN-SHAN, US
[71] HUNTSMAN INTERNATIONAL LLC, US
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[54] **COMPOSITIONS ET METHODES ANTIMALARIQUES**
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[71] ARTIFICIAL CELL TECHNOLOGIES, INC., US
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[54] **BONE MATERIAL MIXING AND DISPENSING DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE MELANGE ET DE DISTRIBUTION DE MATIERE OSSEUSE**
[72] DEWEY, JONATHAN M., US
[72] SHIMKO, DANIEL, US
[71] WARSAW ORTHOPEDIC, INC., US
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[54] **METHODS AND USES OF VARIANT CD80 FUSION PROTEINS AND RELATED CONSTRUCTS**
[54] **METHODES ET UTILISATIONS DE PROTEINES DE FUSION DE VARIANT CD80 ET CONSTRUCTIONS ASSOCIEES**
[72] SWANSON, RYAN, US
[72] MAURER, MARK F., US
[72] PENG, STANFORD L., US
[72] YANG, JING, US
[72] SWIDEREK, KRISTINE M., US
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[54] **METHODES DE TRAITEMENT DU PSORIASIS**
[72] FRIEDRICH, STUART WILLIAM, US
[72] KLEKOTKA, PAUL ALAN, US
[72] TUTTLE, JAY LAWRENCE, US
[71] ELI LILLY AND COMPANY, US
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[54] **RISK-ADJUSTED HYBRID SEED SELECTION AND CROP YIELD OPTIMIZATION BY FIELD**
[54] **SELECTION DE SEMENCES HYBRIDES EN FONCTION DU RISQUE ET OPTIMISATION DU RENDEMENT DES CULTURES PAR CHAMP**
[72] BULL, JASON, US
[72] ROCK, DAVID, US
[72] HAN, JOO YOON, US
[72] JIANG, DONGMING, US
[72] REICH, TIMOTHY, US
[72] JACOBS, MORRISON, US
[72] XIE, YAO, US
[72] YANG, XIAO, US
[72] EHLMANN, TONYA, US
[72] TRAPP, ALLAN, US
[71] THE CLIMATE CORPORATION, US
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[54] **STABILIZED FORMULATIONS OF CANNABINOID COMPOSITIONS**
[54] **FORMULATIONS STABILISEES DE COMPOSITIONS CANNABINOIDES**
[72] BERL, VOLKER, US
[72] XIA, CHUNXIN, US
[71] NEW AGE NANOTECH LLC, US
[85] 2021-01-08
[86] 2019-07-09 (PCT/US2019/040962)
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[54] **BICISTRONIC CHIMERIC ANTIGEN RECEPTORS TARGETING CD19 AND CD20 AND THEIR USES**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES BICISTRONIQUES CIBLANT CD19 ET CD20 ET LEURS UTILISATIONS**
[72] KOCHENDERFER, JAMES N., US
[72] YANG, SHICHENG, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR CRYPTOGRAPHIC AUTHENTICATION OF CONTACTLESS CARDS**
[54] **SYSTEMES ET PROCEDES POUR L'AUTHENTIFICATION CRYPTOGRAPHIQUE DE CARTES SANS CONTACT**
[72] OSBORN, KEVIN, US
[72] RULE, JEFFREY, US
[72] CHIGURUPATI, SRINIVASA, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2021-03-11
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[30] US (62/740,352) 2018-10-02
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[25] EN
[54] **USE OF DIVIDED WALL TECHNOLOGY TO PRODUCE HIGH PURITY METHANOL**
[54] **UTILISATION D'UNE TECHNOLOGIE DE PAROI DIVISEE POUR PRODUIRE DU METHANOL DE HAUTE PURETE**
[72] BARIAS, ROSETTE, US
[72] MAURER, ALEJANDRO, US
[71] LUMMUS TECHNOLOGY LLC, US
[85] 2021-03-11
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[25] EN
[54] **MICROJOULE AMPLIFIER SYSTEM FOR THREE PHOTON MICROSCOPY UTILIZING EXISTING FEMTOSECOND LASERS**
[54] **SYSTEME D'AMPLIFICATEUR DE MICROJOULE POUR MICROSCOPIE A TROIS PHOTONS UTILISANT DES LASERS FEMTOSECONDES EXISTANTS**
[72] FENDEL, PETER, US
[71] THORLABS, INC., US
[85] 2021-03-11
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[25] EN
[54] **CATHETER HAVING A CLOSED TIP AND SLIT FOR A PERIPHERAL INTRAVENOUS CATHETER ASSEMBLY**
[54] **CATHETER COMPORTANT UNE POINTE FERMEE ET UNE FENTE POUR UN ENSEMBLE CATHETER INTRAVEINEUX PERIPHERIQUE**
[72] ISAACSON, S. RAY, US
[72] PETERSON, BART D., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2021-03-11
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[54] **SMALL MOLECULE MDM2 PROTEIN DEGRADERS**
[54] **AGENTS DE DEGRADATION DE PROTEINE MDM2 A PETITES MOLECULES**
[72] WANG, SHAOMENG, US
[72] AGUILAR, ANGELO, US
[72] LI, YANGBING, US
[72] YANG, JIULING, US
[72] MCEACHERN, DONNA, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2021-03-11
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[25] EN
[54] **METHOD AND SYSTEM FOR IN-VIVO, AND NON-INVASIVE MEASUREMENT OF METABOLITE LEVELS**
[54] **METHODE ET SYSTEME DE MESURE IN VIVO ET NON INVASIVE DE NIVEAUX DE METABOLITES**
[72] O'BRIEN, DAVID, CA
[71] 10250929 CANADA INC., CA
[85] 2021-03-12
[86] 2019-09-13 (PCT/CA2019/051305)
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[25] EN
[54] **QUANTUM COMPUTER WITH IMPROVED CONTINUOUS QUANTUM GENERATOR**
[54] **ORDINATEUR QUANTIQUE A GENERATEUR QUANTIQUE CONTINU AMELIORE**
[72] ROMERO, JHONATHAN, US
[72] ASPURU-GUZIK, ALAN, US
[71] ZAPATA COMPUTING, INC., US
[85] 2021-03-11
[86] 2019-10-11 (PCT/US2019/055970)
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[54] **USE OF OPTICAL FIBER SENSOR AS A DIAGNOSTIC TOOL IN CATHETER-BASED MEDICAL DEVICES**
[54] **UTILISATION D'UN CAPTEUR A FIBRE OPTIQUE EN TANT QU'OUTIL DE DIAGNOSTIC DANS DES DISPOSITIFS MEDICAUX A BASE DE CATHETERS**
[72] GANDHI, RAHUL SURESH, US
[72] ZHANG, TAO, US
[71] ABIOMED, INC., US
[85] 2021-03-11
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[25] EN
[54] **HYBRID QUANTUM-CLASSICAL COMPUTER SYSTEM FOR IMPLEMENTING AND OPTIMIZING QUANTUM BOLTZMANN MACHINES**
[54] **SYSTEME INFORMATIQUE HYBRIDE QUANTIQUE-CLASSIQUE POUR LA MISE EN □UVRE ET L'OPTIMISATION DE MACHINES DE BOLTZMANN QUANTIQUES**
[72] ANSCHUETZ, ERIC R., US
[72] CAO, YUDONG, US
[71] ZAPATA COMPUTING, INC., US
[85] 2021-03-11
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[25] EN
[54] **ROOT EXUDATE-ACTIVATED SYSTEM FOR AGROCHEMICAL DELIVERY**
[54] **SYSTEME ACTIVE PAR EXSUDAT RACINAIRE POUR ADMINISTRATION AGROCHIMIQUE**
[72] MONREAL, CARLOS, CA
[72] DEROSA, MARIA, CA
[72] CHOI, PHILLIP, CA
[72] MASTRONARDI, EMILY, CA
[72] TSAE, PHEPAFATSO, CA
[72] MATUS, FRANCISCO, CL
[72] SCHNEIDER, JUAN, CA
[71] CARLETON UNIVERSITY, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTEROF AGRICULTURE AND AGRI-FOOD, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[71] SCHNEIDER, JUAN, CA
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[54] **HFO-1234ZE AND HFO-1234YF COMPOSITIONS AND PROCESSES FOR PRODUCING AND USING THE COMPOSITIONS**
[54] **COMPOSITIONS DE HFO-1234 ZE ET DE HFO-1234 YF ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] PENG, SHENG, US
[72] NAPPA, MARIO JOSEPH, US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2021-03-11
[86] 2019-10-25 (PCT/US2019/057999)
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[54] **EXPANSION OF TILS FROM CRYOPRESERVED TUMOR SAMPLES**
[54] **EXPANSION DE TIL A PARTIR D'ECHANTILLONS DE TUMEUR CRYOCONSERVES**
[72] VEERAPATHRAN, ANAND, US
[72] ONIMUS, KENNETH, US
[71] IOVANCE BIOTHERAPEUTICS, INC., US
[85] 2021-03-11
[86] 2019-09-20 (PCT/US2019/052108)
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[51] **Int.Cl. A61K 39/39 (2006.01) A61K 9/00 (2006.01) A61K 9/127 (2006.01) A61K 47/34 (2017.01) A61P 37/04 (2006.01)**
[25] EN
[54] **MUCOADHESIVE LIPIDIC DELIVERY SYSTEM**
[54] **SYSTEME LIPIDIQUE MUCOADHESIF D'ADMINISTRATION**
[72] WASAN, ELLEN K., CA
[72] WASAN, KISHOR M., CA
[72] GERDTS, VOLKER, CA
[72] STROM, STACY, CA
[71] UNIVERSITY OF SASKATCHEWAN, CA
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[51] **Int.Cl. E21B 33/129 (2006.01) E21B 23/01 (2006.01) E21B 23/06 (2006.01) E21B 33/124 (2006.01) E21B 33/128 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR PROVIDING A PLUG WITH A TWO-STEP EXPANSION**
[54] **PROCEDES ET APPAREIL POUR DOTER UN BOUCHON D'UNE EXPANSION EN DEUX TEMPS**
[72] JACOB, GREGOIRE MAX, US
[71] JACOB, GREGOIRE MAX, US
[85] 2021-03-11
[86] 2019-10-25 (PCT/US2019/058060)
[87] (WO2020/086961)
[30] US (62/751,044) 2018-10-26
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[51] **Int.Cl. B60R 9/045 (2006.01) B60R 9/052 (2006.01)**
[25] EN
[54] **EXTENDABLE CROSSBAR FOR A VEHICLE**
[54] **BARRE TRANSVERSALE EXTENSIBLE POUR UN VEHICULE**
[72] GRIFFITH, ERIC, US
[72] ELDER, CHRISTIAN, US
[71] RIVIAN IP HOLDINGS, LLC, US
[85] 2021-03-11
[86] 2019-11-11 (PCT/US2019/060803)
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[51] **Int.Cl. B62D 11/08 (2006.01) B60W 30/045 (2012.01) B62D 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A VEHICLE WITH A FRONT DIG MODE**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR A UN VEHICULE UN MODE D'EXCAVATION AVANT**
[72] KORSCH, STEVEN, US
[72] VERBRIDGE, MASON, US
[71] RIVIAN IP HOLDINGS, LLC, US
[85] 2021-03-11
[86] 2019-11-13 (PCT/US2019/061260)
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[25] EN
[54] **HIGH EFFICIENCY COMPACT SLOTTED ANTENNA WITH A GROUND PLANE**
[54] **ANTENNE A FENTES COMPACTE A HAUT RENDEMENT A RETOUR DE MASSE**
[72] FLEMMING, JEB H., US
[72] BULLINGTON, JEFF A., US
[71] 3D GLASS SOLUTIONS, INC., US
[85] 2021-03-11
[86] 2019-09-11 (PCT/US2019/050644)
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[30] US (62/732,472) 2018-09-17

