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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

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

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

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

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

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

None

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

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

Aucun

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

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

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

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

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

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

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

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

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

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

4. Late payment fee

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

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$295**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

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

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

4. Taxe pour paiement tardif

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

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **295 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

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

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

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

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

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

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

13. Énoncé de pratique

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

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

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

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

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

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

Offices.

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

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

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

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

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

14. Correspondence Procedures

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

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

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

CIPO Web Link for correspondence procedures pertaining to Trademarks and Industrial Design:
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr00633.html

Publication date: May 10, 2017
Amendment date: June 17, 2019

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14. Procédures de correspondance

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

Lien Web pour le RPBB :
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h_wr00720.html

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

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

Date de publication : 10 mai 2017
Date de modification : 17 juin 2019

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

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

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

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

1. Physical Delivery of Correspondence and Written Communications to CIPO

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

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

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

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

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

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

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

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

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

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

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

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

Le formulaire de paiements des frais devrait toujours être

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

Download the Fee Payment Form.

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

Téléchargez le formulaire de paiement des frais.

1.1 Designated Establishments

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

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

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

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

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

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

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

1.1 Établissements désignés

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

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

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

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

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

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

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

except statutory holiday

- Innovation, Science and Economic Development Canada
  Canada Place
  9700 Jasper Avenue, Suite 725
  Edmonton AB T5J 4C3
  Tel.: 780-495-4782
  Toll-free: 1-800-461-2646

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

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

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

l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Canada Place
  9700, avenue Jasper, pièce 725
  Edmonton (Alberta) T5J 4C3
  Tél. : 780-495-4782
  Sans frais : 1-800-461-2646

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

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

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

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

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

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

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

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

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

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

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

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

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

2. Electronic Correspondence

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

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

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

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

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

2. Correspondance électronique

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

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

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

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

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

open for business.

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

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

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

2.1 Facsimile

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

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

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

(819) 934-3833

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

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

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

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

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

2.1 Correspondance par télécopieur

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

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

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

(819) 934-3833

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

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

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

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

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

Patents

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

Brevets

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

2.2 Online

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

2.2 En ligne

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

Patents

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

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

Brevets

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

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

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

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

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

Trademarks

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

Marques de commerce

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

accessing the following pages:

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

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

Opposition proceedings before the Trademarks Opposition Board

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

Section 45 proceedings before the Trademarks Opposition Board

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

:

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

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

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

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

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

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

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

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

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

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

Industrial Designs

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

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

Dessins industriels

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

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

Integrated Circuit Topographies

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

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

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

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

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

2.3 Supports électroniques

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

Brevets

Patents

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Electronic Media accepted by the Patent Office

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

Trademarks and Industrial Design

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

Supports électroniques acceptés par le Bureau des brevets

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

Marques de commerce et dessins industriels

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

3. Details Concerning the Electronic Formats Accepted

Patents

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

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

When applicable, the Patent Office will accept files in the

3. Précisions concernant les formats électroniques acceptés

Brevets

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

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

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

TIFF Format:

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

PDF Format:

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

ASCII

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

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

Format TIFF

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

Format PDF

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

ASCII

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

Trademarks

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

Industrial Design

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

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

Marques de commerce

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

Dessins industriels

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

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

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

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

5. Time Period Extensions

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

5. Prorogation des délais

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Time period extensions under the Copyright and Integrated Circuit Topography Acts

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

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

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

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

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

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

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

Time period extensions under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

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

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

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

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

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

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

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

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

Time period extensions under the Madrid Protocol and the Hague Agreement

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6. Procédures en cas de fermeture des bureaux

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

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

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

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

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

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

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

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

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

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

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

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

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

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

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

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

Marques de commerce

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

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets

- Patent Rules
- Regulations under the PCT
- Trademarks Act
- Trademarks Regulations

- Règlement d'exécution du PCT
- Loi sur les marques de commerce
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 17, 2021 contains applications open to public inspection from August 1, 2021 to August 7, 2021.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 17 août 2021 contient les demandes disponibles au public pour consultation pour la période du 1 août 2021 au 7 août 2021.

Canadian Patents Issued

August 17, 2021

Brevets canadiens délivrés

17 août 2021

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[54] **METHOD OF INHIBITING BIOMATERIAL-INDUCED PROCOAGULANT ACTIVITY USING COMPLEMENT INHIBITORS**
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[25] EN
[54] **ISOLATED POLYNUCLEOTIDES AND POLYPEPTIDES, AND METHODS OF USING SAME FOR INCREASING ABIOTIC STRESS TOLERANCE, YIELD, GROWTH RATE, VIGOR, BIOMASS, OIL CONTENT, AND/OR NITROGEN USE EFFICIENCY OF PLANTS**
[54] **POLYNUCLEOTIDES ET POLYPEPTIDES ISOLES, ET LEURS PROCEDES D'UTILISATION POUR L'AUGMENTATION DE LA TOLERANCE AU STRESS ABIOTIQUE, DU RENDEMENT, DE LA VITESSE DE CROISSANCE, DE LA VITALITE, DE LA BIOMASSE, DE LA TENEUR EN HUILE, ET/OU DE L'EFFICACITE DE L'UTILISATION D'AZOTE DES PLANTES**
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[54] **PROCEDE ET APPAREIL POUR UTILISER DES REGLES DE FILTRAGE DE DIFFUSION EN CONTINU**
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[72] HEROUX, ROBERT, CA
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[54] **ENSEMBLES, SYSTEMES ET PROCEDES DE LEVAGE DE ROULEAU**
[72] RAMSEY, JOHN A., US
[72] KNAPP, JASON N., US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
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[54] **SYSTEMS AND METHODS FOR IDENTIFYING WEAK BUSES IN AN ELECTRICAL POWER SYSTEM**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION DE BUS FAIBLES DANS UN SYSTEME D'ALIMENTATION ELECTRIQUE**
[72] KELAPURE, SHEKHAR MADHUKARRAO, IN
[72] KOLWALKAR, AMOL RAJARAM, IN
[72] GADIRAJU, KASI VISWANADHA RAJU, IN
[72] KANABAR, MITALKUMAR GULABRAI, CA
[72] VOLOH, ILIA, CA
[73] GENERAL ELECTRIC COMPANY, US
[86] (2846943)
[87] (2846943)
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[25] EN
[54] **DISPOSABLE DIAPER RECYCLING AND APPLICATIONS THEREOF**
[54] **RECYCLAGE DE COUCHES JETABLES ET APPLICATIONS**
[72] ZHANG, WEI, US
[72] YANG, HAILING, US
[73] ZYNNOVATION LLC, US
[85] 2014-03-21
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[54] **ROTATING ELECTRONIC DISPLAY MOUNT**
[54] **MONTAGE D'AFFICHAGE ELECTRONIQUE ROTATIF**
[72] BOER, JONATHAN L., US
[72] ANDERSON, KALEB, US
[73] ROSEMOUNT AEROSPACE INC., US
[86] (2851883)
[87] (2851883)
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[54] **CONSTANT SEAL GAPS FOR REMOVABLE VEHICLE PANELS**
[54] **ESPACES A JOINT D'ETANCHEITE CONSTANT POUR PANNEAUX DE VEHICULE AMOVIBLES**
[72] JEAKLE, PATRICK T., US
[72] SAJE, STEVE, US
[73] CONTINENTAL STRUCTURAL PLASTICS, INC., US
[86] (2854588)
[87] (2854588)
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[54] **LOADING VIALS**
[54] **CHARGEMENT DE FLACONS**
[72] JONES, DAVID E., US
[72] RIRIE, KIRK MAX, US
[72] THATCHER, STEPHANIE ANNE, US
[72] KILLPACK, JARRETT AVERY, US
[73] BIOFIRE DIAGNOSTICS, LLC, US
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[54] **WASH RESISTANT COMPOSITIONS CONTAINING AMINOSILICONE**
[54] **COMPOSITIONS RESISTANTES AU LAVAGE CONTENANT DE L'AMINOSILICONE**
[72] COLACO, ALLWYN, US
[72] WEI, XIAOLAN, US
[72] MEI, BING C., US
[73] AVON PRODUCTS, INC., US
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[54] **APPARATUS AND METHOD FOR MODIFYING A GEOMETRY OF A TURBINE PART**
[54] **APPAREIL ET PROCEDE DESTINES A MODIFIER UNE GEOMETRIE D'UNE PIECE DE TURBINE**
[72] SABOURIN, MICHEL, CA
[72] BEAULIEU, SEBASTIEN, CA
[73] GE RENEWABLE TECHNOLOGIES, FR
[86] (2857297)
[87] (2857297)
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[54] **IMAGING APPARATUS**
[54] **APPAREIL D'IMAGERIE**
[72] SKOGLUND, ESKIL, NO
[72] SALBERG, ARNT-BORRE, NO
[73] DOLPHITECH AS, NO
[86] (2858409)
[87] (2858409)
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[54] **SYNTHETIC VOACANGINE**
[54] **VOACANGINE SYNTHETIQUE**
[72] MORIARTY, ROBERT M., US
[73] DEMERX, INC., US
[85] 2014-06-09
[86] 2013-01-24 (PCT/US2013/022874)
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[25] EN
[54] **ELECTRONIC DEVICE WITH CAPACITIVE TOUCH-SENSITIVE DISPLAY**
[54] **DISPOSITIF ELECTRONIQUE A AFFICHEUR TACTILE CAPACITIF**
[72] LAI, JACKSON CHI SUN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-06-18
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[25] EN
[54] **PEPTIDE ANTAGONISTS OF THE CALCITONIN CGRP FAMILY OF PEPTIDE HORMONES AND THEIR USE**
[54] **ANTAGONISTES PEPTIDIQUES DE LA FAMILLE CALCITONINE CGRP D'HORMONES PEPTIDIQUES ET LEUR UTILISATION**
[72] SOARES, CHRISTOPHER J., US
[73] SOARES, CHRISTOPHER J., US
[85] 2014-07-16
[86] 2013-01-25 (PCT/US2013/023260)
[87] (WO2013/112912)
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[25] EN
[54] **DAIRY PRODUCTS WITH ADDED DAIRY MINERALS AND METHODS OF PRODUCING DAIRY PRODUCTS WITH ADDED DAIRY MINERALS**
[54] **PRODUITS LAITIERS CONTENANT DES MINERAUX LAITIERS AJOUTES ET PROCEDES DE PRODUCTION DE PRODUITS LAITIERS CONTENANT DES MINERAUX LAITIERS AJOUTES**
[72] CRIEZIS, ANTHONY WILLIAM, US
[72] CAMPBELL, BRUCE EDWARD, US
[72] DIERBACH, LISA ANN, US
[72] KNIGHT, TIMOTHY DAVID, US
[72] LI, HUI-CHEN, US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2014-07-28
[86] 2013-02-01 (PCT/US2013/024309)
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[54] **2K POLYURETHANE SYSTEMS WITH A HIGH GLASS-TRANSITION TEMPERATURE**
[54] **SYSTEMES DE POLYURTHANE BICOMPOSANTS A TEMPERATURE DE TRANSITION VITREUSE ELEVEE**
[72] FERENCZ, ANDREAS, DE
[72] THIELE, LOTHAR, DE
[72] SCHMIDT, TAMARA, DE
[72] BECKER, KONRAD, DE
[72] LUPP, WOLFGANG, DE
[72] ULLMANN, DUSTIN, DE
[72] OKAMOTO, OLIVER-KEI, DE
[73] HENKEL AG & CO. KGAA, DE
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[30] EP (12157299.4) 2012-02-28
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[25] EN
[54] **SENSING APPARATUS USING MULTIPLE ULTRASOUND PULSE SHAPES**
[54] **APPAREIL DE DETECTION UTILISANT DE MULTIPLES FORMES D'IMPULSIONS ULTRASONORES**
[72] SKOGLUND, ESKIL, NO
[72] SALBERG, ARNT-BORRE, NO
[72] BAARSTAD, TORE, NO
[73] DOLPHITECH AS, NO
[86] (2863883)
[87] (2863883)
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[54] **REMOVABLE FLUID BARRIER**
[54] **DIGUE AMOVIBLE**
[72] CHEWINS, ELLIOTT, CA
[73] CHEWINS, ELLIOTT, CA
[86] (2865156)
[87] (2865156)
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[54] **TIME SERIES ANALYTICS**
[54] **ANALYSE DE SERIES CHRONOLOGIQUES**
[72] AGARWAL, PUNEET, IN
[72] SHROFF, GAUTAM, IN
[72] GUPTA, RISHABH, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
[86] (2865761)
[87] (2865761)
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[25] EN
[54] **INTERNAL TURBINE COMPONENT ELECTROPLATING**
[54] **ELECTROPLACAGE DE COMPOSANT DE TURBINE INTERNE**
[72] KIRKENDALL, WILL N., US
[72] MEADE, SCOTT A., US
[72] CLEMENS, DONALD R., US
[73] HOWMET CORPORATION, US
[86] (2866479)
[87] (2866479)
[22] 2014-10-07
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[54] **METHODS AND APPARATUSES FOR POSITIONING NANO-OBJECTS WITH ASPECT RATIOS**
[54] **PROCEDES ET APPAREILS POUR LE POSITIONNEMENT DE NANO-OBJETS PRESENTANT DES RAPPORTS DE FORME**
[72] DUERIG, URS T., CH
[72] HOLZNER, FELIX, CH
[72] KNOLL, ARMIN W., CH
[72] RIESS, WALTER HEINRICH, CH
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-09-24
[86] 2013-04-25 (PCT/IB2013/053266)
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[25] EN
[54] **METHOD FOR PREHEATING A SAMPLE AND FOR DETERMINING FAT OR MOISTURE CONTENT**
[54] **PROCEDE POUR PRECHAUFFER UN ECHANTILLON ET DETERMINER UNE TENEUR EN GRAISSE OU EN HUMIDITE**
[72] COLLINS, MICHAEL J., SR., US
[72] COLLINS, JONATHAN M., US
[72] SIMPSON, COLIN L., US
[73] CEM CORPORATION, US
[85] 2014-09-26
[86] 2013-04-10 (PCT/US2013/035929)
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[30] US (61/622,497) 2012-04-10
[30] US (61/635,342) 2012-04-19
[30] US (13/858,991) 2013-04-09