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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE FOR BEVERAGE PREPARATION WITH INTEGRALLY FORMED SEALING MEMBER**
[54] **CAPSULE DESTINEE A LA PREPARATION DE BOISSONS AVEC ELEMENT D'ETANCHEITE FORME D'UN SEUL TENANT**
[72] BAMBAGIONI, GUIDO, IT
[72] BEHRMANN, VEITH, CH
[72] MUELLER, MARTIN GUILLERMO, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2021-03-12
[86] 2019-09-06 (PCT/EP2019/073781)
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[30] EP (18194446.3) 2018-09-14

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[51] **Int.Cl. A01K 67/027 (2006.01)**
[25] EN
[54] **COMPLEMENT FACTOR H GENE KNOCKOUT RAT AS A MODEL OF C3 GLOMERULOPATHY**
[54] **RAT A INVALIDATION GENIQUE DE FACTEUR H DE COMPLEMENT EN TANT QUE MODELE DE GLOMERULOPATHIE C3**
[72] DEVALARAJA-NARASHIMHA, KISHOR, US
[72] LEE, JEFFREY D., US
[72] MORTON, LORI, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[86] 2019-09-12 (PCT/US2019/050792)
[87] (WO2020/056122)
[30] US (62/730,690) 2018-09-13

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[51] **Int.Cl. A61J 15/00 (2006.01) A61L 29/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BIOFILM INOCULATION**
[54] **SYSTEMES ET PROCEDES D'INOCULATION DE BIOFILM**
[72] INGRAM, AARON N., US
[71] NEOMED, INC., US
[85] 2021-03-11
[86] 2019-09-13 (PCT/US2019/050924)
[87] (WO2020/056209)
[30] US (62/731,791) 2018-09-14

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[51] **Int.Cl. F16L 11/02 (2006.01) F16L 11/08 (2006.01)**
[25] EN
[54] **FIRE HOSE AND MATERIAL THEREFORE**
[54] **TUYAU D'INCENDIE ET MATERIAU POUR CELUI-CI**
[72] RYDER, NOAH L., US
[72] JORDAN, STEPHEN J., US
[72] BENTLEY, RODNEY D. JR., US
[72] BELL, WILLIAM MCKINLAY, US
[72] CROSBY-BELL, KATHLEEN, US
[71] LAST CALL FOUNDATION, INC., US
[85] 2021-03-11
[86] 2019-09-20 (PCT/US2019/052141)
[87] (WO2020/061444)
[30] US (62/733,823) 2018-09-20

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[51] **Int.Cl. G01M 99/00 (2011.01) B29D 99/00 (2010.01) B65B 57/04 (2006.01) B65B 69/00 (2006.01) B65D 41/34 (2006.01) G01L 5/00 (2006.01)**
[25] EN
[54] **DEVICE FOR TESTING A CONNECTION OF A GUARANTEE STRIP OF A SECURITY SEAL OF A CLOSURE LID HAVING A LID MAIN BODY**
[54] **DISPOSITIF POUR VERIFIER UNE FIXATION D'UNE BANDE DE GARANTIE D'UNE PROTECTION INVIOLABLE D'UN COUVERCLE COMPRENANT UN CORPS PRINCIPAL DE COUVERCLE**
[72] BURRI, GREGOR, CH
[72] HURLIMANN, MARTIN, CH
[71] PACKSYS GLOBAL AG, CH
[85] 2021-03-12
[86] 2019-09-11 (PCT/EP2019/074244)
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[51] **Int.Cl. A61L 29/06 (2006.01) A61L 29/14 (2006.01)**
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[54] **SELF-LUBRICATING MEDICAL ARTICLES**
[54] **ARTICLES MEDICAUX AUTO-LUBRIFIANTS**
[72] BAI, HE, US
[72] WEIMER, MARC W., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2021-03-11
[86] 2019-09-23 (PCT/US2019/052351)
[87] (WO2020/068617)
[30] US (62/735,332) 2018-09-24
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[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **METHOD FOR MONITORING PHYSICAL DOWNLINK CONTROL CHANNEL, COMMUNICATION DEVICE, AND NETWORK DEVICE**
[54] **PROCEDE DE SURVEILLANCE DE CANAL DE COMMANDE DE LIAISON DESCENDANTE, DISPOSITIF DE COMMUNICATION ET DISPOSITIF DE RESEAU**
[72] CHANG, JUNREN, CN
[72] FENG, SHULAN, CN
[72] XIE, XI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2021-03-12
[86] 2019-09-05 (PCT/CN2019/104541)
[87] (WO2020/052492)
[30] CN (201811076657.0) 2018-09-14

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[51] **Int.Cl. A61K 9/28 (2006.01) B29C 64/165 (2017.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A COATED SOLID PHARMACEUTICAL DOSAGE FORM**
[54] **PROCEDE DE PREPARATION D'UNE FORME POSOLOGIQUE PHARMACEUTIQUE SOLIDE REVETUE**
[72] BOGDAHN, MALTE, DE
[72] SCHILLER, STEFAN, DE
[72] HANEFELD, ANDREA, DE
[72] GEISSLER, SIMON, DE
[71] MERCK PATENT GMBH, DE
[85] 2021-03-12
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[30] EP (18194418.2) 2018-09-14