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[54] **HUMANIZED TAU ANTIBODY**
[54] **ANTICORPS TAU HUMANISE**
[72] PFEIFER, ANDREA, CH
[72] MUHS, ANDREAS, CH
[72] PIHLGREN, MARIA, CH
[72] ADOLFSSON, OSKAR, CH
[72] LEUVEN, FRED VAN, BE
[72] AYALON, GAI, US
[72] DI CARA, DANIELLE MARIE, US
[72] HOTZEL, ISIDRO, US
[73] AC IMMUNE S.A., CH
[73] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[73] GENENTECH, INC., US
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[25] EN
[54] **BIS-POLYMER LIPID-PEPTIDE CONJUGATES AND NANOPARTICLES THEREOF**
[54] **CONJUGUES LIPIDES-PEPTIDES BIPOLYMERIQUES ET LEURS NANOPARTICULES**
[72] XU, TING, US
[72] DONG, HE, US
[72] SHU, JESSICA, US
[72] DUBE, NIKHIL, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[87] (WO2013/155152)
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[25] EN
[54] **A DRIVE ASSEMBLY FOR INDUSTRIAL MACHINES**
[54] **ENSEMBLE D'ENTRAINEMENT POUR MACHINES INDUSTRIELLES**
[72] SONCINA, RENATO, IT
[73] OMSI TRASMISSIONI S.P.A., IT
[86] (2870647)
[87] (2870647)
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[25] EN
[54] **HUMAN ANTIBODIES TO FEL D1 AND METHODS OF USE THEREOF**
[54] **ANTICORPS HUMAINS ANTI-FEL D1 ET LEURS PROCEDES D'UTILISATION**
[72] ORENGO, JAMIE, US
[72] MURPHY, ANDREW J., US
[73] REGENERON PHARMACEUTICALS, INC., US
[85] 2014-10-20
[86] 2013-05-02 (PCT/US2013/039192)
[87] (WO2013/166236)
[30] US (61/642,083) 2012-05-03
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[54] **OXYGEN SCAVENGING COMPOSITIONS**
[54] **COMPOSITIONS DE PIEGEAGE D'OXYGENE**
[72] BEHRENDT, KIRK, US
[72] DAUZVARDIS, MATTHEW J., US
[72] HOCH, RICHARD L., US
[73] PLASTIPAK PACKAGING, INC., US
[85] 2014-10-23
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[25] EN
[54] **METHODS OF PRODUCING AND USING REGULATORY B-CELLS**
[54] **PROCEDES DE PRODUCTION ET D'UTILISATION DE LYMPHOCYTES B REGULATEURS**
[72] EGWUAGU, CHARLES EMEKA, US
[72] WANG, REN-XI, CN
[72] YU, CHENG-RONG, US
[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[54] **MACHINE HYDRO-MOTRICE**
[72] OBERMEYER, HENRY, US
[73] OBERMEYER, HENRY, US
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[25] EN
[54] **PROCESS FOR DESIGNING DIVERGED, CODON-OPTIMIZED LARGE REPEATED DNA SEQUENCES**
[54] **PROCEDE DE CONCEPTION DE GRANDES SEQUENCES D'ADN REPETEES A DIVERGENCE ET OPTIMISATION DE CODONS**
[72] MERLO, DONALD J., US
[72] LARRINUA, IGNACIO, US
[72] BEVAN, SCOTT, US
[73] DOW AGROSCIENCES LLC, US
[85] 2015-01-13
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[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID**
[54] **COMPOSITIONS HERBICIDES COMPRENANT DE L'ACIDE 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE**
[72] MANN, RICHARD K., US
[72] YERKES, CARLA N., US
[72] SATCHIVI, NORBERT M., US
[72] SCHMITZER, PAUL R., US
[73] DOW AGROSCIENCES LLC, US
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[25] EN
[54] **A LIQUID FORMULATION OF LONG-ACTING INSULIN AND INSULINOTROPIC PEPTIDE**
[54] **FORMULATION LIQUIDE A BASE D'INSULINE A ACTION PROLONGEE ET D'UN PEPTIDE INSULINOTROPE**
[72] LIM, HYUNG KYU, KR
[72] KIM, HYUN UK, KR
[72] LEE, MI KYOUNG, KR
[72] LEE, JONG SOO, KR
[72] BAE, SUNG MIN, KR
[72] KWON, SE CHANG, KR
[73] HANMI PHARM. CO., LTD., KR
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[30] KR (10-2012-0081478) 2012-07-25

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[25] EN
[54] **A LINEAR COMPRESSOR**
[54] **COMPRESSEUR LINEAIRE**
[72] BEERS, DAVID G., US
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
[86] (2880308)
[87] (2880308)
[22] 2015-01-29
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[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING TRAFFIC WHILE PRESERVING PERSONAL PRIVACY**
[54] **SYSTEME ET PROCEDE POUR SURVEILLER LE TRAFIC TOUT EN PRESERVANT LA CONFIDENTIALITE PERSONNELLE**
[72] CANEPA, EDWARD, SA
[72] CLAUDEL, CHRISTIAN, SA
[72] SHAMIM, ATIF, SA
[72] DEHWAH, AHMAD, SA
[72] MOUSA, MUSTAFA, SA
[72] JIANG, JIMING, SA
[73] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
[85] 2015-02-04
[86] 2013-08-15 (PCT/IB2013/002259)
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[30] US (61/684,553) 2012-08-17

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[13] C
[51] **Int.Cl. A61K 38/43 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR ENHANCING INTRANASAL DELIVERY OF THERAPEUTIC AGENTS**
[54] **PROCEDES ET COMPOSITIONS POUR AMELIORER L'ADMINISTRATION INTRANASALE D'AGENTS THERAPEUTIQUES**
[72] THORNE, ROBERT GARY, US
[72] LOCKHEAD, JEFFREY JAMES, US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[86] 2013-08-15 (PCT/US2013/055066)
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[54] **ANTHRAQUINONE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES D'ANTHRAQUINONE ET UTILISATIONS CONNEXES**
[72] OGRODZINSKI, STEFAN, GB
[72] SMITH, PAUL, GB
[72] MCKEOWN, STEPHANIE, GB
[72] PATTERSON, LAURENCE, GB
[72] ERRINGTON, RACHEL JANE, GB
[73] BIOSTATUS LIMITED, GB
[85] 2015-02-06
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[30] GB (1214169.3) 2012-08-08

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[25] EN
[54] **TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] MICHAEL, LACHLAN, JP
[73] SONY CORPORATION, JP
[85] 2015-02-12
[86] 2014-06-23 (PCT/JP2014/066567)
[87] (WO2015/002007)
[30] JP (2013-141740) 2013-07-05

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[51] **Int.Cl. A61K 35/12 (2015.01) A61P 9/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TREATMENT OF BIOLOGICAL TISSUE**
[54] **METHODE ET SYSTEME DE TRAITEMENT DE TISSUS BIOLOGIQUES**
[72] MATHENY, ROBERT G., US
[73] CORMATRIX CARDIOVASCULAR, INC., US
[85] 2015-03-13
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[51] **Int.Cl. H04M 9/08 (2006.01) H04B 3/23 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACOUSTIC ECHO CANCELLATION**
[54] **SYSTEME ET PROCEDE DE SUPPRESSION DE L'ECHO ACOUSTIQUE**
[72] WYSS, FELIX IMMANUEL, US
[72] VERGIN, RIVAROL, US
[72] LYER, ANANTH NAGARAJA, US
[72] GANAPATHIRAJU, ARAVIND, IN
[72] VLACK, KEVIN CHARLES, US
[72] CHELUVARAJA, SRINATH, US
[73] INTERACTIVE INTELLIGENCE, INC., US
[85] 2015-04-20
[86] 2013-10-22 (PCT/US2013/066144)
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[30] US (61/717,156) 2012-10-23

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[51] **Int.Cl. F16K 17/14 (2006.01) F16K 17/40 (2006.01)**
[25] EN
[54] **PRESSURE RELIEF DEVICE HAVING A LASER-DEFINED LINE OF OPENING**
[54] **LIMITEUR DE PRESSION AYANT UNE LIGNE D'OUVERTURE DEFINIE AU LASER**
[72] WALKER, JOSEPH A., US
[72] SHAW, BON, US
[72] KREBILL, MICHAEL, US
[73] FIKE CORPORATION, US
[85] 2015-04-21
[86] 2013-10-30 (PCT/US2013/067392)
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PYRAZOLOPYRIMIDINE COMPOUNDS**
[54] **COMPOSES DE PYRAZOLOPYRIMIDINE**
[72] LIU, YONG, CA
[72] PAULS, HEINZ W., CA
[72] LAUFER, RADOSLAW, CA
[72] LI, SZE-WAN, CA
[72] SAMPSON, PETER BRENT, CA
[72] FEHER, MIKLOS, US
[72] NG, GRACE, CA
[72] PATEL, NARENDRA KUMAR B., CA
[72] LANG, YUNHUI, CA
[73] UNIVERSITY HEALTH NETWORK, CA
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[13] C
[51] **Int.Cl. H04W 74/08 (2009.01) H04W 84/18 (2009.01) H04B 17/00 (2015.01)**
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[54] **AN IMPROVED CHANNEL ASSESSMENT SCHEME**
[54] **SYSTEME D'EVALUATION DE CANAL AMELIORE**
[72] BADER, AHMED, JO
[73] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
[85] 2015-05-01
[86] 2013-11-08 (PCT/IB2013/003109)
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[51] **Int.Cl. A63G 1/00 (2006.01)**
[25] EN
[54] **METHOD OF MANAGING LOADING, UNLOADING, AND ROUTING OF TRACKLESS VEHICLES AND SYSTEM USING THE SAME**
[54] **PROCEDE DE GESTION DU CHARGEMENT, DU DECHARGEMENT ET DE L'ACHEMINEMENT DE VEHICULES SUR PISTE ET SYSTEME UTILISANT LE PROCEDE**
[72] BOSHEARS, MICHAEL WAYNE, US
[72] GRANT, ANDREW SCOTT, US
[72] HASS, FRANK PETER, US
[72] RUSSELL, MICHAEL DAVID, JR., US
[73] OCEANEERING INTERNATIONAL, INC., US
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[51] **Int.Cl. A47L 9/28 (2006.01) A47L 5/30 (2006.01) A47L 9/10 (2006.01)**
[25] EN
[54] **FLOOR CARE APPLIANCE**
[54] **APPAREIL D'ENTRETIEN DE PLANCHER**
[72] STEIN, THOMAS, DE
[73] STEIN & CO. GMBH, DE
[86] (2890804)
[87] (2890804)
[22] 2015-05-05
[30] DE (10 2014 006 982.6) 2014-05-05
[30] DE (10 2014 008 458.2) 2014-07-07

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[25] EN
[54] **PRMT5 INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE PRMT5 ET LEURS UTILISATIONS**
[72] DUNCAN, KENNETH W., US
[72] CHESWORTH, RICHARD, US
[72] BORIACK-SJODIN, PAULA ANN, US
[72] MUNCHHOF, MICHAEL JOHN, US
[72] JIN, LEI, US
[73] EPIZYME, INC., US
[85] 2015-06-05
[86] 2013-12-20 (PCT/US2013/077235)
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[30] US (61/790,525) 2013-03-15

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[13] C
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR IDENTIFYING PATIENT SPECIFIC DRIVER MUTATIONS**
[54] **PROCEDES ET SYSTEMES POUR IDENTIFIER DES MUTATIONS CONDUCTRICES SPECIFIQUES A UN PATIENT**
[72] ALTSCHULER, YORAM, IL
[72] TARCIC, GABI, IL
[73] NOVELLUSDX LTD., IL
[85] 2015-06-09
[86] 2014-01-16 (PCT/IL2014/050054)
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[25] EN
[54] **APPLICATOR AND CAPSULE FOR SUCH APPLICATOR**
[54] **APPLICATEUR ET CAPSULE POUR CET APPLICATEUR**
[72] DECAUX, STEPHANE, FR
[72] DECAUX, GERALDINE, FR
[72] SIMON, FLORENT, FR
[73] INDERM, FR
[85] 2015-06-15
[86] 2013-12-16 (PCT/EP2013/076776)
[87] (WO2014/091035)
[30] FR (1203433) 2012-12-15
[30] FR (12 03445) 2012-12-17

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[13] C
[51] **Int.Cl. A61M 5/158 (2006.01) A61L 29/00 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REDUCING OR PREVENTING BACKFLOW IN A DELIVERY SYSTEM**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EVITER UN REFLUX DANS UN SYSTEME DE DISTRIBUTION**
[72] SINGH, DEEP ARJUN, US
[72] ANAND, PJ, US
[72] SAMA, BLAKE, US
[73] ALCYONE LIFESCIENCES, INC., US
[85] 2015-06-17
[86] 2013-12-18 (PCT/US2013/076084)
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[30] US (61/738,850) 2012-12-18
[30] US (61/835,912) 2013-06-17

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[51] **Int.Cl. G16H 40/60 (2018.01) G16H 20/17 (2018.01) A61M 5/172 (2006.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01) H04L 12/66 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR ELECTRONIC PATIENT CARE**
[54] **SYSTEME ET APPAREIL DE SURVEILLANCE ELECTRONIQUE DES MALADES**
[72] KAMEN, DEAN, US
[72] BIASI, JOHN J., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2015-06-19
[86] 2013-12-20 (PCT/US2013/076851)
[87] (WO2014/100557)
[30] US (13/723,239) 2012-12-21
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[30] US (13/723,235) 2012-12-21
[30] US (13/723,244) 2012-12-21
[30] US (13/723,253) 2012-12-21
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[30] US (13/723,242) 2012-12-21
[30] US (13/725,790) 2012-12-21
[30] US (PCT/US12/71131) 2012-12-21
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[51] **Int.Cl. G06Q 30/06 (2012.01) G06F 21/10 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NON-DESTRUCTIVE TESTING ONLINE STORES**
[54] **SYSTEMES ET PROCEDES POUR MAGASINS EN LIGNE D'ESSAI NON DESTRUCTIF**
[72] MESSINGER, JASON HOWARD, US
[72] DOMKE, MICHAEL CHRISTOPHER, US
[72] SBIHLI, SCOTT LEO, US
[72] WARD, ROBERT CARROLL, US
[72] DE FROMONT, FRANCOIS XAVIER, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-06-29
[86] 2013-12-17 (PCT/US2013/075645)
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[30] US (13/732,281) 2012-12-31

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[13] C
[51] **Int.Cl. G01N 15/08 (2006.01) G01N 7/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODOLOGY FOR MEASURING PROPERTIES OF MICROPOROUS MATERIAL AT MULTIPLE SCALES**
[54] **APPAREIL ET METHODOLOGIE POUR MESURER DES PROPRIETES DE MATERIAU MICROPOREUX A DE MULTIPLES ECHELLES**
[72] CHERTOV, MAXIM ANDREEVICH, US
[72] SUAREZ-RIVERA, ROBERTO, US
[72] WILLBERG, DEAN M., US
[72] GREEN, SIDNEY J., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-07-08
[86] 2014-02-05 (PCT/US2014/014812)
[87] (WO2014/123966)
[30] US (61/762,617) 2013-02-08

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[13] C
[51] **Int.Cl. C12C 7/06 (2006.01) C12C 7/22 (2006.01) F28D 15/00 (2006.01) F28D 20/02 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR HEATING A FERMENTABLE STARTING MATERIAL FOR BEVERAGE PRODUCTION**
[54] **DISPOSITIF ET PROCEDE POUR LE RECHAUFFAGE D'UNE MATIERE PREMIERE FERMENTESCIBLE EN VUE DE LA PRODUCTION DE BOISSONS**
[72] WELLEDITS, ALBERT, AT
[73] O. SALM & CO. GES.M.B.H., AT
[85] 2015-08-14
[86] 2014-02-14 (PCT/EP2014/052892)
[87] (WO2014/125062)
[30] DE (10 2013 202 481.9) 2013-02-15