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[51] **Int.Cl. G07F 11/02 (2006.01) G06Q 20/32 (2012.01) G06Q 30/06 (2012.01) G05D 1/00 (2006.01) G08G 1/00 (2006.01)**
[25] EN
[54] **MOBILE VENDING MACHINE**
[54] **DISTRIBUTEUR AUTOMATIQUE MOBILE**
[72] JAFA, EMAD, US
[72] LAU, CHEUK CHI, US
[72] LI, XUEJUN, US
[72] SEROCK, YONG, US
[72] CHAN, WAI TING, GB
[72] JOHNSTONE, SAMUEL LUKE, GB
[72] MITCHELL, MARTYN THOMAS, GB
[72] MORRISON, EUAN, GB
[72] WILLIAMS, ERIK DAVID, GB
[71] PEPSICO, INC., US
[85] 2021-03-11
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[51] **Int.Cl. G06F 16/23 (2019.01) G06F 16/28 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING INFORMATION ABOUT BUILDING RESOURCES**
[54] **SYSTEMES ET PROCEDES DE GESTION D'INFORMATIONS CONCERNANT DES RESSOURCES DE CONSTRUCTION**
[72] DHANDAPANI, CHANDRA, US
[72] DAVE, SANDEEP, US
[72] DANDAMUDI, KRANTHI, US
[72] MAWKIN, AMIT, US
[71] CBRE, INC., US
[85] 2021-03-11
[86] 2019-09-24 (PCT/US2019/052650)
[87] (WO2020/068792)
[30] US (62/736,872) 2018-09-26
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[30] US (16/549,589) 2019-08-23
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[54] **HUILE DE MICROORGANISMES RICHES EN ACIDE DOCOSAHEXAENOIQUE**
[72] GODART, FRANCOIS, FR
[72] LAPENDRIE, ADELINE, FR
[71] FERMENTALG, FR
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[51] **Int.Cl. A61B 34/20 (2016.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CALIBRATING AN INSTRUMENT FOR SURGICAL INTERVENTION**
[54] **PROCEDE ET APPAREIL D'ETALONNAGE D'INSTRUMENT POUR INTERVENTION CHIRURGICALE**
[72] BRATBAK, DANIEL FOSSUM, NO
[71] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU), NO
[85] 2021-03-12
[86] 2019-09-13 (PCT/EP2019/074555)
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[51] **Int.Cl. B32B 27/30 (2006.01) C08J 9/06 (2006.01) C08L 9/06 (2006.01)**
[25] EN
[54] **POLYMERIC MEMBRANE USEFUL AS A COMMERCIAL ROOFING MEMBRANE**
[54] **MEMBRANE POLYMERE UTILE EN TANT QUE MEMBRANE DE TOITURE COMMERCIALE**
[72] MEREE, CAITLIN E., US
[72] KALISH, JEFFREY P., US
[72] FISHMAN, JOSHUA M., US
[72] CLEAR, SUSANNAH C., US
[72] EDWARDS, JOHN S., US
[72] FANSLER, DUANE D., US
[72] HAYS, DAVID S., US
[72] SCHULTZ, ANTHONY F., US
[72] GILBERT, THOMAS J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2021-03-11
[86] 2019-09-13 (PCT/US2019/050987)
[87] (WO2020/056238)
[30] US (62/730,656) 2018-09-13
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[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING INFORMATION ABOUT BUILDING RESOURCES**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'INFORMATIONS PORTANT SUR DES RESSOURCES DE CONSTRUCTION**
[72] DHANDAPANI, CHANDRA, US
[72] DAVE, SANDEEP, US
[72] DANDAMUDI, KRANTHI, US
[72] MAWKIN, AMIT, US
[71] CBRE, INC., US
[85] 2021-03-11
[86] 2019-09-24 (PCT/US2019/052653)
[87] (WO2020/068794)
[30] US (62/736,872) 2018-09-26
[30] US (62/754,442) 2018-11-01
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[25] EN
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[54] **PERIOSTE ARTIFICIEL**
[72] ZHENG, MING-HAO, AU
[71] ORTHOCELL LIMITED, AU
[85] 2021-03-12
[86] 2019-09-13 (PCT/AU2019/050984)
[87] (WO2020/051646)
[30] AU (2018903480) 2018-09-14

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[25] EN
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[54] **MEMBRANE POLYMERE UTILE EN TANT QUE MEMBRANE DE TOITURE COMMERCIALE**
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[72] KALISH, JEFFREY P., US
[72] FISHMAN, JOSHUA M., US
[72] CLEAR, SUSANNAH C., US
[72] EDWARDS, JOHN S., US
[72] FANSLER, DUANE D., US
[72] HAYS, DAVID S., US
[72] SCHULTZ, ANTHONY F., US
[72] GILBERT, THOMAS J., US
[72] KEMPF, MICHAEL, DE
[72] APELDORN, THOMAS, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2021-03-11
[86] 2019-09-13 (PCT/US2019/050992)
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[30] US (62/730,656) 2018-09-13
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[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/16 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF NETHERTON SYNDROME**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU SYNDROME DE NETHERTON**
[72] AGARWAL, POOJA, US
[72] KRISHNAN, SUMA, US
[72] FREEDMAN, JOHN C., US
[71] KRYSTAL BIOTECH, INC., US
[85] 2021-03-11
[86] 2019-09-24 (PCT/US2019/052779)
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[30] US (62/735,582) 2018-09-24

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[51] **Int.Cl. B21J 5/00 (2006.01) B22C 7/02 (2006.01) B22C 9/22 (2006.01) B22D 13/08 (2006.01) B22D 17/20 (2006.01) B22D 23/06 (2006.01) B22D 25/02 (2006.01) H02K 15/04 (2006.01)**
[25] EN
[54] **METHOD AND TOOL FOR PRODUCING A COIL, AND COIL PRODUCED IN THIS WAY**
[54] **PROCEDE ET OUTIL DE FABRICATION D'UNE BOBINE ET BOBINE FABRIQUEE AU MOYEN DE CES DERNIERS**
[72] WOSTMANN, FRANZ-JOSEF, DE
[72] HEUSER, MICHAEL, DE
[72] BUSSE, MATTHIAS, DE
[72] STUMM, LUKAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2019-09-19 (PCT/EP2019/075165)
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[51] **Int.Cl. E06B 1/70 (2006.01) E06B 1/62 (2006.01) E06B 7/14 (2006.01)**
[25] EN
[54] **ONE-PIECE SILL PAN FLASHING**
[54] **BANDE DE RECOUVREMENT DE BARRE DE SEUIL EN UNE PIECE**
[72] GLICKMAN, JOEL I., US
[72] MCMAHON, KIERAN, US
[71] SILL DRY INDUSTRIES, LLC, US
[85] 2021-03-11
[86] 2019-09-13 (PCT/US2019/051086)
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[30] US (62/734,630) 2018-09-21
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[51] **Int.Cl. B01L 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A THERMAL CYCLER, AND THERMAL CYCLER**
[54] **PROCEDE DE COMMANDE D'UN THERMOCYCLEUR ET THERMOCYCLEUR**
[72] WILD, MICHAEL, DE
[72] SCHICKE, KIRSTEN, DE
[71] EPPENDORF AG, DE
[85] 2021-03-12
[86] 2019-09-20 (PCT/EP2019/075286)
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[30] EP (18195975.0) 2018-09-21