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[51] **Int.Cl. C23C 14/14 (2006.01) B82Y 30/00 (2011.01) B05D 1/00 (2006.01) C23C 14/24 (2006.01) C25D 3/02 (2006.01)**
[25] EN
[54] **COATINGS AND COMPOSITES INCLUDING INORGANIC FULLERENE-LIKE PARTICLES AND INORGANIC TUBULAR-LIKE PARTICLES**
[54] **REVETEMENTS ET COMPOSITES COMPRENANT DES PARTICULES DE TYPE FULLERENE INORGANIQUES ET PARTICULES DE TYPE TUBULAIRE INORGANIQUES**
[72] KVEREL, EUGENE, US
[72] DILOYAN, GEORGE, US
[72] KREIZMAN, RONEN, IL
[72] SHAPIRA, ALON, IL
[73] NANOTECH INDUSTRIAL SOLUTIONS, INC., US
[85] 2015-08-14
[86] 2014-02-18 (PCT/US2014/016907)
[87] (WO2014/130450)
[30] US (61/766,399) 2013-02-19
[30] US (61/766,898) 2013-02-20
[30] US (14/180,955) 2014-02-14
[30] US (14/180,927) 2014-02-14

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[51] **Int.Cl. A01N 51/00 (2006.01) A01N 25/10 (2006.01) A01N 25/24 (2006.01) A01N 37/46 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **SEED TREATMENT FORMULATIONS**
[54] **FORMULATIONS POUR TRAITEMENT DE SEMENCES**
[72] ARTHUR, KAREN S., US
[72] GONZALES, FRANK, US
[72] SEITZ, MICHAEL, US
[72] OGAWA, TOSHIYA, US
[73] VALENT U.S.A. CORPORATION, US
[73] SUMITOMO CHEMICAL CO., LTD., JP
[85] 2015-08-19
[86] 2014-02-20 (PCT/US2014/017360)
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[30] US (13/774,372) 2013-02-22

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[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTION OF CELLS USING ENGINEERED TRANSDUCTION PARTICLES**
[54] **SYSTEMES ET PROCEDES POUR LA DETECTION DE CELLULES UTILISANT DES PARTICULES DE TRANSDUCTION GENETIQUEMENT TRANSFORMEES**
[72] REY, DIEGO ARIEL, US
[72] ROY, SHAUNAK, US
[72] TEIXEIRA, LEONARDO M., BR
[72] GRISWOLD, RYAN C., US
[72] MATTHEWS, DAMIAN S., US
[72] OLSON, KENNETH G., US
[72] RICHARDSON, BRUCE J., US
[72] STELLMACHER, RICK V., US
[72] YEE, VICTOR H., US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-09-02
[86] 2014-03-11 (PCT/US2014/023422)
[87] (WO2014/164768)
[30] US (61/779,177) 2013-03-13
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[13] C
[51] **Int.Cl. A61B 17/068 (2006.01)**
[25] EN
[54] **CONTROL SYSTEMS FOR SURGICAL INSTRUMENTS**
[54] **SYSTEMES DE COMMANDE POUR INSTRUMENTS CHIRURGICAUX**
[72] LEIMBACH, RICHARD L., US
[72] OVERMYER, MARK D., US
[72] ADAMS, SHANE R., US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2015-09-11
[86] 2014-03-10 (PCT/US2014/022418)
[87] (WO2014/159183)
[30] US (61/782,866) 2013-03-14
[30] US (14/200,111) 2014-03-07

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[13] C
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[25] EN
[54] **BONE MARROW CONCENTRATOR**
[54] **CONCENTRATEUR DE MOELLE OSSEUSE**
[72] KERR, SEAN, US
[72] SMITH, JAY, US
[72] MOORE, MEREDITH HANS, US
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2015-09-11
[86] 2014-03-05 (PCT/US2014/020469)
[87] (WO2014/158836)
[30] US (13/826,332) 2013-03-14

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[13] C
[51] **Int.Cl. A63B 69/34 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MARTIAL ARTS TRAINING DEVICES WITH ANATOMICALLY ACCURATE FORCE, PRESSURE AND OTHER RESPONSE**
[54] **SYSTEMES ET PROCEDES DESTINES A DES DISPOSITIFS D'ENTRAINEMENT AUX ARTS MARTIAUX PRESENTANT UNE FORCE, UNE PRESSION ET AUTRE REPONSE PRECISES AU NIVEAU ANATOMIQUE**
[72] DANIELS, DAVID, US
[72] ORDINI, DAVID, US
[73] DANIELS, DAVID, US
[85] 2015-09-11
[86] 2014-03-18 (PCT/US2014/031131)
[87] (WO2014/146136)
[30] US (61/800,892) 2013-03-15

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[13] C
[51] **Int.Cl. A61F 2/44 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **PROSTHETIC SPINAL DISK NUCLEUS**
[54] **NOYAU DE DISQUE INTERVERTEBRAL PROTHETIQUE**
[72] LUTZ, JAMES DOUGLAS, US
[72] HIBRI, NADI SALAH, US
[73] SPINAL STABILIZATION TECHNOLOGIES, LLC, US
[85] 2015-09-14
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[51] **Int.Cl. A23P 30/00 (2016.01)**
[25] EN
[54] **SPHERIFICATION/REVERSE SPHERIFICATION AUTOMATED AND INTEGRATED APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE AUTOMATISE ET INTEGRE DE SPHERIFICATION ET DE SPHERIFICATION INVERSEE**
[72] SHORT, MICHAEL PHILIP, US
[72] GONZALEZ BARRIOS, XAVIER RENE, US
[72] MALDONADO, ARGELIO A., US
[73] LEMNISCATE INNOVATIONS LLC, US
[85] 2015-09-14
[86] 2014-03-12 (PCT/US2014/024718)
[87] (WO2014/159678)
[30] US (13/804,350) 2013-03-14

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[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **PET INSURANCE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ASSURANCE MALADIE POUR ANIMAUX DE COMPAGNIE**
[72] MARSHALL, KERRI E., US
[72] RAWLINGS, DARRYL, US
[72] PLOWMAN, KATIE, US
[72] CAPPELLETTI, CHRIS, US
[73] TRUPANION INC., US
[85] 2015-09-15
[86] 2014-03-14 (PCT/US2014/027042)
[87] (WO2014/152179)
[30] US (61/801,404) 2013-03-15
[30] US (14/210,079) 2014-03-13

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[13] C
[51] **Int.Cl. B60K 17/04 (2006.01) B60B 35/16 (2006.01) B60K 1/02 (2006.01) B60K 7/00 (2006.01) B60K 11/00 (2006.01)**
[25] EN
[54] **HYBRID AXLE ASSEMBLY FOR A MOTOR VEHICLE**
[54] **ENSEMBLE ESSIEU HYBRIDE POUR UN VEHICULE A MOTEUR**
[72] FALLS, BRUCE, US
[72] QUINTANA, ADRIAN, US
[72] NGUYEN, THANH, US
[72] BROWNE, MIKE, US
[72] SEFCIK, MICHAEL COLBY, US
[72] LEDFORD, KEVIN, US
[73] LINAMAR CORPORATION, CA
[73] FALLS, BRUCE, US
[73] QUINTANA, ADRIAN, US
[73] NGUYEN, THANH, US
[73] BROWNE, MIKE, US
[73] SEFCIK, MICHAEL COLBY, US
[73] LEDFORD, KEVIN, US
[85] 2015-09-15
[86] 2014-03-17 (PCT/US2014/030304)
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[30] US (61/793,593) 2013-03-15

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[25] EN
[54] **OLIGOMERISATION OF ETHYLENE TO MIXTURES OF 1-HEXENE AND 1-OCTENE**
[54] **OLIGOMERISATION DE L'ETHYLENE EN MELANGES DE 1-HEXENE ET 1-OCTENE**
[72] MAUMELA, MUNAKA CHRISTOPHER, ZA
[72] MOGOROSI, MOSES MOKGOLELA, ZA
[72] MOKHADINYANA, MOLISE STEPHEN, ZA
[72] OVERETT, MATTHEW JAMES, ZA
[72] BLANN, KEVIN, ZA
[72] HOLZAPFEL, CEDRIC WAHL, ZA
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
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[86] 2014-05-06 (PCT/IB2014/061232)
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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **COFFEE PAD WITH A RELATIVELY LARGE OUTLET OPENING FOR USE IN A COFFEE MACHINE.**
[54] **DOSETTE DE CAFE AVEC OUVERTURE DE SORTIE RELATIVEMENT GRANDE, POUR SON UTILISATION DANS UNE MACHINE A CAFE.**
[72] DE GRAAFF, GERBRAND KRISTIAAN, NL
[72] BROUWER, GUSTAAF FRANS, NL
[72] MOORMAN, CHRISTIAAN JOHANNES MARIA, NL
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2015-10-01
[86] 2014-04-03 (PCT/NL2014/050206)
[87] (WO2014/163496)
[30] NL (2010563) 2013-04-03

[11] **2,908,574**
[13] C
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **PAD WITH A RELATIVELY LARGE OUTLET OPENING COMPRISING A SOLUBLE BEVERAGE PREPARATION PRODUCT FOR USE IN A COFFEE MACHINE**
[54] **DOSETTE AVEC OUVERTURE DE SORTIE RELATIVEMENT GRANDE COMPRENANT UN PRODUIT DE PREPARATION DE BOISSON SOLUBLE POUR UTILISATION DANS UNE MACHINE A CAFE**
[72] DE GRAAFF, GERBRAND KRISTIAAN, NL
[72] BROUWER, GUSTAAF FRANS, NL
[72] MOORMAN, CHRISTIAAN JOHANNES MARIA, NL
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2015-10-01
[86] 2014-04-03 (PCT/NL2014/050209)
[87] (WO2014/163499)
[30] NL (2010562) 2013-04-03

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[13] C
[51] **Int.Cl. C07C 2/36 (2006.01) C07C 11/02 (2006.01) C07C 11/107 (2006.01) C08F 10/00 (2006.01)**
[25] EN
[54] **OLIGOMERISATION OF ETHYLENE TO MIXTURES OF 1-HEXENE AND 1-OCTENE**
[54] **OLIGOMERISATION DE L'ETHYLENE EN MELANGES DE 1-HEXENE ET 1-OCTENE**
[72] MOGOROSI, MOSES MOKGOLELA, ZA
[72] MAUMELA, MUNAKA CHRISTOPHER, ZA
[72] OVERETT, MATTHEW JAMES, ZA
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
[85] 2015-10-01
[86] 2014-05-06 (PCT/IB2014/061233)
[87] (WO2014/181248)
[30] ZA (2013/03374) 2013-05-09

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[13] C
[51] **Int.Cl. G10H 1/36 (2006.01) G11B 27/031 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR GENERATING AN AUDIO FILE**
[54] **SYSTEME ET PROCEDE POUR GENERER UN FICHIER AUDIO**
[72] KIELY, MICHAEL JOHN, IE
[72] TEE, CONOR, IE
[73] SCORE MUSIC INTERACTIVE LIMITED, IE
[85] 2015-10-06
[86] 2014-04-08 (PCT/EP2014/057068)
[87] (WO2014/166953)
[30] IE (S2013/0120) 2013-04-09

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[13] C
[51] **Int.Cl. H01B 17/26 (2006.01)**
[25] EN
[54] **HIGH VOLTAGE ELECTRIC POWER FEED-THROUGH APPARATUS**
[54] **APPAREIL DE TRAVERSEE DE PUISSANCE ELECTRIQUE HAUTE TENSION**
[72] HALLERAKER, MORTEN, NO
[72] MAYER, HELMUT, DE
[72] BITZ, GUNTER, DE
[73] EULER CERAMIC SYSTEMS AS, NO
[85] 2015-10-08
[86] 2014-04-10 (PCT/NO2014/050054)
[87] (WO2014/175744)
[30] NO (20130481) 2013-04-10

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[13] C
[51] **Int.Cl. F16C 27/06 (2006.01) B60K 17/22 (2006.01)**
[25] EN
[54] **CENTER BEARING SUPPORT**
[54] **SUPPORT DE PALIER INTERMEDIAIRE**
[72] IKEDA, MASAHIRO, JP
[73] NOK CORPORATION, JP
[85] 2015-10-30
[86] 2014-04-22 (PCT/JP2014/061214)
[87] (WO2014/181671)
[30] JP (2013-098226) 2013-05-08

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[25] EN
[54] **BIHETEROARYL COMPOUNDS AND USES THEREOF**
[54] **COMPOSES BIHETEROARYLE ET LEURS UTILISATIONS**
[72] CHEN, KEVIN X., CN
[72] DONG, LITING, CN
[72] ESTRADA, ANTHONY, US
[72] GIBBONS, PAUL, US
[72] HUESTIS, MALCOLM, US
[72] KELLAR, TERRY, US
[72] LIU, WEN, US
[72] LYSSIKATOS, JOSEPH P., US
[72] MA, CHANGYOU, CN
[72] OLIVERO, ALAN, US
[72] PATEL, SNAHEL, US
[72] SHORE, DANIEL, US
[72] SIU, MICHAEL, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-10-30
[86] 2014-04-30 (PCT/CN2014/076654)
[87] (WO2014/177060)
[30] US (61/817,966) 2013-05-01

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[13] C
[51] **Int.Cl. H02J 3/48 (2006.01) F03D 7/04 (2006.01) H02J 3/38 (2006.01) H02J 3/50 (2006.01)**
[25] EN
[54] **METHOD FOR FEEDING ELECTRICAL POWER INTO AN ELECTRICAL SUPPLY NETWORK**
[54] **PROCEDE D'INJECTION D'UNE PUISSANCE ELECTRIQUE DANS UN RESEAU DE DISTRIBUTION ELECTRIQUE**
[72] BUSKER, KAI, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-11-03
[86] 2014-05-05 (PCT/EP2014/059099)
[87] (WO2014/180781)
[30] DE (10 2013 208 474.9) 2013-05-08

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[13] C
[51] **Int.Cl. A61K 31/485 (2006.01) A61K 31/593 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **TREATMENT OF CANCER WITH NALTREXONE**
[54] **TRAITEMENT DU CANCER AVEC LA NALTREXONE**
[72] DALGLEISH, ANGUS, GB
[72] ALLEN, RACHEL, GB
[73] LDN PHARMA LIMITED, GB
[85] 2015-11-10
[86] 2014-05-12 (PCT/GB2014/051439)
[87] (WO2014/181131)
[30] GB (1308440.5) 2013-05-10

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[13] C
[51] **Int.Cl. F16L 13/14 (2006.01) F16L 33/207 (2006.01)**
[25] EN
[54] **HIGH PRESSURE PIPE COUPLING**
[54] **RACCORD DE TUYAUTERIES HAUTE PRESSION**
[72] CLOOS, PETER JEROEN, NL
[72] BRUIN, MARK JEROEN, NL
[73] PIPELIFE NEDERLAND B.V., NL
[86] (2912227)
[87] (2912227)
[22] 2015-11-12
[30] EP (14003801.9) 2014-11-12

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[13] C
[51] **Int.Cl. F02C 7/36 (2006.01)**
[25] EN
[54] **GAS TURBINES IN MECHANICAL DRIVE APPLICATIONS AND OPERATING METHODS**
[54] **TURBINES A GAZ DANS DES APPLICATIONS D'ENTRAINEMENT MECANIQUE ET PROCEDES D'EXPLOITATION**
[72] SANTINI, MARCO, IT
[72] DE IACO, MARCO, IT
[73] NUOVO PIGNONE SRL, IT
[85] 2015-11-19
[86] 2014-05-29 (PCT/EP2014/061219)
[87] (WO2014/191543)
[30] IT (FI2013A000130) 2013-05-31