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[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/12 (2006.01)**
[25] EN
[54] **HIGH IMPACT AND HIGH SUPPORT BRAS**
[54] **SOUTIEN-GORGE A RESISTANCE AU CHOC ELEVE ET SOUTIEN ELEVE**
[72] RODDIS, BRETT, US
[72] LAWRENCE, MELISSA, US
[72] KELLY, JOHN, US
[72] GOLDBERG-POCH, ZACHARY MICHAEL, US
[72] OAKS, PHILIP ISAAC, US
[72] RODRIGUEZ, CAROLINA ISABEL, US
[72] SMITH, H. WILLIAM, IV, US
[72] TACHIBANA, DANIEL ROSS, US
[71] THE GAP, INC., US
[85] 2021-03-11
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[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF SKIN DISEASES**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE MALADIES DE LA PEAU**
[72] KRISHNAN, SUMA, US
[72] AGARWAL, POOJA, US
[72] PARRY, TREVOR, US
[71] KRYSTAL BIOTECH, INC., US
[85] 2021-03-11
[86] 2019-09-25 (PCT/US2019/053005)
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[30] US (62/737,009) 2018-09-26
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[51] **Int.Cl. A61B 90/00 (2016.01) A61F 2/12 (2006.01)**
[25] EN
[54] **TISSUE EXPANSION DEVICE**
[54] **DISPOSITIF D'EXPANSION TISSULAIRE**
[72] SCHUESSLER, DAVID J., US
[72] FLORES, ALBERTO J., CR
[72] RODRIGUEZ, DANIELA, CR
[72] SOLANO, LUIS M., CR
[71] ALLERGAN, INC., US
[85] 2021-03-11
[86] 2019-09-13 (PCT/US2019/051171)
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[51] **Int.Cl. A61L 27/44 (2006.01) A61F 2/00 (2006.01) B01J 19/10 (2006.01)**
[25] EN
[54] **NANOPARTICLE-COATED COLLAGEN IMPLANT**
[54] **IMPLANT DE COLLAGENE REVETU DE NANOPARTICULES**
[72] ZHENG, MING-HAO, AU
[71] ORTHOCELL LIMITED, AU
[85] 2021-03-12
[86] 2019-09-13 (PCT/AU2019/050985)
[87] (WO2020/051647)
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[25] EN
[54] **METHODS FOR DIFFERENTIATING MESENCHYMAL STEM CELLS**
[54] **PROCEDES DE DIFFERENCIATION DE CELLULES SOUCHES MESENCHYMATEUSES**
[72] CHAMPLUVIER, BENOIT, BE
[72] PIETRI, SANDRA, BE
[72] NORMAND, SYLVAIN, BE
[72] DE TROY, DELPHINE, BE
[72] BRENNER, CARMEN, BE
[72] LEBRUN, ANNE-SOPHIE, BE
[72] TCHAMEKH, BAHIA, BE
[72] IONESCU, ALEXANDRA, BE
[72] HERTZOG, LAURE, FR
[72] LARUELLE, PIERRE-YVES, BE
[71] BONE THERAPEUTICS SA, BE
[85] 2021-03-12
[86] 2019-09-25 (PCT/EP2019/075790)
[87] (WO2020/064791)
[30] EP (18196717.5) 2018-09-25
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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 38/17 (2006.01)**
[25] EN
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[54] **PROTEINES DE FUSION RAGE PRESENTANT UNE STABILITE ET UNE AFFINITE DE LIAISON AUX LIGANDS AMELIOREES ET LEURS UTILISATIONS**
[72] HUGHES, ROBERT, US
[72] STROHL, WILLIAM, US
[71] BIOAGE LABS, INC., US
[85] 2021-03-11
[86] 2019-09-13 (PCT/US2019/051182)
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[51] **Int.Cl. H04W 4/02 (2018.01)**
[25] EN
[54] **POSITIONING METHOD AND APPARATUS FOR UE, STORAGE MEDIUM AND ELECTRONIC DEVICE**
[54] **PROCEDE ET APPAREIL DE POSITIONNEMENT D'UN EQUIPEMENT D'UTILISATEUR, SUPPORT D'INFORMATIONS ET DISPOSITIF ELECTRONIQUE**
[72] BI, CHENG, CN
[72] CHEN, SHIJUN, CN
[72] CHEN, DAWEI, CN
[72] WANG, YUANYUAN, CN
[71] ZTE CORPORATION, CN
[85] 2021-03-12
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[51] **Int.Cl. A01K 67/027 (2006.01)**
[25] EN
[54] **GENETICALLY MODIFIED SALMON WHICH PRODUCE STERILE OFFSPRING**
[54] **SAUMON GENETIQUEMENT MODIFIE PRODUISANT UNE DESCENDANCE STERILE**
[72] TROEDSSON-WARGELIUS, ANNA, NO
[72] EDVARDSEN, ROLF BRUDVIK, NO
[71] VESTLANDETS INNOVASJONSSELSKAP AS, NO
[85] 2021-03-12
[86] 2019-10-01 (PCT/EP2019/076548)
[87] (WO2020/070105)
[30] GB (1816061.4) 2018-10-02
[30] GB (1912491.6) 2019-08-30

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[51] **Int.Cl. B41F 17/22 (2006.01) B41F 17/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRINTING ON CYLINDRICAL OBJECTS**
[54] **PROCEDE ET APPAREIL D'IMPRESSION SUR DES OBJETS DE FORME CYLINDRIQUE**
[72] LANDA, BENZION, IL
[71] LANDA LABS (2012) LTD., IL
[85] 2021-03-12
[86] 2019-09-05 (PCT/IB2019/057474)
[87] (WO2020/053709)
[30] GB (1814882.5) 2018-09-13
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[51] **Int.Cl. A61B 5/097 (2006.01) A61B 5/08 (2006.01) A61B 5/091 (2006.01)**
[25] EN
[54] **BREATH SAMPLER**
[54] **ECHANTILLONNEUR D'HALEINE**
[72] DE JONGE, MARINUS ISAAK, NL
[72] VAN DEN KIEBOOM, CORNELIS HUBERTUS, NL
[71] STICHTING KATHOLIEKE UNIVERSITEIT, NL
[85] 2021-03-12
[86] 2019-09-13 (PCT/EP2019/074580)
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[25] EN
[54] **CATALYTIC CHEMICAL VAPOUR DEPOSITION**
[54] **DEPOT CHIMIQUE EN PHASE VAPEUR CATALYTIQUE**
[72] FUENTE-CUESTA, AIDA, CH
[72] SAVANIU, CRISTIAN, CH
[72] LENZI, MANFRED, CH
[72] IRVINE, JOHN T S, CH
[71] AGT MANAGEMENT & ENGINEERING AG, CH
[85] 2021-03-12
[86] 2019-09-13 (PCT/EP2019/074581)
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[30] GB (1814874.2) 2018-09-13

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[51] **Int.Cl. C04B 18/28 (2006.01) C04B 28/02 (2006.01)**
[25] EN
[54] **FILLER FROM SORTED RESIDUES FOR THE PRODUCTION OF CEMENT-BOUND MOULDINGS**
[54] **CHARGE CONSTITUEE DE RESIDUS TRIES POUR LA FABRICATION DE CORPS MOULES LIES AVEC DU CIMENT**
[72] STEINMULLER, JURGEN, GB
[72] MERKEL, PETER, DE
[72] DREISMANN, MARTIN, DE
[71] TERION AG, CH
[85] 2021-03-12
[86] 2019-10-01 (PCT/EP2019/076630)
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[30] DE (10 2018 124 254.9) 2018-10-01

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[51] **Int.Cl. C12Q 1/689 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTING BORDETELLA PERTUSSIS AND BORDETELLA PARAPERTUSSIS NUCLEIC ACID**
[54] **COMPOSITIONS ET PROCEDES DE DETECTION D'ACIDES NUCLEIQUES DE BORDETELLA PERTUSSIS ET DE BORDETELLA PARAPERTUSSIS**
[72] EATON, BARBARA L., US
[72] GROBARCZYK, BENJAMIN, BE
[72] BARHDADI, SAMIRA, BE
[71] GEN-PROBE INCORPORATED, US
[85] 2021-03-11
[86] 2019-09-26 (PCT/US2019/053099)
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[51] **Int.Cl. A01N 43/40 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **USE OF THE SUCCINATE DEHYDROGENASE INHIBITOR FLUOPYRAM FOR CONTROLLING CLAVICEPS PURPUREA AND REDUCING SCLEROTIA IN CEREALS**
[54] **UTILISATION DU FLUOPYRAM INHIBITEUR DE LA SUCCINATE DESHYDROGENASE POUR LUTTER CONTRE LA CLAVICEPS PURPUREA ET REDUIRE LE SCLEROTIUM DANS LES CEREALES**
[72] BLATTA, DAVID, CA
[72] KRATCHMER, JOCELYN, CA
[72] PATZER, KELLY, CA
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2021-03-12
[86] 2019-09-13 (PCT/EP2019/074594)
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[30] EP (18194942.1) 2018-09-17

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[25] EN
[54] **RECOMBINANT POXVIRUSES FOR CANCER IMMUNOTHERAPY**
[54] **POXVIRUS RECOMBINANTS POUR IMMUNOTHERAPIE ANTICANCEREUSE**
[72] DENG, LIANG, US
[72] WOLCHOK, JEDD, US
[72] SHUMAN, STEWART, US
[72] MERGHOUB, TAHA, US
[72] YANG, NING, US
[72] WANG, YI, US
[72] MAZO, GREGORY, US
[72] DAI, PEIHONG, US
[72] WANG, WEIYI, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2021-03-11
[86] 2019-09-16 (PCT/US2019/051343)
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[30] US (62/828,975) 2019-04-03

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[25] EN
[54] **METHODS FOR REDUCING AGGREGATION OF BISPECIFIC ANTIBODIES**
[54] **METHODES PERMETTANT DE REDUIRE L'AGREGATION D'ANTICORPS BISPECIFIQUES**
[72] JAGANNATHAN, BHARADWAJ, US
[72] HUH, JOON, US
[72] TREUHEIT, MICHAEL, US
[72] SHAN, DAXIAN, US
[71] AMGEN INC., US
[85] 2021-03-11
[86] 2019-09-27 (PCT/US2019/053462)
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[30] US (62/739,542) 2018-10-01

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[25] EN
[54] **FURO[3,4-B]PYRROLE-CONTAINING BTK INHIBITOR**
[54] **INHIBITEUR DE BTK CONTENANT DU FURO[3,4-B]PYRROLE**
[72] ZHANG, YINSHENG, CN
[72] XU, HONGJIANG, CN
[72] REN, JING, CN
[72] WANG, QINGLIN, CN
[72] WU, ZHEYANG, CN
[72] JIN, CHAO, CN
[72] SHI, WEI, CN
[72] WANG, XIAOJIN, CN
[72] HE, XIANGYI, CN
[72] CHANG, XIAYUN, CN
[72] WANG, JIE, CN
[72] ZHAO, TIANXIAO, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2021-03-12
[86] 2019-09-12 (PCT/CN2019/105584)
[87] (WO2020/052628)
[30] CN (201811072116.0) 2018-09-14

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[51] **Int.Cl. C09K 8/68 (2006.01) B01F 1/00 (2006.01) C08J 3/075 (2006.01) C09K 8/88 (2006.01)**
[25] EN
[54] **PROCESS OF FRACTURING SUBTERRANEAN FORMATIONS**
[54] **PROCEDE DE FRACTURATION DE FORMATIONS SOUTERRAINES**
[72] EL-TOUFAILI, FAISSAL-ALI, DE
[72] LOESCH, DENNIS, DE
[72] SCHMIDT, ANNA-CORINA, DE
[72] ZIMMERMANN, TOBIAS JOACHIM, DE
[72] OSTERMAYR, MARKUS, DE
[72] TINSLEY, JACK, US
[72] BUSBY, BRENT, US
[71] BASF SE, DE
[85] 2021-03-12
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[87] (WO2020/079148)
[30] EP (18201102.3) 2018-10-18

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[51] **Int.Cl. C09D 5/00 (2006.01) C09D 7/65 (2018.01) C09K 3/14 (2006.01)**
[25] EN
[54] **SLIP-RESISTANT COATING, METHOD OF COATING A SUBSTRATE AND A COATED SUBSTRATE**
[54] **REVETEMENT ANTIGLISSANT, PROCEDE DE REVETEMENT D'UN SUBSTRAT ET SUBSTRAT REVETU**
[72] WANG, CHIA, US
[72] MULLEN, BRIAN, US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2021-03-11
[86] 2019-09-27 (PCT/US2019/053685)
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[30] US (62/739,136) 2018-09-28