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[13] C
[51] **Int.Cl. A63C 5/03 (2006.01) A63C 5/06 (2006.01)**
[25] EN
[54] **SNOWBOARD**
[54] **SNOWBOARD**
[72] WINCHESTER, GRANT GEORGE ROBERT, CA
[72] DICKIE, ROBERT G., CA
[73] WINCHESTER, GRANT GEORGE ROBERT, CA
[85] 2015-12-09
[86] 2014-06-10 (PCT/CA2014/050536)
[87] (WO2014/197983)
[30] US (13/918,207) 2013-06-14

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[13] C
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[25] FR
[54] **METHOD FOR EXFOLIATING CARBONACEOUS MATERIALS CONTAINING GRAPHITE, ASSISTED BY A DIELS-ALDER REACTION**
[54] **PROCEDE D'EXFOLIATION DE MATERIAUX CARBONES CONTENANT DU GRAPHITE, ASSISTE PAR REACTION DE DIELS-ALDER**
[72] BASSANI, DARIO, FR
[72] VERLHAC, JEAN-BAPTISTE, FR
[72] BARES, HUGO FLORIAN, FR
[73] UNIVERSITE DE BORDEAUX, FR
[73] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[85] 2015-12-09
[86] 2014-07-30 (PCT/FR2014/051976)
[87] (WO2015/015120)
[30] FR (1357602) 2013-07-31

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[13] C
[51] **Int.Cl. G01N 29/44 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FILTERING NOISE FROM ACOUSTIC ENERGY FROM A VALVE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE FILTRER LE BRUIT ISSU DE L'ENERGIE ACOUSTIQUE EN PROVENANCE D'UNE VALVE**
[72] SCHOONOVER, LARRY GENE, US
[73] DRESSER, INC., US
[85] 2015-12-15
[86] 2014-06-18 (PCT/US2014/042833)
[87] (WO2014/209695)
[30] US (13/928,991) 2013-06-27

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[13] C
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 38/16 (2006.01) B60R 13/00 (2006.01) B62D 25/12 (2006.01) B62D 65/00 (2006.01)**
[25] EN
[54] **SEMI-FINISHED HONEYCOMB PART AND SANDWICH PART**
[54] **PIECE EN NID D'ABEILLES SEMI-FINIE ET PIECE SANDWICH**
[72] WOLFSBERGER, GUENTER, AT
[73] MAGNA STEYR FAHRZEUGTECHNIK AG & CO KG, AT
[86] (2915718)
[87] (2915718)
[22] 2015-12-22
[30] EP (EP14199857.5) 2014-12-22

[11] **2,916,236**
[13] C
[51] **Int.Cl. G16B 40/10 (2019.01) C12Q 1/6844 (2018.01) G16B 25/20 (2019.01)**
[25] EN
[54] **NUCLEIC ACID AMPLIFICATION SIGNAL ACQUISITION AND SIGNAL ANALYSIS**
[54] **ACQUISITION DE SIGNAUX D'AMPLIFICATION D'ACIDES NUCLEIQUES ET ANALYSE DES SIGNAUX**
[72] BEALS, THOMAS P., US
[73] THORNE DIAGNOSTICS, INC., US
[85] 2015-12-18
[86] 2014-05-15 (PCT/US2014/038103)
[87] (WO2014/186526)
[30] US (61/823,564) 2013-05-15

[11] **2,918,061**
[13] C
[51] **Int.Cl. C10L 1/14 (2006.01) C10L 1/22 (2006.01) C10L 10/06 (2006.01) C10L 10/18 (2006.01) C10M 133/02 (2006.01)**
[25] EN
[54] **QUATERNARY AMMONIUM COMPOUNDS AS FUEL OR LUBRICANT ADDITIVES**
[54] **COMPOSES D'AMMONIUM QUATERNAIRE EN TANT QU'ADDITIFS DE CARBURANTS OU DE LUBRIFIANTS**
[72] REID, JACQUELINE, GB
[72] COOK, STEPHEN LEONARD, GB
[73] INNOSPEC LIMITED, GB
[85] 2016-01-11
[86] 2014-07-28 (PCT/GB2014/052312)
[87] (WO2015/011507)
[30] GB (1313423.4) 2013-07-26

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[13] C
[51] **Int.Cl. A61F 13/58 (2006.01) A61F 5/44 (2006.01) A61F 5/443 (2006.01) A61F 5/445 (2006.01) A61F 5/448 (2006.01) A61F 13/02 (2006.01) A61L 24/00 (2006.01)**
[25] EN
[54] **MOLDABLE ADHESIVE WAFERS**
[54] **TRANCHES ADHESIVES MOULABLES**
[72] JOHNSEN, KENNETH, US
[73] CONVATEC TECHNOLOGIES INC., US
[85] 2016-01-19
[86] 2014-05-23 (PCT/US2014/039432)
[87] (WO2015/012953)
[30] US (61/857,647) 2013-07-23

[11] **2,919,181**
[13] C
[51] **Int.Cl. B41M 7/00 (2006.01) C09D 11/00 (2014.01) B41M 5/00 (2006.01) B44C 5/04 (2006.01)**
[25] EN
[54] **INKJET PRINTING METHODS FOR MANUFACTURING OF DECORATIVE SURFACES**
[54] **PROCEDES D'IMPRESSION A JET D'ENCRE POUR LA PRODUCTION DE SURFACES DECORATIVES**
[72] DE MONDT, ROEL, BE
[72] TORFS, RITA, BE
[73] AGFA NV, BE
[85] 2016-01-22
[86] 2014-10-10 (PCT/EP2014/071718)
[87] (WO2015/058972)
[30] EP (13189662.3) 2013-10-22

[11] **2,919,458**
[13] C
[51] **Int.Cl. A61M 25/01 (2006.01) A61L 29/02 (2006.01) A61L 29/08 (2006.01) A61M 25/06 (2006.01) A61M 39/08 (2006.01)**
[25] EN
[54] **INTRODUCER SHEATH FOR RADIAL ARTERY ACCESS**
[54] **GAINE D'INTRODUCTEUR POUR ACCES ARTERIEL RADIAL**
[72] WELCH, JEFFREY M., US
[72] SUTTON, GREGG STUART, US
[73] NORMEDIX, INC., US
[85] 2016-01-26
[86] 2014-06-27 (PCT/US2014/044519)
[87] (WO2014/210427)
[30] US (61/840,764) 2013-06-28

[11] **2,919,875**
[13] C
[51] **Int.Cl. H01M 8/04 (2016.01) H01M 4/86 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL FLOW CHANNELS AND FLOW FIELDS**
[54] **CANAUX D'ECOULEMENT DE PILE A COMBUSTIBLE ET CHAMPS D'ECOULEMENT**
[72] LEGER, DAVID EARL, CA
[72] MONTIE, GREG JOHN, CA
[73] LOOP ENERGY INC., CA
[85] 2016-01-29
[86] 2013-08-14 (PCT/CA2013/050627)
[87] (WO2014/026288)
[30] US (61/683,156) 2012-08-14
[30] US (61/712,010) 2012-10-10
[30] US (61/712,236) 2012-10-10

[11] **2,920,075**
[13] C
[51] **Int.Cl. E01D 22/00 (2006.01) B66F 11/04 (2006.01) E04G 3/00 (2006.01) E06C 9/06 (2006.01)**
[25] EN
[54] **SCAFFOLD**
[54] **ECHAFAUDAGE**
[72] HYVONEN, ANTTI, FI
[72] SILTALA, TIMO, FI
[73] FAST BEAM OY, FI
[85] 2016-02-01
[86] 2014-08-06 (PCT/FI2014/050610)
[87] (WO2015/018979)
[30] FI (20135815) 2013-08-06

[11] **2,920,777**
[13] C
[51] **Int.Cl. D01F 8/14 (2006.01)**
[25] EN
[54] **ELASTIC MONOFILAMENT**
[54] **MONOFILAMENT ELASTIQUE**
[72] TANAKA, NOBUAKI, JP
[72] TSUCHIKURA, HIROSHI, JP
[72] NAKAMURA, KOTA, JP
[72] SAKAI, HIDETOSHI, JP
[72] RYOMOTO, TAKUYA, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2016-02-08
[86] 2014-08-07 (PCT/JP2014/070923)
[87] (WO2015/020163)
[30] JP (2013-166304) 2013-08-09

[11] **2,921,210**
[13] C
[51] **Int.Cl. H01M 10/0562 (2010.01) H01M 4/136 (2010.01) H01M 4/1397 (2010.01) H01M 10/058 (2010.01) H01M 4/38 (2006.01) H01M 4/58 (2010.01) H01M 4/62 (2006.01)**
[25] EN
[54] **SOLID-STATE BATTERY WITH A SULFUR-POLYACRYLONITRILE, S-CARBON COMPOSITE, OR NIS AS A POSITIVE ELECTRODE ACTIVE MATERIAL**
[54] **BATTERIE A SEMICONDUCTEURS COMPORTANT DU SOUFRE-POLYACRYLONITRILE, UN COMPOSITE DE S-CARBONE OU DU NICKEL-SOUFRE COMME MATIERE ACTIVE D'ELECTRODE POSITIVE**
[72] NOGAMI, GENKI, JP
[72] TANIGUCHI, MITSUGU, JP
[72] TAZAWA, MASARU, JP
[72] UNEMOTO, ATSUSHI, JP
[72] MATSUO, MOTOAKI, JP
[72] ORIMO, SHINICHI, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[73] TOHOKU TECHNO ARCH CO., LTD., JP
[85] 2016-02-11
[86] 2014-08-27 (PCT/JP2014/072439)
[87] (WO2015/030053)
[30] JP (2013-181579) 2013-09-02
[30] JP (2013-191048) 2013-09-13
[30] JP (2014-067825) 2014-03-28
[30] JP (2014-067826) 2014-03-28

[11] **2,921,222**
[13] C
[51] **Int.Cl. C09K 8/588 (2006.01) C08B 15/02 (2006.01) C08B 15/04 (2006.01)**
[25] EN
[54] **CRUDE OIL RECOVERY ADDITIVE COMPRISING I-TYPE CRYSTAL STRUCTURE CELLULOSE FIBERS WITH SPECIFIED NUMBER AVERAGE FIBER DIAMETERS AND ASPECT RATIOS**
[54] **ADDITIF DE RECUPERATION D'HUILE BRUTE COMPRENANT DES FIBRES DE CELLULOSEA STRUCTURE CRISTALLINE DE TYPE I AYANT DES DIAMETRES DE FIBRE MOYENS ENNOMBRE PRECIS ET DES RAPPORTS D'ASPECT**
[72] GOI, YOUSUKE, JP
[72] SABI, MINEO, JP
[72] JINNO, KAZUHITO, JP
[72] NODA, KOJI, JP
[73] DAI-ICHI KOGYO SEIYAKU CO., LTD., JP
[85] 2016-02-11
[86] 2014-08-26 (PCT/JP2014/072211)
[87] (WO2015/029960)
[30] JP (2013-180726) 2013-08-30

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[13] C
[51] **Int.Cl. A61K 35/14 (2015.01) A61K 38/18 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **BIOACTIVE COMPOSITIONS DERIVABLE FROM PLATELET CONCENTRATES, AND METHODS FOR PREPARING AND USING SAME**
[54] **COMPOSITIONS BIOACTIVES POUVANT ETRE DERIVEES DE CONCENTRES DE PLAQUETTES, ET PROCEDES DE PREPARATION ET D'UTILISATION DE CELLES-CI**
[72] WOODS, ERIK JOHN, US
[72] TAYLOR, CHRISTOPHER GREGORY, US
[73] SEXTON BIOTECHNOLOGIES, INC., US
[85] 2016-02-23
[86] 2014-08-27 (PCT/US2014/052885)
[87] (WO2015/031465)
[30] US (61/870,686) 2013-08-27

[11] **2,922,238**
[13] C
[51] **Int.Cl. F16K 5/06 (2006.01) H01M 8/06 (2016.01)**
[25] EN
[54] **HIGH-PRESSURE TRUNNION BALL VALVE AND HYDROGEN STATION USING THE SAME**
[54] **ROBINET A TOURNANT SPHERIQUE GUIDE HAUTE PRESSION ET STATION D'HYDROGENE L'UTILISANT**
[72] GOMI, TAKESHI, JP
[72] GUENTHER, RONALD, DE
[72] WATANABE, OSAMU, JP
[73] KITZ CORPORATION, JP
[85] 2016-02-23
[86] 2014-08-28 (PCT/JP2014/072593)
[87] (WO2015/030122)
[30] JP (2013-176542) 2013-08-28

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[13] C
[51] **Int.Cl. B65D 85/62 (2006.01)**
[25] EN
[54] **PACKING- AND/OR TRANSPORT UNIT**
[54] **UNITE D'EMBALLAGE ET/OU DE TRANSPORT**
[72] ANDERSEN, LARS BAUNGAARD, DK
[72] OLSEN, SIGNE MARGIT, DK
[72] JOHNSEN, CHRISTIAN, DK
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2016-02-29
[86] 2014-09-16 (PCT/EP2014/069718)
[87] (WO2015/040024)
[30] EP (13185505.8) 2013-09-23

[11] **2,922,753**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **1-(4-PYRIMIDINYL)-1H-PYRROLO[3,2-C]PYRIDINE DERIVATIVES AS NIK INHIBITORS**
[54] **DERIVES DE 1-(4-PYRIMIDINYLE)-1 H-PYRROL0[3,2-C]PYRIDINE COMME INHIBITEURS DE NIK**
[72] HYND, GEORGE, GB
[72] TISSELLI, PATRIZIA, GB
[72] CLARK, DAVID EDWARD, GB
[72] KULAGOWSKI, JANUSZ JOZEF, GB
[72] MACLEOD, CALUM, GB
[72] MANN, SAMUEL EDWARD, GB
[72] PANCHAL, TERRY AARON, GB
[72] PRICE, STEPHEN COLIN, GB
[72] MONTANA, JOHN GARY, GB
[73] JANSSEN PHARMACEUTICA NV, BE
[85] 2016-02-29
[86] 2014-09-25 (PCT/EP2014/070484)
[87] (WO2015/044267)
[30] EP (13186139.5) 2013-09-26
[30] EP (14176121.3) 2014-07-08

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[13] C
[51] **Int.Cl. E04C 2/20 (2006.01) E04C 2/34 (2006.01) E04F 13/18 (2006.01)**
[25] EN
[54] **PANEL WITH DEFINED FASTENER LOCATION**
[54] **SYSTEME ET PROCEDE D'ASSEMBLAGE DE STRUCTURE**
[72] STEINER, YIGAL, IL
[72] ASKOFI, AVI, IL
[73] KETER PLASTIC LTD., IL
[85] 2016-03-01
[86] 2014-09-03 (PCT/IL2014/050792)
[87] (WO2015/033342)
[30] US (61/873,028) 2013-09-03

[11] **2,924,420**
[13] C
[51] **Int.Cl. B28C 5/00 (2006.01) C04B 28/04 (2006.01)**
[25] EN
[54] **ADDITION OF CARBON DIOXIDE TO CONCRETE MIXTURES**
[54] **AJOUT DE DIOXYDE DE CARBONE A DES MELANGES DE BETON**
[72] WANG, JIALAI, US
[72] QIAN, XIN, US
[73] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA, US
[86] (2924420)
[87] (2924420)
[22] 2016-03-21
[30] US (62/137,528) 2015-03-24