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[13] A1
[51] **Int.Cl. B65G 15/14 (2006.01) B67B 3/26 (2006.01)**
[25] EN
[54] **DEVICE FOR TRANSPORTING STANDING CONTAINERS BETWEEN CLAMPING BELTS**
[54] **DISPOSITIF SERVANT AU TRANSPORT DE CONTENANTS EN POSITION VERTICALE ENTRE DES COURROIES DE SERRAGE**
[72] HEUFT, BERNHARD, DE
[72] KASDORF, OLGA, DE
[71] HEUFT SYSTEMTECHNIK GMBH, DE
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[54] **METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **METHODE DE FORMATION DE FILM DE REVETEMENT MULTICOUCHE**
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[71] KANSAI PAINT CO., LTD., JP
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[54] **TELEPHONE EXCHANGE, HOLD TONE NOTIFICATION METHOD, AND HOLD TONE NOTIFICATION PROGRAM**
[54] **STANDARD TELEPHONIQUE, PROCEDE DE DISTRIBUTION DE SON EN ATTENTE ET PROGRAMME DE DISTRIBUTION DE SON EN ATTENTE**
[72] SHIMIZU, YOSUKE, JP
[71] NEC PLATFORMS, LTD., JP
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[86] 2019-08-30 (PCT/JP2019/034131)
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[54] **MEDICINAL COMPOSITION CONTAINING MONOCLONAL ANTIBODY OR ANTIBODY FAB FRAGMENT THEREOF, AND USE THEREOF**
[54] **COMPOSITION MEDICALE CONTENANT UN ANTICORPS MONOCLONAL OU UN FRAGMENT FAB D'ANTICORPS ET UTILISATION ASSOCIEE**
[72] WANG, JU-MING, CN
[72] LEE, I-CHEN, CN
[72] HSIAO, YU-WEI, CN
[72] CHI, JHIH-YING, CN
[72] DU, JYUN-YI, CN
[72] LIANG, HSIN-YIN, CN
[72] CHENG, CHAO-CHUN, CN
[72] KO, CHIUNG-YUAN, CN
[72] CHEN, FENG-WEI, CN
[72] LIU, JHIH-YUN, CN
[71] OHEALTH BIOPHARMACEUTICAL (SUZHOU) CO., LTD., CN
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[54] **MEDICAMENT FOR MITIGATING CONDITIONS AND/OR SUPPRESSING ONSET OF PERIPHERAL NEUROPATHY INDUCED BY ANTI-MALIGNANT TUMOR AGENT**
[54] **MEDICAMENT POUR SOULAGER LES SYMPTOMES DE NEUROPATHIE PERIPHERIQUE PROVOQUEE PAR UN MEDICAMENT ANTICANCEREUX ET/OU INHIBER L'APPARITION D'UNE NEUROPATHIE PERIPHERIQUE**
[72] SAKAI, TAKUMI, JP
[72] KUSAKAWA, GENICHI, JP
[72] UCHIDA, YUGO, JP
[71] ASAHI KASEI PHARMA CORPORATION, JP
[85] 2021-03-12
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[54] **ANTICORPS ANTI-PD-L1 HUMAINS**
[72] FANG, LEI, CN
[72] YANG, YUANYUAN, CN
[72] WANG, ZHENGYI, CN
[72] GUO, BINGSHI, CN
[72] CUI, FEIFEI, CN
[71] I-MAB BIPPHARMA US LIMITED, CN
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[54] **COMPOSITIONS ET METHODES D'UTILISATION D'UNE COMBINAISON DE CURCUMINE ET D'UN ACIDE GRAS OMEGA-3 POUR L'ENERGIE CELLULAIRE**
[72] BOUTRY, CLAIRE, CH
[72] BREUILLE, DENIS, CH
[72] FEIGE, JEROME, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] **INSTALLATION DE CABLES DANS UN RESEAU DE CONDUITS**
[72] GRIFFIOEN, WILLEM, NL
[71] PLUMETTAZ HOLDING S.A., CH
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[54] **A MEDICAL DEVICE FOR IMPROVING FUNCTION OF A HEART VALVE**
[54] **DISPOSITIF MEDICAL D'AMELIORATION DE LA FONCTION D'UNE VALVULE CARDIAQUE**
[72] KERANEN, OLLI, SE
[71] MEDTENTIA INTERNATIONAL LTD OY, FI
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[54] **PHARMACEUTICAL COMBINATIONS FOR TREATING TUMOR COMPRISING ANTI-CD19 ANTIBODY AND NATURAL KILLER CELL**
[54] **ASSOCIATIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE TUMEURS, COMPRENANT UN ANTICORPS ANTI-CD19 ET UNE CELLULE TUEUSE NATURELLE**
[72] HER, JUNG HYUN, KR
[72] JUNG, MI YOUNG, KR
[72] GWON, SU HYUN, KR
[72] LIM, HO YONG, KR
[72] CHO, SUNG YOO, KR
[72] WON, SUNG YONG, KR
[72] HWANG, YU KYEONG, KR
[72] JAN, ENDELL, DE
[72] RAINER, BOXHAMMER, DE
[71] GREEN CROSS LAB CELL CORPORATION, KR
[71] MORPHOSYS AG, DE
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[25] EN
[54] **VOID FRACTION CALIBRATION METHOD**
[54] **PROCEDE D'ETALONNAGE DE FRACTION DE VIDE**
[72] EDWARD, GILES, GB
[72] PARKER, ALAN DAVID, GB
[71] M-FLOW TECHNOLOGIES LIMITED, GB
[85] 2021-03-12
[86] 2019-09-11 (PCT/GB2019/052531)
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[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMICALLY ACCESSING MEDIA ASSETS**
[54] **SYSTEME ET PROCEDE D'ACCES DYNAMIQUE A DU CONTENU MULTIMEDIA**
[72] CAIN, JAMES WESTLAND, GB
[71] GRASS VALLEY LIMITED, GB
[85] 2021-03-12
[86] 2019-09-13 (PCT/GB2019/052572)
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[54] **ASSAY**
[54] **DOSAGE**
[72] LOWE, PHILL, GB
[72] KEATCH, STEVEN ALEXANDER, GB
[72] MCGUIGAN, BRIAN, GB
[72] BELLO, LOIS, GB
[72] SLEVIN, CHRIS, GB
[72] LANG, DAVID, GB
[72] DILLEEN, JOHN, GB
[71] LUMIRADX UK LTD, GB
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[25] EN
[54] **COMPOSITION FOR TREATING FIBROTIC DISEASES, COMPRISING BENZHYDRYL THIOACETAMIDE COMPOUND AS ACTIVE INGREDIENT**
[54] **COMPOSITION DESTINEE A TRAITER DES MALADIES FIBROTIQUES, COMPRENANT UN COMPOSE BENZHYDRYL THIOACETAMIDE EN TANT QUE PRINCIPE ACTIF**
[72] SUH, SUK-HYO, KR
[72] KIM, SEONG-JIN, KR
[71] CELLIONBIOMED INC., KR
[85] 2021-03-12
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[54] **TURNTABLE STRUCTURE, MOPPING DEVICE AND ROBOT**
[54] **STRUCTURE DE PLAQUE ROTATIVE, DISPOSITIF DE SERPILLIERE ET ROBOT**
[72] ZHANG, JUNBIN, CN
[72] HUANG, JIBIAO, CN
[72] LIN, WEIJIN, CN
[71] YUNJING INTELLIGENCE TECHNOLOGY (DONGGUAN) CO., LTD., CN
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[54] **RESEAUX DE MICROPHONES**
[72] HAFIZOVIC, INES, NO
[72] BERG, TROND, NO
[72] NYVOLD, STIG, NO
[71] SQUAREHEAD TECHNOLOGY AS, NO
[85] 2021-03-12
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[51] **Int.Cl. G08B 13/12 (2006.01) G06F 21/86 (2013.01)**
[25] EN
[54] **ELECTRONIC ANTI-TAMPER DEVICE**
[54] **DISPOSITIF ELECTRONIQUE ANTI-PIRATAGE**
[72] MOBLEY, CHRISTOPHER, GB
[71] BLUESKYTEC LTD, GB
[85] 2021-03-12
[86] 2019-09-16 (PCT/GB2019/052598)
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[51] **Int.Cl. C07D 271/10 (2006.01) A61K 31/4245 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOUND CONTAINING OXADIAZOLE, AND PHARMACEUTICAL COMPOSITION CONTAINING SAME**
[54] **COMPOSE CONTENANT DE L'OXADIAZOLE, ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**
[72] RYU, CHOON HO, KR
[72] HAN, MIN SOO, KR
[72] YOON, YEO JIN, KR
[72] KIM, YU JIN, KR
[72] LEE, KA EUN, KR
[72] LEE, JU YOUNG, KR
[72] JUNG, MYUNG JIN, KR
[72] BAEK, EUN HEE, KR
[72] SHIN, YU JIN, KR
[72] CHOI, EUN JU, KR
[72] KANG, YOUNG SOON, KR
[72] KIM, YONG SOO, KR
[72] SONG, YEA MI, KR
[72] KIM, JIN SUNG, KR
[72] LIM, HEE JEONG, KR
[71] SK BIOPHARMACEUTICALS CO., LTD., KR
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[51] **Int.Cl. A23P 20/10 (2016.01) A23P 20/13 (2016.01) A23P 20/18 (2016.01)**
[25] EN
[54] **SYSTEM FOR PROCESSING FOODSTUFF**
[54] **SYSTEME DE TRAITEMENT D'ALIMENTS**
[72] GAMBLE, PETER JOHN, GB
[71] POLAR SYSTEMS LIMITED, GB
[85] 2021-03-12
[86] 2019-09-17 (PCT/GB2019/052619)
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[51] **Int.Cl. G06K 9/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **IMAGE MANAGEMENT WITH REGION-BASED METADATA INDEXING**
[54] **GESTION D'IMAGE PRESENTANT UNE INDEXATION DE METADONNEES FONDEE SUR UNE REGION**
[72] WALLER, CRAIG, US
[71] REWYNDR, LLC, US
[85] 2021-03-09
[86] 2019-09-09 (PCT/US2019/050179)
[87] (WO2020/055733)
[30] US (62/729,411) 2018-09-10
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[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] O'ROURKE, DOUGLAS JAMES, GB
[72] SANDERS, ALAN, GB
[72] CORRIGAN, JOSEPH PETER, GB
[72] RILEY, JAMES JOSEPH, GB
[72] CLARKE, CHRISTOPHER JOHN, GB
[71] NORTON HEALTHCARE LIMITED, GB
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[54] **DISPOSITIF DE LAME DE BALAYAGE AVEC LAMES REGLABLES**
[72] MICHEL, HUGO, CA
[72] BERGERON, MARCO, CA
[72] MICHEL, STEPHAN, CA
[71] USINAGE PRO24 INC., CA
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[54] **THREE WHEELED VEHICLE FRAME ARRANGEMENT**
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[72] HOLROYD, JAMES A. J., US
[72] ZILIAK, MARK ALAN, US
[72] ARAMAYO, GUSTAVO A., US
[72] WIEST, MATHEW BRADLEY, US
[72] UTTER, BRIAN T., US
[72] BENNETT, JEFFREY D., US
[72] HOHENSTEIN, JASON J., US
[72] TOMOLILLO, VITTORIO, US
[72] GASS, DONALD BRETT, DE
[71] POLARIS INDUSTRIES INC., US
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[25] EN
[54] **SIDE-BY-SIDE VEHICLE**
[54]
[72] DECKARD, AARON D., US
[72] SAFRANSKI, BRIAN M., US
[72] SUNSDAHL, RICHARD L., US
[72] SCHNEIDER, MICHAEL D., US
[72] HANTEN, MICHAEL J., US
[72] JOHNSON, CAL W., US
[72] VAN BRONKHORST, KEVIN, US
[71] POLARIS INDUSTRIES INC., US
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[54] **CRYSTALLINE FORMS OF DIAZABICYCLOOCTANE DERIVATIVE AND PRODUCTION PROCESS THEREOF**
[54] **CRISTAUX DE DERIVE DE DIAZABICYCLOOCTANE ET PROCEDE DE PRODUCTION DE CRISTAUX DE DERIVE DE DIAZABICYCLOOCTANE**
[72] ABE, TAKAO, JP
[72] FURUUCHI, TAKESHI, JP
[72] SAKAMAKI, YOSHIAKI, JP
[72] MITSUHASHI, NAKAKO, JP
[72] SAITO, YUMIKO, JP
[71] MEIJI SEIKA PHARMA CO., LTD., JP
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[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[62] 2,980,805
[30] GB (1505305.1) 2015-03-27
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[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES D NS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
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[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
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[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[13] A1
[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54]
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
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[62] 2,980,805
[30] GB (1505305.1) 2015-03-27
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54]
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[22] 2016-03-24
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[30] GB (1505305.1) 2015-03-27
[30] US (62/139,189) 2015-03-27

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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[22] 2016-03-24
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[54] **MEASUREMENT AND CONTROL OF BITUMEN-CONTAINING PROCESS STREAMS**
[54] **MESURE ET CONTROLE DE FLUX DE TRAITEMENT CONTENANT DU BITUME**
[72] FENG, ENBO, CA
[72] KADALI, RAMESH, CA
[71] SUNCOR ENERGY INC., CA
[22] 2013-11-29
[41] 2014-05-30
[62] 2,834,980
[30] US (61/732,143) 2012-11-30

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[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/40 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **SHOULDER PROSTHESIS WITH VARIABLE INCLINATION HUMERAL HEAD COMPONENT**
[54] **PROTHESE D'EPAULE AVEC UN COMPOSANT DE TETE HUMERALE A INCLINAISON VARIABLE**
[72] SPERLING, JOHN W., US
[72] TREAT, AARON C., US
[72] KLINE, BRUCE R., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[22] 2014-03-04
[41] 2014-09-12
[62] 2,903,390
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[30] US (61/774,969) 2013-03-08

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[54] **BLOOD TREATMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE SANG**
[72] WILT, MICHAEL J., US
[72] VAN DER MERWE, DIRK A., US
[72] DALE, JAMES D., US
[72] TRACEY, BRIAN D., US
[72] GRANT, KEVIN L., US
[72] DEMERS, JASON A., US
[72] FLYNN, CATHARINE N., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[22] 2014-03-14
[41] 2014-09-18
[62] 2,906,849
[30] US (61/793,275) 2013-03-15

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[51] **Int.Cl. B61L 23/00 (2006.01) B61L 3/12 (2006.01) B61L 15/00 (2006.01) B61L 27/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSMITTING ENFORCEABLE INSTRUCTIONS IN POSITIVE TRAIN CONTROL SYSTEMS**
[54] **PROCEDE ET SYSTEME POUR TRANSMETTRE DES INSTRUCTIONS EXECUTOIRES DANS DES SYSTEMES DE COMMANDE INTEGRALE DES TRAINS**
[72] RUHLAND, KRISTOFER M., US
[72] SHAW, KAREN A., US
[72] FENSKE, JAMES L., US
[71] WABTEC HOLDING CORP., US
[22] 2013-09-20
[41] 2014-03-27
[62] 2,882,207
[30] US (61/703,531) 2012-09-20