[11] **2,924,751**
[13] C
[51] **Int.Cl. C09K 8/66 (2006.01) C09K 8/68 (2006.01) C09K 8/90 (2006.01)**
[25] EN
[54] **WELL TREATMENT FLUID COMPRISING CARBOHYDRATE-BASED THICKENER, SALT AND PROPPANT IN BASE LIQUID, AND METHODS OF PREPARATION AND USE**
[54] **FLUIDE DE TRAITEMENT DE PUITS COMPRENANT UN EPAISSISSANT A BASE D'HYDRATE DE CARBONE, UN SEL ET UN AGENT DE SOUTENEMENT DANS UN LIQUIDE DE BASE, ET PROCEDES DE PREPARATION ET D'UT ILISATION ASSOCIES**
[72] HOFSTATTER, HERBERT, AT
[73] MONTANUNIVERSITAT LEOBEN, AT
[85] 2016-03-18
[86] 2014-09-18 (PCT/EP2014/069944)
[87] (WO2015/040137)
[30] GB (1316610.3) 2013-09-18

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[13] C
[51] **Int.Cl. G08B 21/02 (2006.01)**
[25] EN
[54] **PORTABLE SYSTEM FOR MANAGING EVENTS**
[54] **SYSTEME PORTABLE POUR GESTION D'EVENEMENTS**
[72] ORDUNA, ARTHUR, US
[72] VAYNRIBER, DMITRY, US
[72] DRONEY, ANDREW, US
[72] WARD, SHY, US
[72] HAEGLEY, CYNTHIA, US
[72] MASTERSON, CLINTON, US
[72] DAVELL, BERGEN, US
[72] BEAVER, ROBERT, US
[72] NAKATANI, THOMAS, US
[73] THE ADT SECURITY CORPORATION, US
[85] 2016-03-21
[86] 2014-10-17 (PCT/US2014/061218)
[87] (WO2015/058133)
[30] US (61/892,190) 2013-10-17
[30] US (62/037,953) 2014-08-15

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[13] C
[51] **Int.Cl. D06M 15/19 (2006.01) A41D 31/04 (2019.01) A41D 31/00 (2019.01) A41D 31/02 (2019.01) D06B 11/00 (2006.01) D06M 15/564 (2006.01) D06M 23/16 (2006.01)**
[25] EN
[54] **HIGH-VISIBILITY FABRIC AND HIGH-VISIBILITY CLOTHING MADE USING THE HIGH-VISIBILITY FABRIC**
[54] **TISSU DE FIBRES A HAUTE VISIBILITE ET VETEMENT A HAUTE VISIBILITE L'UTILISANT**
[72] UOZUMI, KONOSUKE, JP
[72] HANIDA, OSAMU, JP
[72] YAMAZAKI, ITSURO, JP
[73] KANEKA CORPORATION, JP
[73] KOMATSU MATERE CO., LTD., JP
[85] 2016-04-18
[86] 2014-10-27 (PCT/JP2014/005430)
[87] (WO2015/064079)
[30] JP (2013-227317) 2013-10-31
[30] JP (2013-253526) 2013-12-06

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[13] C
[51] **Int.Cl. C12Q 1/26 (2006.01) A61K 47/68 (2017.01) C07K 1/14 (2006.01) C07K 16/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **PREPARING ANTIBODIES FROM CHO CELL CULTURES FOR CONJUGATION**
[54] **PREPARATION D'ANTICORPS A PARTIR DE CULTURES DE CELLULES CHO POUR LA CONJUGAISON**
[72] HAYES, BRADLEY, US
[72] BEAM, KEVIN, US
[72] MEYER, DAMON, US
[72] LYON, ROBERT, US
[72] VALLIERE-DOUGLASS, JOHN, US
[73] SEAGEN INC., US
[85] 2016-04-19
[86] 2014-11-21 (PCT/US2014/066889)
[87] (WO2015/077605)
[30] US (61/908,568) 2013-11-25

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[51] **Int.Cl. A61L 15/14 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL SILICONE ADHESIVE DRESSINGS COMPRISING PHMB AND EDTA**
[54] **PANSEMENTS ADHESIFS ANTIMICROBIENS EN SILICONE COMPRENANT DU POLYHEXAMETHYLENE BIGUANIDE ET DE L'ACIDE ETHYLENEDIAMINETETRAACE TIQUE**
[72] DICOSMO, FRANK, CA
[73] DICOSMO, FRANK, CA
[86] (2928330)
[87] (2928330)
[22] 2016-04-28
[30] US (62/153868) 2015-04-28

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[51] **Int.Cl. B29C 67/20 (2006.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B33Y 80/00 (2015.01) E04B 1/00 (2006.01) E04B 1/19 (2006.01) E04G 21/00 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING OF BUILDINGS AND OTHER STRUCTURES**
[54] **FABRICATION ADDITIVE DE BATIMENTS ET D'AUTRES STRUCTURES**
[72] BOYD, R. PLATT, IV, US
[73] BRANCH TECHNOLOGY, INC., US
[85] 2016-04-26
[86] 2014-10-28 (PCT/US2014/062514)
[87] (WO2015/065936)
[30] US (61/897,309) 2013-10-30

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[13] C
[51] **Int.Cl. G21F 5/015 (2006.01) G21F 5/018 (2006.01)**
[25] EN
[54] **PRODUCT CARTRIDGE FOR RADIONUCLIDE**
[54] **CARTOUCHE DE PRODUIT POUR RADIONUCLEIDE**
[72] ISENSEE, GLENN H., US
[73] NORTHSTAR MEDICAL RADIOISOTOPES LLC, US
[85] 2016-04-26
[86] 2014-10-30 (PCT/US2014/063209)
[87] (WO2015/066356)
[30] US (61/897,501) 2013-10-30

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[51] **Int.Cl. G01V 9/00 (2006.01) E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 5/10 (2006.01) G01V 5/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR JOINT INVERSION OF BED BOUNDARIES AND PETROPHYSICAL PROPERTIES FROM BOREHOLE LOGS**
[54] **MECANISME ET METHODE D'INVERSION DE JOINT DE FRONTIERES DE LITS ET DE PROPRIETES PETROCHIMIQUES DES DIAGRAPHIES DE TROUS DE FORAGE**
[72] ELKINGTON, PETER, GB
[72] CHOK, HAMED, US
[72] WHETTON, JAMES, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2929743)
[87] (2929743)
[22] 2016-05-11
[30] US (14/713,591) 2015-05-15

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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/172 (2014.01) H04N 19/423 (2014.01)**
[25] EN
[54] **IMPROVED INFERENCE OF NOOUTPUTOFPRIORPICSFLAG IN VIDEO CODING**
[54] **INFERENCE AMELIOREE D'UN DRAPEAU NOOUTPUTOFPRIORPICSFLAG DANS UN CODAGE VIDEO**
[72] WANG, YE-KUI, US
[72] CHEN, YING, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-05-10
[86] 2014-12-30 (PCT/US2014/072705)
[87] (WO2015/103231)
[30] US (61/923,530) 2014-01-03
[30] US (14/584,351) 2014-12-29

[11] **2,931,071**
[13] C
[51] **Int.Cl. G09F 3/02 (2006.01) G09F 3/00 (2006.01) G09F 3/03 (2006.01) G09F 3/14 (2006.01) G09F 3/20 (2006.01)**
[25] EN
[54] **LABEL ASSEMBLY WITH ADHESIVE CLOSURE FOR ELASTOMER LOOP**
[54] **ENSEMBLE ETIQUETTE A ELEMENT DE FERMETURE ADHESIF POUR BOUCLE ELASTOMERE**
[72] MALTAS, JEFFREY S., US
[72] WINTZ, TREVOR, US
[72] SCHILLER, DAVID, US
[72] O'DONNELL, COLIN M., US
[73] BEDFORD INDUSTRIES, INC., US
[85] 2016-05-18
[86] 2014-12-02 (PCT/US2014/068122)
[87] (WO2015/084823)
[30] US (61/911,063) 2013-12-03

[11] **2,932,435**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/53 (2006.01) A61K 31/661 (2006.01) A61P 11/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07F 9/09 (2006.01)**
[25] EN
[54] **(6S,9AS)-N-BENZYL-8-((6-(3-(4-ETHYLPIPERAZIN-1-YL)AZETIDIN-1-YL)PYRIDIN-2-YL)METHYL)-6-((2-FLUORO-4-HYDROXYPHENYL)METHYL)-4,7-DIOXO-2-(PROP-2-EN-1-YL)-OCTAHYDRO-1H-PYRAZINO[2,1-C][1,2,4]TRIAZINE-1-CARBOXAMIDE AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF**
[54] **(6S,9AS)-N-BENZYL-8-((6-(3-(4-ETHYLPIPERAZINE-1-YL)AZETIDINE-1-YL)PYRIDINE-2-YL)METHYL)((2-FLUORO-4-HYDROXYPHENYL)METHYL)(PROP-2-EN-1-YL)-OCTAHYDRO-1H-PYRAZINO[2,1-C][1,2,4]TRIAZINE-1-CARBOXAMIDE ET SELS ACCEPTABLES SUR LE PLAN PHARMACEUTIQUE**
[72] INOUE SATOSHI, JP
[72] YAMAMOTO YUJI, JP
[72] ISO KENTARO, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[73] PRISM PHARMA CO., LTD., JP
[85] 2016-06-01
[86] 2014-12-22 (PCT/JP2014/083932)
[87] (WO2015/098853)
[30] JP (2013-267687) 2013-12-25

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[13] C
[51] **Int.Cl. E06B 9/386 (2006.01) E06B 9/307 (2006.01) E06B 9/384 (2006.01)**
[25] EN
[54] **VENETIAN BLIND**
[54] **STORE VENITIEN**
[72] FONVILLE, ERIC MARIA, NL
[73] MARE BEHEER B.V., NL
[85] 2016-06-08
[86] 2014-12-15 (PCT/NL2014/050861)
[87] (WO2015/088349)
[30] NL (2011962) 2013-12-13
[30] EP (14152149.2) 2014-01-22

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[13] C
[51] **Int.Cl. B01D 27/08 (2006.01) A47J 31/06 (2006.01) A47J 31/46 (2006.01) A47J 31/60 (2006.01) A47J 47/01 (2006.01) B01D 35/02 (2006.01) C02F 1/28 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **LID FOR FILTER-AS-YOU-POUR CONTAINER SYSTEM**
[54] **COUVERCLE POUR SYSTEME DE CONTENANT A FILTRATION EN COURS DE VERSAGE**
[72] DANI, NIKHIL P., US
[72] MCDONALD, JONATHAN, US
[72] DOAN, NICOLE, US
[72] WIEGELE, JONATHAN TAYLOR, US
[73] BRITA LP, US
[85] 2016-06-08
[86] 2014-12-08 (PCT/US2014/069023)
[87] (WO2015/094739)
[30] US (14/132,134) 2013-12-18
[30] US (61/940,101) 2014-02-14

[11] **2,934,729**
[13] C
[51] **Int.Cl. C07K 14/725 (2006.01) A61K 38/17 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12N 15/12 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PRODUCING A CELL EXPRESSING A T CELL RECEPTOR**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT LA PRODUCTION D'UNE CELLULE EXPRIMANT UN RECEPTEUR DE L'ANTIGENE DES LYMPHOCYTES T**
[72] HIRANO, NAOTO, CA
[72] NAKATSUGAWA, MUNEHIDE, JP
[72] OCHI, TOSHIKI, JP
[73] UNIVERSITY HEALTH NETWORK, CA
[85] 2016-06-21
[86] 2015-01-28 (PCT/CA2015/000049)
[87] (WO2015/113140)
[30] US (61/933,048) 2014-01-29

[11] **2,936,328**
[13] C
[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/235 (2011.01) H04N 21/2381 (2011.01) H04N 21/438 (2011.01)**
[25] EN
[54] **RECEPTION APPARATUS, RECEPTION METHOD, TRANSMISSION APPARATUS, AND TRANSMISSION METHOD**
[54] **APPAREIL DE RECEPTION, METHODE DE RECEPTION, APPAREIL DE TRANSMISSION ET METHODE DE TRANSMISSION**
[72] KITAHARA, JUN, JP
[72] KITAZATO, NAOHISA, JP
[72] YAMAGISHI, YASUAKI, JP
[73] SONY CORPORATION, JP
[85] 2016-07-08
[86] 2015-10-30 (PCT/JP2015/080663)
[87] (WO2016/076137)
[30] JP (2014-231107) 2014-11-13

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[13] C
[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] EN
[54] **ACCESS DEVICE FOR CONTAINERS OF FLUIDIZABLE SUBSTANCES**
[54] **DISPOSITIF D'ACCES POUR RECIPIENTS DE SUBSTANCES FLUIDISABLES**
[72] GUALA, GIANNI, IT
[73] INDUSTRIE BORLA S.P.A., IT
[85] 2016-07-25
[86] 2015-01-30 (PCT/IB2015/050713)
[87] (WO2015/118432)
[30] IT (TO2014A000099) 2014-02-07

[11] **2,939,195**
[13] C
[51] **Int.Cl. B65B 43/12 (2006.01) B31B 70/98 (2017.01) B65B 43/14 (2006.01) B65D 71/50 (2006.01) B65D 75/58 (2006.01) B65D 85/62 (2006.01)**
[25] EN
[54] **ASSEMBLY AND METHOD FOR STORING CONTAINERS**
[54] **ENSEMBLE ET PROCEDE DE STOCKAGE DE RECIPIENTS**
[72] GEBBINK, JEROEN GERRIT ANTON, NL
[72] VERHOEVEN, STIJN ANTONIUS PETRUS, NL
[73] FUJI SEAL INTERNATIONAL, INC., JP
[85] 2016-08-09
[86] 2015-02-26 (PCT/EP2015/054052)
[87] (WO2015/128427)
[30] NL (2012330) 2014-02-26
[30] NL (2012820) 2014-05-15

[11] **2,939,514**
[13] C
[51] **Int.Cl. G01N 21/61 (2006.01) G01K 13/024 (2021.01) G01K 11/12 (2021.01) G01M 3/38 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR REMOTE SENSING OF AMOUNT OF INGREDIENTS AND TEMPERATURE OF GASES**
[54] **PROCEDE ET DISPOSITIF DE DETECTION A DISTANCE DE QUANTITE D'INGREDIENTS ET DE TEMPERATURE DE GAZ**
[72] HAGER, J. STEWART, US
[72] YEREM, GEOFFREY, US
[73] HAGER ENVIRONMENTAL AND ATMOSPHERIC TECHNOLOGIES, LLC, US
[85] 2016-08-11
[86] 2015-02-13 (PCT/US2015/015791)
[87] (WO2015/123507)
[30] US (14/180,512) 2014-02-14

[11] **2,939,737**
[13] C
[51] **Int.Cl. F16K 27/04 (2006.01) E03C 1/042 (2006.01) F16K 11/078 (2006.01)**
[25] EN
[54] **SANITARY FITTING**
[54] **ROBINETTERIE SANITAIRE**
[72] LANGE, LUTZ, DE
[73] FLUHS DREHTECHNIK GMBH, DE
[85] 2016-08-15
[86] 2015-01-26 (PCT/EP2015/051474)
[87] (WO2015/135675)
[30] DE (20 2014 101 116.1) 2014-03-12

[11] **2,940,034**
[13] C
[51] **Int.Cl. B60P 1/43 (2006.01) B62D 33/027 (2006.01) B62D 63/04 (2006.01) B65G 67/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE AND COLLAPSIBLE APPARATUS FOR LOADING AND UNLOADING PICKUP TRUCK CARGO BEDS**
[54] **APPAREILLAGE REGLABLE ET ECRASABLE DESTINE AU CHARGEMENT ET AU DECHARGEMENT DE PLATEFORMES DE CHARGEMENT DE CAMION**
[72] VIPOND, RYAN R., CA
[73] VIPOND, RYAN R., CA
[86] (2940034)
[87] (2940034)
[22] 2016-08-25
[30] US (62/213,447) 2015-09-02

[11] **2,940,108**
[13] C
[51] **Int.Cl. E05C 19/14 (2006.01)**
[25] EN
[54] **TOOL OPERATED CHANNEL LATCH**
[54] **LOQUET DE CANAL ACTIONNE PAR UN OUTIL**
[72] HELSLEY, THOMAS JOHN, US
[73] HARTWELL CORPORATION, US
[85] 2016-08-17
[86] 2015-02-18 (PCT/US2015/016388)
[87] (WO2015/126950)
[30] US (61/941,288) 2014-02-18

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[13] C
[51] **Int.Cl. B29C 65/34 (2006.01) B23K 11/16 (2006.01) B29C 70/28 (2006.01) B29C 70/46 (2006.01)**
[25] EN
[54] **RESISTIVE IMPLANT WELDING CARBON FIBER THERMOPLASTICS USING HIGHLY CONDUCTIVE MESH**
[54] **SOUDAGE PAR IMPLANT RESISTIF DE THERMOPLASTIQUES EN FIBRES DE CARBONE A L'AIDE D'UNE MAILLE HAUTEMENT CONDUCTRICE**
[72] GRGAC, STEVEN, CA
[72] ELAGHA, AHMED, CA
[73] MAGNA INTERNATIONAL, INC., CA
[85] 2016-08-29
[86] 2015-04-06 (PCT/IB2015/052485)
[87] (WO2015/155669)
[30] US (61/978,042) 2014-04-10

[11] **2,941,841**
[13] C
[51] **Int.Cl. A61K 31/7028 (2006.01) A61P 27/02 (2006.01) A61K 36/88 (2006.01)**
[25] EN
[54] **COMPOSITIONS BASED ON SAFFRON FOR THE PREVENTION AND/OR TREATMENT OF DEGENERATIVE EYE DISORDERS.**
[54] **COMPOSITIONS A BASE DE SAFRAN POUR LA PREVENTION ET/OU LE TRAITEMENT DE TROUBLES OCULAIRES DEGENERATIFS.**
[72] BISTI, SILVIA, IT
[72] MACCARONE, RITA, IT
[72] MAGGI, MARIA ANNA, IT
[73] HORTUS NOVUS SRL, IT
[85] 2016-09-07
[86] 2015-03-20 (PCT/IB2015/052053)
[87] (WO2015/145316)
[30] IT (MI2014A000533) 2014-03-28

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[13] C
[51] **Int.Cl. C08L 21/00 (2006.01) B60C 1/00 (2006.01) C08C 19/28 (2006.01) C08K 3/04 (2006.01) C08K 3/36 (2006.01) C08L 15/00 (2006.01)**
[25] EN
[54] **RUBBER COMPOSITION COMPRISING MODIFIED LIQUID BUTADIENE RUBBER**
[54] **COMPOSITION DE CAOUTCHOUC COMPRENANT UN CAOUTCHOUC DE BUTADIENE LIQUIDE MODIFIE**
[72] KODA, DAISUKE, JP
[72] HIRATA, KEI, JP
[73] KURARAY CO., LTD., JP
[85] 2016-09-09
[86] 2015-03-10 (PCT/JP2015/056903)
[87] (WO2015/137295)
[30] JP (2014-051806) 2014-03-14

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[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 50/30 (2016.01) A61B 90/00 (2016.01) A61B 17/94 (2006.01)**
[25] EN
[54] **MAGNARETRACTOR SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MAGNARETRACTION**
[72] DEUTCH, TODD, US
[73] ATTRACTIVE SURGICAL, LLC, US
[86] (2942567)
[87] (2942567)
[22] 2008-11-26
[62] 2,706,860
[30] US (60/996,575) 2007-11-26

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[13] C
[51] **Int.Cl. C02F 3/32 (2006.01) C02F 3/12 (2006.01) C02F 3/34 (2006.01) C02F 11/02 (2006.01) C02F 11/04 (2006.01) C12N 1/12 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **PRODUCING ALGAL BIOMASS AND PRODUCTS FROM ORGANIC SOLID MATERIAL**
[54] **PRODUCTION DE BIOMASSE ET DE PRODUITS D'ALGUES A PARTIR D'UNE MATIERE ORGANIQUE SOLIDE**
[72] JU, LU-KWANG, US
[72] LI, CONG, US
[72] XIAO, SUO, US
[73] THE UNIVERSITY OF AKRON, US
[85] 2015-11-25
[86] 2014-05-30 (PCT/US2014/040180)
[87] (WO2014/194174)
[30] US (61/829,311) 2013-05-31

[11] **2,946,590**
[13] C
[51] **Int.Cl. B22F 3/105 (2006.01) B33Y 10/00 (2015.01) F01D 5/18 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING METHOD FOR MAKING OVERHANGING TABS IN COOLING HOLES**
[54] **METHODE DE FABRICATION ADDITIVE DESTINEE A LA FABRICATION DE PATTES SUSPENDUES DANS LES TROUS DE REFROIDISSEMENT**
[72] BUNKER, RONALD SCOTT, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2946590)
[87] (2946590)
[22] 2016-10-27
[30] US (14/936,641) 2015-11-09

[11] **2,951,858**
[13] C
[51] **Int.Cl. B29C 70/68 (2006.01) B29D 24/00 (2006.01) B32B 37/18 (2006.01) B32B 38/08 (2006.01) B32B 37/10 (2006.01) B32B 37/14 (2006.01) B32B 38/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING A SANDWICH COMPONENT**
[54] **PROCEDE ET DISPOSITIF DESTINES A LA FABRICATION D'UNE PIECE EN SANDWICH**
[72] WOLFSBERGER, GUENTER, AT
[73] MAGNA STEYR FAHRZEUGTECHNIK AG & CO KG, AT
[85] 2016-12-09
[86] 2015-12-21 (PCT/EP2015/080778)
[87] (WO2016/102454)
[30] EP (14199862.5) 2014-12-22

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[13] C
[51] **Int.Cl. A23L 2/54 (2006.01) A23L 2/42 (2006.01) A23L 2/52 (2006.01) A61K 8/19 (2006.01) A61K 33/00 (2006.01)**
[25] EN
[54] **HYDROGEN-CONTAINING COMPOSITION**
[54] **COMPOSITION CONTENANT DE L'HYDROGENE**
[72] LEVY, GAIL, US
[73] HYEDGE IP COMPANY, US
[85] 2016-12-13
[86] 2015-05-12 (PCT/US2015/030399)
[87] (WO2015/175547)
[30] US (61/992,049) 2014-05-12
[30] US (61/992,043) 2014-05-12
[30] US (62/116,339) 2015-02-13

[11] **2,953,300**
[13] C
[51] **Int.Cl. F01P 7/16 (2006.01) F16K 31/68 (2006.01)**
[25] EN
[54] **THERMOSTAT VALVE**
[54] **VANNE THERMOSTATIQUE**
[72] SHIMOMURA, KAZUHITO, JP
[73] NIPPON THERMOSTAT CO., LTD., JP
[85] 2016-12-21
[86] 2015-04-01 (PCT/JP2015/060343)
[87] (WO2015/198674)
[30] JP (2014-130368) 2014-06-25