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[54] **AQUEOUS ACID CLEANING, CORROSION AND STAIN INHIBITING COMPOSITIONS IN THE VAPOR PHASE COMPRISING A BLEND OF NITRIC AND SULFURIC ACID**
[54] **COMPOSITIONS ANTI-CORROSION ET ANTI-TACHES, DE NETTOYAGE A L'ACIDE AQUEUX EN PHASE VAPEUR COMPRENANT UN MELANGE D'ACIDE NITRIQUE ET D'ACIDE SULFURIQUE**
[72] SCHACHT, PAUL F., US
[72] SCHMIDT, ERIC V., US
[71] ECOLAB USA INC., US
[22] 2012-01-05
[41] 2012-07-12
[62] 2,819,124
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[54] **HAND-HELD CONFORMABLE SANDING BLOCK**
[54] **BLOC DE PONCAGE CONFORMABLE PORTATIF**
[72] LIN, BANG FANG, CN
[71] TRADE ASSOCIATES, INC., US
[22] 2013-10-02
[41] 2014-04-10
[62] 2,999,472
[30] US (61/709,048) 2012-10-02
[30] US (14/044,567) 2013-10-02

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[51] **Int.Cl. F16B 23/00 (2006.01) B21K 1/56 (2006.01) F16B 35/00 (2006.01) F16B 37/00 (2006.01)**
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[54] **HOLLOW METAL SCREW AND METHOD OF MAKING**
[54] **VIS METALLIQUE CREUSE ET PROCEDE DE FABRICATION**
[72] HUTTER, CHARLES G., US
[71] PHYSICAL SYSTEMS, INC., US
[22] 2015-07-07
[41] 2016-01-14
[62] 2,954,530
[30] US (62/021,623) 2014-07-07
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[54] **VIRTUAL AUTOCALIBRATION OF SENSORS**
[54] **AUTOETALONNAGE VIRTUEL DES CAPTEURS**
[72] STRASKY, DOUGLAS G., CA
[72] KALF, ERIK W., CA
[72] WALTS, BRIAN, CA
[71] USNR, LLC, US
[22] 2018-11-06
[41] 2019-05-06
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[54] **LED LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES**
[72] FONTECCHIO, ADAM K., US
[72] SHELDON, DONALD, US
[72] EISELE, ERIC JON, US
[71] DELOS LIVING, LLC, US
[22] 2010-10-07
[41] 2011-04-14
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[51] **Int.Cl. A61B 5/055 (2006.01)**
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[54] **MR SPECTROSCOPY SYSTEM AND METHOD FOR DIAGNOSING PAINFUL AND NON-PAINFUL INTERVERTEBRAL DISCS**
[54] **SYSTEME DE SPECTROSCOPIE A RESONANCE MAGNETIQUE ET METHODE DE DIAGNOSTIC DE DISQUES INTERVERTEBRAUX DOULOUREUX ET NON DOULOUREUX**
[72] PEACOCK, JAMES C., III, US
[72] CLAUDE, JOHN P., US
[72] KANE, PAUL H., US
[72] LOTZ, JEFFREY C., US
[71] NOCIMED, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[41] 2011-04-21
[62] 2,814,481
[30] US (12/579,371) 2009-10-14

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[54] **POSITION INDICATOR FOR VALVES**
[54] **INDICATEUR DE POSITION POUR VALVES**
[72] CLARK, KENNETH A., US
[72] BRANDT, JARED AARON, US
[72] VANDERBURG, RALPH WILLIAM, US
[71] MUELLER INTERNATIONAL, LLC, US
[22] 2013-05-24
[41] 2013-11-28
[62] 2,872,549
[30] US (61/651,962) 2012-05-25

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[25] EN
[54] **POSITION INDICATOR FOR VALVES**
[54] **INDICATEUR DE POSITION POUR VALVES**
[72] CLARK, KENNETH A., US
[72] BRANDT, JARED AARON, US
[72] VANDERBURG, RALPH WILLIAM, US
[71] MUELLER INTERNATIONAL, LLC, US
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[41] 2013-11-28
[62] 2,872,549
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[51] **Int.Cl. B65G 15/64 (2006.01) B65G 21/06 (2006.01) B65G 39/12 (2006.01) B65G 39/16 (2006.01)**
[25] EN
[54] **RETURN BELT TRACKING IDLER FOR CONVEYOR BELT SYSTEM**
[54] **GALET TENDEUR DE COURROIE DE RETOUR POUR SYSTEME DE COURROIE TRANSPORTEUSE**
[72] WOLFE, CALEB, US
[72] FARROW, GLENN E., US
[72] SMITH, CHRISTOPHER S., US
[71] RICHWOOD INDUSTRIES INC., US
[22] 2016-02-29
[41] 2017-06-01
[62] 3,042,529
[30] US (62/258,822) 2015-11-23
[30] US (15/052,824) 2016-02-24

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[54] **POSITION INDICATOR FOR VALVES**
[54]
[72] CLARK, KENNETH A., US
[72] BRANDT, JARED AARON, US
[72] VANDERBURG, RALPH WILLIAM, US
[71] MUELLER INTERNATIONAL, LLC, US
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[41] 2013-11-28
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[25] EN
[54] **METHOD OF SYNTHESIZING THYROID HORMONE ANALOGS AND POLYMORPHS THEREOF**
[54] **PROCEDE DE SYNTHESE D'ANALOGUES DE L'HORMONE THYROIDIENNE ET DE SES POLYMORPHES**
[72] HESTER, D. KEITH, US
[72] DUGUID, ROBERT J., US
[72] KELLY, MARTHA, US
[72] CHASNOFF, ANNA, US
[72] DONG, GANG, US
[72] CROW, EDWIN L., US
[72] TAUB, REBECCA, US
[72] REYNOLDS, CHARLES H., US
[72] CHOI, DUK SOON, US
[72] SHU, LIANHE, US
[72] WANG, PING, US
[71] F. HOFFMANN-LA ROCHE LTD., CH
[71] MADRIGAL PHARMACEUTICALS, INC., US
[22] 2013-09-17
[41] 2014-03-20
[62] 2,884,481
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[54] **WATER FILTER SYSTEM**
[54] **SYSTEME DE FILTRATION D'EAU**
[72] KRUCKENBERG, CHRISTOPHER A., US
[72] MORRISON, JOHN W., US
[72] SPINDLER, JEFFREY A., US
[71] WHIRLPOOL CORPORATION, US
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[25] EN
[54] **TRACKED VEHICLE WITH ROTATING UPPER STRUCTURE AND PROCESSES THEREFOR**
[54] **VEHICULE A CHENILLES A STRUCTURE SUPERIEURE ROTATIVE ET PROCEDES ASSOCIES**
[72] PELOQUIN, STEPHANE, CA
[72] THIBAULT, JONATHAN, CA
[71] PRINOTH LTD, CA
[22] 2017-07-20
[41] 2018-01-25
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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **ENGINEERED ANTIBODY CONSTANT REGIONS FOR SITE-SPECIFIC CONJUGATION AND METHODS AND USES THEREFOR**
[54] **REGIONS CONSTANTES D'ANTICORPS MODIFIES POUR CONJUGAISON SPECIFIQUE A UN SITE, ET LEURS PROCEDES ET UTILISATIONS**
[72] BIKKER, JACK, US
[72] BENNETT, ERIC, US
[72] CALABRO, VALERIE, US
[72] TUMEY, L. NATHAN, US
[72] GRAZIANI, EDMUND, US
[72] MARQUETTE, KIMBERLY, US
[72] TCHISTIAKOVA, LIOUDMILA, US
[71] PFIZER INC., US
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[54] **DYNAMIC ADJUSTMENT OF WRAP FORCE PARAMETER RESPONSIVE TO MONITORED WRAP FORCE AND/OR FOR FILM BREAK REDUCTION**
[54]
[72] LANCASTER, PATRICK R., III, US
[72] MITCHELL, MICHAEL P., US
[72] JOHNSON, RICHARD L., US
[72] MCCRAY, JEREMY D., US
[71] LANTECH.COM, LLC, US
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[54] **USER INTERFACE FOR AUTOMATED FLOWS WITHIN A CLOUD BASED DEVELOPMENTAL PLATFORM**
[54] **INTERFACE UTILISATEUR DE FLUX AUTOMATISES DANS UNE PLATEFORME DE DEVELOPPEMENT NUAGIQUE**
[72] DIAS, REBECCA, US
[72] BRENNAN, MARK, US
[72] STARK, NICHOLAS, US
[71] SERVICENOW, INC., US
[22] 2018-05-03
[41] 2018-11-05
[62] 3,003,773
[30] US (62/502,258) 2017-05-05
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[51] **Int.Cl. A62B 35/04 (2006.01)**
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[54] **ENERGY ABSORBER**
[54] **ABSORBEUR D'ENERGIE**
[72] PERNER, JUDD J., US
[71] D B INDUSTRIES, LLC, US
[22] 2013-04-16
[41] 2013-11-07
[62] 2,871,510
[30] US (13/463,986) 2012-05-04