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[13] C
[51] **Int.Cl. A01M 29/12 (2011.01) A01M 29/08 (2011.01) A01N 35/06 (2006.01) A01P 17/00 (2006.01)**
[25] EN
[54] **ULTRAVIOLET STRATEGY FOR AVIAN REPELLENCY**
[54] **STRATEGIE A BASE D'ULTRAVIOLETS POUR REPOUSSER LES OISEAUX**
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[54] **SOURCE DE LUMIERE PORTATIVE ALIMENTEE THERMOELECTRIQUEMENT**
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[73] MAKOTRONICS ENTERPRISES INC., CA
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[54] **DETECTION ET CARACTERISATION AMELIOREES DE SIGNAL**
[72] WILSON, DAVID BRENT, US
[72] SAVAGE, LEE M., US
[72] DIRZO, LOYRA G., US
[73] RAYTHEON COMPANY, US
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[54] **IMPROVED FUNCTIONAL ELECTRICAL STIMULATION SYSTEMS**
[54] **SYSTEMES DE STIMULATION ELECTRIQUE FONCTIONNELLE AMELIORES**
[72] LASKO, EYAL, IL
[72] SPRINGER, SHMUEL, IL
[72] RUBIN, MARK, IL
[72] DAR, AMIT, IL
[73] BIONESS NEUROMODULATION LTD., IL
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[54] **SYSTEME HAUTE RESOLUTION ET PROCEDE DE COMMANDE DE DEBITS ELEVES ET FAIBLES D'INSUFFLATION**
[72] MANTELL, ROBERT, US
[72] ANDERSEN, ERIC, US
[72] WEAVER, STEVEN, US
[72] WILKE, PAUL, US
[73] NORTHGATE TECHNOLOGIES INC., US
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[54] **ROUTEURS CONSCIENTS DE SERVICE DE RESEAU, ET LEURS APPLICATIONS**
[72] YERMAKOV, SERGEY, US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-02-27
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[54] **COMPOSES CYTOTOXIQUES ET ANTIMITOTIQUES ET LEURS PROCEDES D'UTILISATION**
[72] WINTERS, GEOFFREY C., CA
[72] RICH, JAMES R., CA
[72] GARNETT, GRAHAM ALBERT EDWIN, CA
[72] MANDEL, ALEXANDER LAURENCE, CA
[72] HSIEH, TOM HAN HSIAO, CA
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[72] ZHENG, MING HAO, AU
[73] ORTHOCELL LIMITED, AU
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[54] **MATERIEL POUR LA DISCRIMINATION CHROMATIQUE ET LE COMPTE D'ORGANISMES**
[72] MENDES OLIVEIRA E SILVA, MIGUEL AUGUSTO, PT
[72] ESCADAS RAMOS MARTINS, RUI MANUEL, PT
[72] MORTAGUA VELHO DA MAIA SOARES, AMADEU, PT
[72] NOGUEIRA DE ABREU, SIZENANDO, PT
[73] UNIVERSIDADE DE AVEIRO, PT
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[54] **ASSAYS USING BINDING MEMBERS AND REPORTER COMPOUNDS**
[54] **DOSAGES UTILISANT DES ELEMENTS DE LIAISON ET DES COMPOSES RAPPORTEURS**
[72] STEINMETZER, KATRIN, DE
[72] ERMANTRAUT, EUGEN, DE
[72] SCHULZ, TORSTEN, DE
[72] KAISER, THOMAS, DE
[72] ULLRICH, THOMAS, DE
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[54] **COMPOSITIONS ET PROCEDES PERMETTANT L'INTRODUCTION DE MICRONUTRIMENTS**
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[73] CHS INC., US
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[54] **AGENTS DE CONTRASTE CIBLE COMPRENANT UN GROUPE FONCTIONNEL D'HYDRAZIDE**
[72] ZHANG, JIDONG, CA
[72] CURRY, KEN, CA
[73] RF THERAPEUTICS INC., CA
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[54] **SYSTEME ET PROCEDES POUR IDENTIFIER DES CHAMPS ET DES TACHES**
[72] SAUDER, DOUG, US
[72] ALLGAIER, RYAN, US
[73] THE CLIMATE CORPORATION, US
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[54] **SYSTEM FOR PUMPING A BIOLOGICAL FLUID**
[54] **SYSTEMES, DISPOSITIFS ET METHODES DE POMPAGE DE LIQUIDE, ECHANGE DE CHALEUR, DETECTION THERMIQUE ET DETECTION DE CONDUCTIVITE**
[72] KAMEN, DEAN, US
[72] DEMERS, JASON A., US
[72] ALTOBELLI, DAVID E., US
[72] GRAY, LARRY B., US
[72] PERRY, N. CHRISTOPHER, US
[72] TRACEY, BRIAN, US
[72] DALE, JAMES D., US
[72] VAN DER MERWE, DIRK A., US
[72] OWENS, KINGSTON, US
[72] WILT, MICHAEL J., US
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[54] **COMPOSITIONS AND METHODS FOR DETECTION OF DRUG RESISTANT MYCOBACTERIUM TUBERCULOSIS**
[54] **COMPOSITIONS ET PROCEDES DE DETECTION DE MYCOBACTERIUM TUBERCULOSIS RESISTANT AUX MEDICAMENTS**
[72] JOHNSON, JENNY A., US
[72] MEHTA, ROCHAK, US
[72] YUEN, ANDY, US
[73] F.HOFFMANN-LA ROCHE AG, CH
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[54] **TWO-CHAMBERED STORMWATER SEPARATOR TANK**
[54] **BASSIN DE SEPARATION D'EAUX PLUVIALES A DEUX CHAMBRES**
[72] GARBON, JOEL, A., US
[72] KAHLENBERG, JORDAN, S., US
[72] FARRELL, BENJAMIN, S., US
[72] PERRY, SCOTT, D., US
[72] BYRNE, GREGORY, W., JR., US
[73] CONTECH ENGINEERED SOLUTIONS LLC, US
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[54] **ANTIOXIDANTS AND METHODS TO MAXIMIZE PERFORMANCE**
[54] **ANTIOXYDANTS ET PROCEDES POUR MAXIMISER LES PERFORMANCES**
[72] PRATT, DEREK A., CA
[72] SHAH, RONAK MAYANKBHAI, CA
[72] HAIDASZ, EVAN ANTHONY, CA
[72] VALGIMIGLI, LUCA, IT
[73] UNIVERSITY OF OTTAWA, CA
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[54] **SYSTEMS AND METHODS FOR ACCESSING CONFERENCE CALLS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'ACCEDER A DES CONFERENCES TELEPHONIQUES**
[72] SRINIVASAN, SANJAY, US
[72] POSTERT, TANNER, US
[72] LOW, LARRY, US
[72] CROXFORD, KEITH, US
[72] BAIRD, ADAM, US
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[54] **SYSTEME ET PROCEDE D'OFFRE DE CONNAISSANCES PROACTIVES**
[72] ARAVAMUDHAN, BHARATH, US
[72] MCGANN, CONOR, US
[72] NITIN, ANAND PAI KRISHNANAND, US
[72] KLEPAR, BOHDAN, US
[72] RYABCHUN, ANDRIY V., US
[72] BELL, GORDON, US
[72] GUTIERREZ, FRANCISCO, US
[72] EISNER, JOSEF ERIC, US
[72] KOROLEV, NIKOLAY I., US
[72] RISTOCK, HERBERT WILLI ARTUR, US
[72] LYPCHANSKYY, STANISLAV, US
[73] GREENEDEN U.S. HOLDINGS II, LLC, US
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[54] **PROCESS FOR RECOVERY AND MOBILIZATION OF OIL CONTAINED IN POROUS MEDIA BY TENSOACTIVE BIOMOLECULES PRODUCED BY SERRATIA MARCESCENS SMSA**
[54] **PROCEDE DE RECUPERATION ET MOBILISATION D'HUILE CONTENUE DANS UN MILIEU POREUX PAR DES BIOMOLECULES TENSIOACTIVES PRODUITES PAR SERRATIA MARCESCENS SMSA**
[72] CASTORENA CORTES, GLADYS TERESA, MX
[72] ROLDAN CARRILLO, TERESA GUADALUPE, MX
[72] OLGUIN LORA, PATRICIA, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
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[54] **SURGICAL APPARATUS FOR ARGON BEAM COAGULATION**
[54] **APPAREIL CHIRURGICAL POUR COAGULATION PAR FAISCEAU D'ARGON**
[72] BARNES, KELLI SUE, US
[72] TEMBURNI, VISHAL, US
[72] ROHLFING, MORGAN LEIGH, US
[72] RIFFELL, DANIEL, US
[72] MOODY, DEREK LITE, US
[72] BROWN, BRENDAN RING, US
[73] CONMED CORPORATION, US
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[54] **SUPPORT DE CUISSE DE DINDE**
[72] MORROW, KENNEDY, US
[73] MORROW, KENNEDY, US
[85] 2017-09-29
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[54] **DISPOSABLE MICROFLUIDIC CARTRIDGE**
[54] **CARTOUCHE MICROFLUIDIQUE JETABLE**
[72] WILD, ANDRE, CA
[72] LEAVER, TIMOTHY, CA
[72] WALSH, COLIN, US
[72] HEUCK, GESINE, CA
[72] THOMAS, ANITHA, CA
[72] ANSARI, AYSHA, CA
[72] OU, KEVIN, CA
[72] TAYLOR, R. JAMES, CA
[72] RAMSEY, EUAN, CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[30] US (62/154,043) 2015-04-28
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[54] **A DOWNHOLE FLUID PROPERTIES ANALYSIS DEVICE AND TOOLS COMPRISING SUCH A DEVICE**
[54] **DISPOSITIF D'ANALYSE DES PROPRIETES DE FLUIDE DE FOND DE TROU ET OUTILS COMPRENANT UN TEL DISPOSITIF**
[72] DONZIER, ERIC, FR
[72] ABBASSI, LINDA, FR
[72] TAVERNIER, EMMANUEL, FR
[73] OPENFIELD, FR
[85] 2017-11-03
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[54] **METHOD AND APPARATUS FOR DETERMINING FEATURES OF HOT SURFACE**
[54] **PROCEDE ET APPAREIL POUR DETERMINER DES CARACTERISTIQUES DE SURFACE CHAUDE**
[72] KAUKONEN, SAKU, FI
[72] ROININEN, JUHA, FI
[73] SAPOTECH OY, FI
[85] 2017-11-20
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[54] **PARTICULATE TISSUE GRAFT WITH COMPONENTS OF DIFFERING DENSITY AND METHODS OF MAKING AND USING THE SAME**
[54] **GREFFON TISSULAIRE EN PARTICULES A CONSTITUANTS DE DENSITES DIFFERENTES ET PROCEDES DE PREPARATION ET D'UTILISATION DE CE GREFFON**
[72] BOSLEY, RODNEY W., JR, US
[72] FETTE, CLAY, US
[72] TULLIUS, ROBERT S., US
[73] ACELL, INC., US
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[25] EN
[54] **HIGH VALUE ORGANIC-CONTAINING FERTILIZERS AND METHODS OF MANUFACTURE**
[54] **ENGRAIS CONTENANT DES MATIERES ORGANIQUES A VALEUR ELEVEE ET PROCEDES DE FABRICATION**
[72] BURNHAM, JEFFREY C., US
[72] DAHMS, GARY L., US
[72] JARRETT, BARRY R., US
[72] MURPHY, LARRY S., US
[73] ANUVIA PLANT NUTRIENTS HOLDINGS INC., US
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[51] **Int.Cl. G06F 21/60 (2013.01) G06F 21/50 (2013.01) G06F 12/16 (2006.01)**
[25] EN
[54] **OPERATING SYSTEM INDEPENDENT, SECURE DATA STORAGE SUBSYSTEM**
[54] **SYSTEME D'EXPLOITATION INDEPENDANT, SOUS-SYSTEME DE MEMORISATION DE DONNEES SECURISEE**
[72] COPELAND, SCOTT R., US
[73] VIIRII, LLC, US
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[25] EN
[54] **MULTIMEDIA MESSAGING SERVICE GATEWAY (MMSGW) SYSTEM, METHOD OF OPERATING A MULTIMEDIA MESSAGING SERVICE GATEWAY (MMSGW)SYSTEM AND A SOFTWARE PRODUCT**
[54] **SYSTEME DE PASSERELLE DE SERVICE DE MESSAGERIE MULTIMEDIA (MMSGW), PROCEDE D'EXPLOITATION D'UN SYSTEME DE PASSERELLE DE SERVICE DE MESSAGERIE MULTIMEDIA (MMSGW) ET PRODUIT LOGICIE L**
[72] CAHILL, ANTHONY, IE
[72] KEATING, COLM, IE
[73] WEBTEXT HOLDINGS LIMITED, IE
[85] 2017-12-15
[86] 2016-06-15 (PCT/US2016/037592)
[87] (WO2016/205344)
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[54] **MOLD STACK FOR INJECTION MOLDING MACHINE**
[54] **ETAGE DE MOULE POUR MACHINE DE MOULAGE PAR INJECTION**
[72] MAI, ARNOLD HEINZ, DE
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2017-12-18
[86] 2016-06-01 (PCT/CA2016/050621)
[87] (WO2017/004698)
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[54] **TIP-RETENTION DEVICE FOR USE WITH A WELDING SYSTEM**
[54] **DISPOSITIF DE RETENTION D'EMBOUT DESTINE A UN SYSTEME DE SOUDAGE**
[72] JANSMA, JEREMY L., US
[72] CENTNER, ROBERT J., US
[72] WELLS, JEFFREY G., US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2990386)
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[22] 2017-12-28
[30] US (62/452,726) 2017-01-31
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[25] EN
[54] **SHARPENING APPARATUS FOR SCISSORS**
[54] **APPAREIL D'AFFUTAGE POUR CISEAUX**
[72] JURANITCH, JOSEPH C., US
[72] JURANITCH, JOHN R., US
[73] RAZOR EDGE SYSTEMS, INC., US
[85] 2018-01-16
[86] 2016-07-13 (PCT/US2016/042082)
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[25] EN
[54] **METHOD FOR FABRICATING A COMPOSITE CONSTRUCTION ELEMENT**
[54] **PROCEDE PERMETTANT LA FABRICATION D'UN ELEMENT DE CONSTRUCTION COMPOSITE**
[72] GARDINER, JAMES BRUCE, AU
[73] LAING O'ROURKE AUSTRALIA PTY LIMITED, AU
[85] 2018-01-19
[86] 2014-08-15 (PCT/AU2014/000811)
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[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR TRACKING CORTICAL STIMULATOR LOCATIONS**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR LE SUIVI DES EMPLACEMENTS DE STIMULATEUR CORTICAL**
[72] SELA, GAL, CA
[72] CHEN, SEAN JY-SHYANG, CA
[73] SYNAPTIVE MEDICAL INC., CA
[85] 2018-02-09
[86] 2015-08-21 (PCT/IB2015/056351)
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[25] EN
[54] **ADJUSTABLE CYCLIC STICK**
[54] **MANCHE CYCLIQUE AJUSTABLE**
[72] LAVALEE, YANN, US
[72] SPINA, PASQUALE, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2997121)
[87] (2997121)
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[25] EN
[54] **ISOLATED POLYNUCLEOTIDES AND POLYPEPTIDES, AND METHODS OF USING SAME FOR INCREASING PLANT YIELD AND/OR AGRICULTURAL CHARACTERISTICS**
[54] **POLYNUCLEOTIDES ET POLYPEPTIDES ISOLES, ET PROCEDES D'UTILISATION DE CEUX-CI POUR AUGMENTER UN RENDEMENT VEGETAL ET/OU DES CARACTERISTIQUES AGRICOLES**
[72] EMMANUEL, EYAL, IL
[72] DIBER, ALEX, IL
[72] POLLOCK, SARAH RACHEL, IL
[72] KARCHI, HAGAI, IL
[73] EVOGENE LTD., IL
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[87] (2999342)
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[25] EN
[54] **METHOD OF PREPARING AND APPLICATION OF CARBON-SELENIUM COMPOSITES**
[54] **PROCEDE DE PREPARATION ET D'APPLICATION DE COMPOSITES DE CARBONE-SELENIUM**
[72] GUO, YU-GUO, CN
[72] ZHANG, SHUAIFENG, CN
[72] YIN, YAXIA, CN
[73] INSTITUTE OF CHEMISTRY, CHINESE ACADEMY OF SCIENCES, CN
[73] II-VI INCORPORATED, US
[85] 2018-03-21
[86] 2016-09-14 (PCT/US2016/051653)
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[30] CN (201510608018.4) 2015-09-22
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[54] **WORKFLOW SERVICE USING STATE TRANSFER**
[54] **SERVICE DE FLUX DE TRAVAUX UTILISANT UN TRANSFERT D'ETAT**
[72] REHAAG, AARON-KENNETH KARL, US
[72] ISLAM, ZAKIUL, US
[72] WANG, XIAOMING, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2018-03-28
[86] 2016-09-30 (PCT/US2016/054950)
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[25] EN
[54] **COMBINATION OF BCL-2 INHIBITOR AND MEK INHIBITOR FOR THE TREATMENT OF CANCER**
[54] **ASSOCIATION D'UN INHIBITEUR DE BCL-2 ET D'UN INHIBITEUR DE MEK POUR LE TRAITEMENT DU CANCER**
[72] MERCHANT, MARK, US
[72] SAMPATH, DEEPAK, US
[72] KONOPLEVA, MARINA YURIEVNA, US
[72] HAN, LINA, US
[73] GENENTECH, INC., US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-04-12
[86] 2016-11-03 (PCT/US2016/060271)
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[54] **BUMPER PROTECTION APPARATUS**
[54] **APPAREIL DE PROTECTION DE PARE-CHOCS**
[72] KRENSKY, ROBERT, CA
[73] KRENSKY, ROBERT, CA
[86] (3002316)
[87] (3002316)
[22] 2018-04-20
[30] US (62/487803) 2017-04-20

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[51] **Int.Cl. G09F 9/30 (2006.01) G09G 3/20 (2006.01) H04N 5/74 (2006.01)**
[25] EN
[54] **MULTI-HALF-TONE IMAGING AND DUAL MODULATION PROJECTION/DUAL MODULATION LASER PROJECTION**
[54] **IMAGERIE EN DEMI-TEINTES MULTIPLES ET PROJECTION A MODULATION DOUBLE/PROJECTION LASER A MODULATION DOUBLE**
[72] RICHARDS, MARTIN J., US
[72] SHIELDS, JEROME, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[86] (3002343)
[87] (3002343)
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[25] EN
[54] **CATHETER ADAPTER PROVIDING CATHETER KINK RESISTANCE**
[54] **ADAPTATEUR DE CATHETER FOURNISSANT UNE RESISTANCE A L'ENTORTILLEMENT**
[72] BURKHOLZ, JONATHAN KARL, US
[72] ATKIN, TROY, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2018-04-23
[86] 2016-10-06 (PCT/US2016/055666)
[87] (WO2017/074673)
[30] US (62/247,256) 2015-10-28
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[54] **X-RAY BASED FATIGUE INSPECTION OF DOWNHOLE COMPONENT**
[54] **INSPECTION DE LA FATIGUE AUX RAYONS X D'UNE COMPOSANTE DE FOND DE TROU**
[72] BADRAK, ROBERT P., US
[72] KOLESOV, SERGEY, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (3004218)
[87] (3004218)
[22] 2018-05-08
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[51] **Int.Cl. F24F 13/02 (2006.01)**
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[54] **INSULATED DUCT WITH AIR GAP AND METHOD OF USE**
[54] **CONDUIT ISOLE A INTERVALLE D'AIR ET SON PROCEDE D'UTILISATION**
[72] CARLAY, RONALD L., US
[72] SCHLAGETER, JOHN CULLEN, US
[72] CAMPBELL, DONALD B., US
[73] FLEXIBLE TECHNOLOGIES, INC., US
[85] 2018-05-22
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[54] **DATA RECOVERY OF DATA SYMBOLS**
[54] **RECUPERATION DE DONNEES DE SYMBOLES DE DONNEES**
[72] HAUG, STUART, US
[72] BONICATTO, DAMIAN, US
[73] LANDIS+GYR TECHNOLOGIES, LLC, US
[85] 2018-05-23
[86] 2016-01-15 (PCT/US2016/013658)
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[51] **Int.Cl. C11D 1/86 (2006.01) C11D 3/02 (2006.01) C11D 3/37 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **PRESSED MANUAL DISH DETERGENT**
[54] **DETERGENT EN COMPRIMES POUR LE LAVAGE MANUEL DE LA VAISSELLE**
[72] LO, WENDY, US
[72] OLSON, ERIK C., US
[72] MULLER, THOMAS, US
[72] BIGGS, JEFFREY JOHN, US
[72] SIVANICH, ANGELA, US
[72] MOLINARO, KATHERINE, US
[72] WEST, KELSEY, US
[72] MOLINARO, MATT, US
[73] ECOLAB USA INC., US
[85] 2018-06-04
[86] 2016-12-07 (PCT/US2016/065303)
[87] (WO2017/100267)
[30] US (14/962,064) 2015-12-08

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[54] **TEMPERATURE SENSOR ASSEMBLY**
[54] **ASSEMBLAGE DE CAPTEUR DE TEMPERATURE**
[72] SMITH, WILLIAM L., US
[73] SMITH SYSTEMS, INC., US
[86] (3009559)
[87] (3009559)
[22] 2018-06-26
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[51] **Int.Cl. C12N 15/63 (2006.01) C12N 9/10 (2006.01) C12N 9/18 (2006.01) C12P 7/64 (2006.01) C12P 19/04 (2006.01)**
[25] EN
[54] **BACTERIUM PRODUCING MONOPHOSPHORYL LIPID A AND METHOD OF PRODUCING MONOPHOSPHORYL LIPID A BY USING BACTERIUM**
[54] **BACTERIE PRODUISANT UN MONOPHOSPHORYL LIPIDE A ET PROCEDE DE PRODUCTION D'UN MONOPHOSPHORYL LIPIDE A EN UTILISANT LA BACTERIE**
[72] CHUNG, HAK SUK, KR
[72] YANG, EUN GYEONG, KR
[72] HWANG, DOHYEON, KR
[73] KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY, KR
[85] 2018-07-04
[86] 2016-12-16 (PCT/KR2016/014761)
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[25] EN
[54] **IGG SUBTYPING ASSAY FOR IDENTIFYING TRANSPLANTABLE TISSUE SAMPLES**
[54] **TEST DE SOUS-TYPAGE D'IGG POUR DETERMINER LA TRANSPLANTABILITE DE PRELEVEMENTS TISSULAIRES**
[72] RAO, PRAKASH, US
[73] NJ SHARING NETWORK, US
[85] 2018-07-04
[86] 2016-12-05 (PCT/US2016/064933)
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[30] US (62/262,636) 2015-12-03