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[25] EN
[54] **METHODS AND SYSTEMS FOR IMPROVING THE RELIABILITY OF ORTHOGONALLY REDUNDANT SENSORS**
[54] **PROCEDES ET SYSTEMES POUR AMELIORER LA FIABILITE DE DETECTEURS ORTHOGONALEMENT REDONDANTS**
[72] VARSAVSKY, ANDREA, US
[72] LI, XIAOLONG, US
[72] LIU, MIKE C., US
[72] ZHONG, YUXIANG, US
[72] YANG, NING, US
[71] MEDTRONIC MINIMED, INC., US
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[41] 2015-06-25
[62] 2,931,955
[30] US (61/916,632) 2013-12-16
[30] US (14/260,755) 2014-04-24
[30] US (14/261,077) 2014-04-24
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[54] **PRECUT PROCESSING OF LOGS**
[54] **TRAITEMENT DE PRECOUPE DE BILLOTS**
[72] BLOMQUIST, CHRISTOPHER W., US
[71] USNR/KOCKUMS CANCAR COMPANY, US
[22] 2016-03-31
[41] 2016-05-31
[62] 2,925,587
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[51] **Int.Cl. G10L 19/00 (2013.01) G10L 19/022 (2013.01) G10L 19/16 (2013.01) H04L 12/951 (2013.01) G10L 13/06 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INCREASING TRANSMISSION BANDWIDTH EFFICIENCY ("EBT2")**
[54]
[72] MARKO, PAUL, US
[72] SINHA, DEEPEN, US
[72] AGGRAWAL, HARIOM, US
[71] SIRIUS XM RADIO INC., US
[22] 2012-09-26
[41] 2013-04-04
[62] 2,849,974
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[51] **Int.Cl. F03D 9/43 (2016.01) F03D 3/04 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **INTERNAL MOUNTED CYLINDRICAL TURBINE FOR ELECTRICITY GENERATION USING EXTERIOR FLUSH AND SCOOP INTAKES**
[54] **TURBINE CYLINDRIQUE INSTALLEE DE MANIERE INTERNE DESTINEE A LA PRODUCTION D'ELECTRICITE EMPLOYANT LES ENTREES EXTERIEURES D'ORIFICE NOYE**
[72] COFFMAN, MATTHEW A., US
[71] THE BOEING COMPANY, US
[22] 2017-01-13
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[51] **Int.Cl. A61M 15/08 (2006.01) A61M 11/00 (2006.01) A61M 11/02 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **NASAL DRUG DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT PAR VOIE NASALE**
[72] HOEKMAN, JOHN D., US
[72] HITE, MICHAEL, US
[72] BRUNELLE, ALAN, US
[72] RELETHFORD, JOEL, US
[72] HO, RODNEY J. Y., US
[71] IMPEL NEUROPHARMA INC., US
[22] 2012-03-05
[41] 2012-09-07
[62] 2,828,884
[30] US (61/449,008) 2011-03-03
[30] US (61/451,935) 2011-03-11
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[51] **Int.Cl. A61M 15/00 (2006.01) A61M 11/00 (2006.01)**
[25] EN
[54] **DOSE COUNTERS FOR INHALERS, INHALERS AND SHAFTS THEREOF**
[54] **COMPTEURS DE DOSES POUR INHALATEURS, INHALATEURS ET TIGES ASSOCIEES**
[72] KARG, JEFFREY A., US
[72] DEREK, FENLON, IE
[72] WALSH, DECLAN, IE
[72] KAAR, SIMON, IE
[72] HAZENBERG, JAN GEERT, IE
[72] BUCK, DAN, IE
[72] CLANCY, PAUL, IE
[72] USCHOLD, ROBERT CHARLES, US
[71] IVAX PHARMACEUTICALS IRELAND, IE
[71] TEVA PHARMACEUTICALS IRELAND, IS
[71] NORTON (WATERFORD) LIMITED, IE
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[41] 2011-11-24
[62] 3,019,694
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[51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/32 (2006.01) A61M 39/08 (2006.01) A61M 39/20 (2006.01)**
[25] EN
[54] **INFUSION SET WITH SAFETY DEVICE**
[54] **PERFUSION D'INSULINE AVEC DISPOSITIF DE SECURITE**
[72] HWANG, CHARLES, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2013-10-01
[41] 2014-04-05
[62] 2,828,832
[30] US (13/646,582) 2012-10-05

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[25] EN
[54] **SAFETY NEEDLE ASSEMBLY WITH THREADED, MANUALLY MOVABLE SHIELD**
[54] **ENSEMBLE AIGUILLE DE SECURITE AVEC BOUCLIER FILETE DEPLACABLE A LA MAIN**
[72] LIMAYE, AMIT UDAY, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2012-04-20
[41] 2012-10-28
[62] 3,019,681
[30] US (13/096,121) 2011-04-28

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[51] **Int.Cl. C07D 209/08 (2006.01) A61K 31/404 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING MOLINDONE AND ITS SALTS**
[54] **PROCEDE DE PRODUCTION DE MOLINDONE ET DE SES SELS**
[72] HANBAUER, MARTIN, AT
[72] NAZIR, ZARGHUN, AT
[72] HILDEBRAND, PETER, AT
[72] FIGINI, ATTILIA, CH
[72] LIANG, LIKAN, US
[72] FUMAGALLI, TIZIANO, IT
[71] SUPERNUS PHARMACEUTICALS INC., US
[22] 2013-03-15
[41] 2014-03-20
[62] 2,884,179
[30] US (61/701,007) 2012-09-14

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[51] **Int.Cl. H04L 27/34 (2006.01) H03M 13/11 (2006.01) H03M 13/27 (2006.01) H04L 1/22 (2006.01)**
[25] EN
[54] **TRANSMITTER APPARATUS AND SIGNAL PROCESSING METHOD THEREOF**
[54] **APPAREIL TRANSMETTEUR ET PROCEDE DE TRAITEMENT DU SIGNAL CORRESPONDANT**
[72] JEONG, HONG-SIL, KR
[72] MYUNG, SE-HO, KR
[72] KIM, KYUNG-JOONG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2014-07-04
[41] 2015-01-08
[62] 2,917,422
[30] US (61/843,114) 2013-07-05
[30] US (61/864,758) 2013-08-12
[30] KR (10-2013-0125664) 2013-10-21
[30] US (61/897,480) 2013-10-30
[30] KR (10-2014-0026298) 2014-03-05
[30] KR (10-2014-0083647) 2014-07-04

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[54] **SYSTEME ET PROCEDE DE GESTION DE CARTES PREPAYEES**
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[72] HYLTON, ANTHONY, US
[72] MATTHEWS, MARK, US
[71] WALMART APOLLO, LLC, US
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
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[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
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[54] **SYSTEME ET PROCEDE DE VANNE DE DISTRIBUTION DE LIQUIDE**
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[72] ELDRETH, EDWARD K., US
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[54] **DISPOSITIFS ET PROCEDES DE SECURITE PHARMACEUTIQUE**
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[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
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[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
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[72] STEVERMANN, LEA, DE
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[54] **PREPARATION DE PRODUIT DE PROTEINE DE SOJA SOLUBLE A PARTIR DE MASSE MICELLAIRE DE PROTEINE DE SOJA (« S200CA »)**
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[72] SCHWEIZER, MARTIN, CA
[72] GREEN, BRENT E., CA
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[54] **PROCEDE ET COMPOSES POUR L'INHIBITION DU COMPLEXE MCM ET LEUR APPLICATION DANS LE TRAITEMENT ANTICANCEREUX**
[72] WANG, ZIYI, CN
[72] LIANG, CHUN, CN
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[54] **STRATIFIES COMPOSITES AYANT DES MOTIFS DE TROU PRODUITS PAR LA MISE EN PLACE CONTROLEE DES FIBRES**
[72] BUTLER, GEOFFREY ALLEN, US
[72] JOHNSON, BRICE A., US
[72] HUGHES, JESSICA R., US
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