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[51] **Int.Cl. H02J 3/06 (2006.01) H02J 3/18 (2006.01) H02J 3/38 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **ENERGIZATION CONTROL FOR ESTABLISHING MICROGRIDS**
[54] **COMMANDE D'ACTIVATION PERMETTANT D'ETABLIR DES MICRO-RESEAUX**
[72] ZIETLOW, DANIEL H., US
[72] YADUSKY, WILLIAM, US
[72] STOCKS, BENJAMIN M., US
[73] S&C ELECTRIC COMPANY, US
[85] 2018-07-17
[86] 2017-01-24 (PCT/US2017/014671)
[87] (WO2017/132113)
[30] US (62/286,667) 2016-01-25
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[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING AND DIAGNOSING TRANSFORMER HEALTH**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE ET DE DIAGNOSTIC DE SANTE DE TRANSFORMATEUR**
[72] PAMULAPARTHY, BALAKRISHNA, IN
[72] MUTHUKRISHNAN, VIJAYASARATHI, CA
[72] VINAYAGAM, BALAMOUROUGAN, CA
[72] SEVOV, LUBOMIR, CA
[73] GENERAL ELECTRIC COMPANY, US
[85] 2018-07-19
[86] 2017-01-31 (PCT/US2017/015810)
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[30] US (15/399,392) 2017-01-05
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[25] EN
[54] **METHOD AND SYSTEM FOR QUALITY EVALUATION OF A HANDHELD ANALYTICAL DEVICE**
[54] **PROCEDE ET SYSTEME D'EVALUATION DE QUALITE DE DISPOSITIF ANALYTIQUE TENU A LA MAIN**
[72] SCHWOEBEL, WOLFGANG, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-07-27
[86] 2017-02-25 (PCT/EP2017/054427)
[87] (WO2017/144713)
[30] EP (16157282.1) 2016-02-25
[30] US (15/053,074) 2016-02-25

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[25] EN
[54] **A TWO COMPONENT "MIX AND USE" LIQUID THROMBOPLASTIN REAGENT, METHODS OF MAKING, AND METHODS OF USE THEREOF**
[54] **REACTIF LIQUIDE DE THROMBOPLASTINE A DEUX COMPOSANTS "MELANGE ET UTILISATION", PROCEDES DE FABRICATION ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] CAWTHERN, KEVIN M., US
[72] BOTTENUS, RALPH E., US
[72] KUNG, CHUN, US
[73] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2018-07-31
[86] 2017-02-10 (PCT/US2017/017360)
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[25] EN
[54] **EARLY NOTIFICATION OF NON-AUTONOMOUS AREA**
[54] **AVIS RAPIDE DE ZONE NON AUTONOME**
[72] GIBSON, TIMOTHY W., US
[72] KUMAR, SURENDER, US
[72] MADIGAN, REGINA, US
[73] ALLSTATE INSURANCE COMPANY, US
[85] 2018-08-14
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[54] **MULTI-ZONED PADDLE SCREEN APPARATUS**
[54] **APPAREIL DE CRIBLAGE A PALES MULTIZONE**
[72] FRANKO, ANDREW, US
[73] FLUID QUIP, INC., US
[85] 2018-08-15
[86] 2016-01-27 (PCT/US2016/015058)
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[25] EN
[54] **PIPE SCARIFYING METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE SCARIFICATION DE TUYAU**
[72] MACNEIL, GERARD J., CA
[72] MACNEIL, JESSE, CA
[72] MACNEIL, BRETT, CA
[72] MACNEIL, GORDON, CA
[72] BOSE, VERNON, CA
[73] MAC & MAC HYDRODEMOLITION INC., CA
[86] (3014982)
[87] (3014982)
[22] 2018-08-22
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[25] EN
[54] **CODING OF AUDIO SCENES**
[54] **CODAGE DE SCENES AUDIO**
[72] PURNHAGEN, HEIKO, SE
[72] SAMUELSSON, LEIF JONAS, SE
[72] HIRVONEN, TONI, SE
[72] VILLEMOES, LARS, SE
[73] DOLBY INTERNATIONAL AB, NL
[86] (3017077)
[87] (3017077)
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[25] EN
[54] **VALVE SYSTEM AND METHOD FOR VENTING AND MEASURING A GAS CONTENT OF A FIRE SUPPRESSION SYSTEM**
[54] **SYSTEME DE SOUPAPE ET METHODE D'AERATION ET DE MESURE D'UNE TENEUR EN GAZ D'UN SYSTEME D'EXTINCTION INCENDIE**
[72] MCHUGH, GEORGE J., IV, US
[72] MCHUGH, JAMES P., US
[72] GLEESON, BENTLEY F., US
[73] AGF MANUFACTURING, INC., US
[86] (3017309)
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[51] **Int.Cl. A61K 35/76 (2015.01) A61K 31/17 (2006.01) A61K 31/4188 (2006.01)**
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[54] **SEQUENTIAL ANTI-CANCER TREATMENT**
[54] **TRAITEMENT ANTICANCEREUX SEQUENTIEL**
[72] BIGNER, DARELL D., US
[72] GROMEIER, MATTHIAS, US
[72] DESJARDINS, ANNICK, US
[72] FRIEDMAN, HENRY S., US
[72] FRIEDMAN, ALLAN H., US
[72] SAMPSON, JOHN H., US
[73] DUKE UNIVERSITY, US
[85] 2018-09-12
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[51] **Int.Cl. G07C 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO DETERMINE MAINTENANCE-FOCUSED AIRCRAFT DATA RECORDING FRAME CONFIGURATIONS**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER DES CONFIGURATIONS DE TRAME D'ENREGISTREMENT DE DONNEES D'AERONEF AXEES SUR LA MAINTENANCE**
[72] HORABIN, ROBERT WILLIAM, GB
[72] ROBBINS, MARK JOHN, GB
[72] BERMUDEZ, THOMAS ANTOINE RAYMOND, GB
[73] TALERIS GLOBAL LLP, GB
[85] 2018-09-27
[86] 2017-04-04 (PCT/EP2017/058023)
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[30] GB (1605821.6) 2016-04-05

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[54] **REGULATION AERODYNAMIQUE DE PALES D'HELICE, DE SOUFFLANTE ET D'EOLIENNE AVEC DES ALESAGES ET/OU UNE COUPE ET/OU UN CRANTAGE**
[72] CIRUS, ROBERT, HU
[72] NYIRI, ATTILA, HU
[72] CIRUS, NORBERT, HU
[73] CIRUS, ROBERT, HU
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[54] **ENSEMBLE TOURELLE**
[72] OTTOLINI, PATRIZIO GIOVANNI MATIA, NL
[72] LUTTMER, BERNARDUS RUDOLPHUS IGNATIUS, NL
[72] VAN NIELEN, JACOB JAN, NL
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[54] **THRUST REVERSER ASSEMBLY**
[54] **ENSEMBLE INVERSEUR DE POUSSEE**
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[72] HOWARTH, GRAHAM FRANK, US
[72] ROACH, ANDREW MICHAEL, US
[72] BEASMAN, TIMOTHY ROBERT, US
[73] MRA SYSTEMS, LLC, US
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[54] **DETERMINING A NUMERICAL AGE FOR GEOLOGICAL EVENTS WITHIN A SCHEME**
[54] **DETERMINATION D'UN AGE NUMERIQUE POUR DES EVENEMENTS GEOLOGIQUES DANS UN PLAN**
[72] TIEDEMANN, NICHOLAS SCOTT, US
[72] MATTHIES, NICHOLAS ALAN, US
[72] ZABORSKI, RACHEL BERNADETTE, GB
[72] COLLINS, EDWARD PATRICK ELLWYN, GB
[72] MARTIN, RICHARD JAMES, GB
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[54] **3D SPIRAL HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR EN SPIRALE 3D**
[72] LOPES, JEFFREY D., US
[73] FLUID HANDLING LLC, US
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[54] **PROCEDE ET APPAREIL DE RADIOCINEMATOGRAPHIE POUR REALISER DES ESSAIS SUR UN CASQUE DE PROTECTION**
[72] PETEL, OREN, CA
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[54] **SYSTEME D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES**
[72] EISELE, ERIC JON, US
[72] FONTECCHIO, ADAM K., US
[72] SHELDON, DONALD, US
[73] DELOS LIVING, LLC, US
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[72] SZE, KEVIN C., US
[72] KOSHKAROFF, IUSTINIA, US
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[54] **MOBILE FRACTURING PUMP TRANSPORT FOR HYDRAULIC FRACTURING OF SUBSURFACE GEOLOGICAL FORMATIONS**
[54] **TRANSPORT DE POMPE DE FRACTURATION MOBILE POUR FRACTURATION HYDRAULIQUE DE FORMATIONS GEOLOGIQUES EN SUBSURFACE**
[72] MORRIS, JEFFREY G., US
[72] JENSEN, NEAL, US
[72] BODISHBAUGH, ADRIAN BENJAMIN, US
[73] TYPHON TECHNOLOGY SOLUTIONS, LLC, US
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[54] **METHODS OF MANAGING PAIN USING DEXMEDETOMIDINE TRANSDERMAL DELIVERY DEVICES**
[54] **PROCEDES DE GESTION DE LA DOULEUR A L'AIDE DE DISPOSITIFS D'ADMINISTRATION TRANSDERMIQUE DE DEXMEDETOMIDINE**
[72] GONSALVES, ROSE MARIE, US
[72] SHUDO, JUTARO, US
[72] SONG, WAN-NING, US
[72] HWANG, STEPHEN SHIPPING, US
[73] TEIKOKU PHARMA USA, INC., US
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[54] **SYSTEME DE GENERATION D'AEROSOL A CAPTEUR DE FLUIDE**
[72] MAZUR, BEN, GB
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **SYSTEM AND METHOD FOR MEASURING TORQUE AND ANGLE**
[54] **SYSTEME ET METHODE DE MESURE D'UN COUPLE ET D'UN ANGLE**
[72] KING, JERRY A., US
[72] LEE, NATHAN J., US
[72] REYNERTSON, JOHN L., US
[72] BAUER, STEPHEN M., US
[72] LI, JIE, US
[73] SNAP-ON INCORPORATED, US
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[54] **SYSTEMS AND METHODS FOR CONTROLLING LEVELS OF PERCEIVED INTENSITY OF A SENSORY STIMULUS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE NIVEAUX D'INTENSITE PERCUE D'UN STIMULUS SENSORIEL**
[72] TYLER, DUSTIN JAMES, US
[72] GRACZYK, EMILY LAUREN, US
[72] BENSMAIA, SLIMAN JULIEN, US
[72] DELHAYE, BENOIT PIERRE, US
[72] SAAL, HANNES PHILIPP, US
[73] CASE WESTERN RESERVE UNIVERSITY, US
[73] THE UNIVERSITY OF CHICAGO, US
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[54] **UAV POUR COMMUNICATION CELLULAIRE**
[72] MURPHY, SEAN PATRICK, US
[73] T-MOBILE USA, INC., US
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[54] **SYSTEM FOR AND METHOD OF COMMUNICATING INFORMATION BETWEEN A HOST APPLICATION AND EXTERNAL SMART OBJECTS CONTROLLED BY A WEB APPLICATION**
[54] **SYSTEME ET METHODE DE COMMUNICATION DE RENSEIGNEMENTS ENTRE UNE APPLICATION HOTE ET DES OBJETS INTELLIGENTS EXTERNES CONTROLES PAR UNE APPLICATION WEB**
[72] COLE, DAVE, US
[72] VOSSOUGHI, SOHRAB, US
[72] LIRA, IGOR CORNELIO, BR
[72] LOPES, GABRIEL, US
[73] CITIFYD, INC., US
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[54] **FAST GRID SYNCHRONIZATION**
[54] **SYNCHRONISATION DE RESEAU RAPIDE**
[72] ATTIA, SID AHMED, AT
[72] ARNOLD, GEORG, AT
[73] INNIO JENBACHER GMBH & CO OG, AT
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[54] **GAMMA RAY COUNTER**
[54] **COMPTEUR DE RAYONS GAMMA**
[72] CONTRERAS, CARLOS, US
[73] PRECISION DRILLING CORPORATION, CA
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[54] **CONSTRUCTION D'ASSEMBLAGE DE BRAS ROBOTIQUE**
[72] GRAHAM, ANDREW CRISPIN, GB
[72] CURLE, JASON, GB
[72] HAWKE, TREVOR, GB
[73] GENERAL ELECTRIC COMPANY, US
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[54] **OUTILS DE TROU DE FORAGE COMPRENANT DES MATERIAUX INTELLIGENTS**
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[72] XIAO, JINJIANG, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **GUIDED-WAVE TRANSMISSION DEVICE AND METHODS FOR USE THEREWITH**
[54] **DISPOSITIF D'EMISSION D'ONDE GUIDEE ET PROCEDES DESTINES A ETRE UTILISES AVEC CE DERNIER**
[72] HENRY, PAUL SHALA, US
[72] BENNETT, ROBERT, US
[72] GERSZBERG, IRWIN, US
[72] BARZEGAR, FARHAD, US
[72] BARNICKEL, DONALD, US
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[54] **ROUTAGE INFO-SOINS DE CLIENTELE BASE SUR DES EQUIPES**
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[72] BOURCELOT, RUDY, US
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[54] **CIRCUIT BREAKER SYSTEM WITH AN INTERNAL VOLTAGE LIMITER**
[54] **SYSTEME DISJONCTEUR A LIMITEUR DE TENSION INTERNE**
[72] SHINDE, SUSHIL A., US
[72] KURINKO, CARL, US
[72] HAMMACK, GARY, US
[72] HOBURN, THOMAS, US
[72] SOTIROPOULOS, EKTOR, CH
[72] VITOLS, ARNOLD P. (DECEASED), XX
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[73] ABB POWER GRIDS SWITZERLAND AG, CH
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[54] **TOLE D'ACIER ONDULEE AYANT DES PARTIES INCLINEES COMPORTANT DES POSITIONS AJUSTEES DE TROUS D'ACCOUPLEMENT**
[72] RHEE, JONG WHA, KR
[72] LEE, JUNG HYUN, KR
[72] KIM, MOON KYUM, KR
[72] SHIN, JUN HYUM, KR
[72] LEE, CHOON WOO, KR
[72] BAEK, KYUNG SOO, KR
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[73] DAEDO TECH CO., LTD., KR
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[54] **RACCORD FILETE POUR TUYAUX EN ACIER**
[72] SUGINO, MASAAKI, JP
[72] UGAI, SHIN, JP
[73] NIPPON STEEL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
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[54] **UNITARY FLOW PATH STRUCTURE**
[54] **STRUCTURE DE TRAJET D'ECOULEMENT UNITAIRE**
[72] REYNOLDS, BRANDON ALLANSON, US
[72] BALDIGA, JONATHAN DAVID, US
[72] BILSE, ANDREW SCOTT, US
[72] NOE, MARK EUGENE, US
[72] GEISER, BRETT JOSEPH, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **UNITARY FLOW PATH STRUCTURE**
[54] **STRUCTURE DE TRAJET D'ECOULEMENT UNITAIRE**
[72] REYNOLDS, BRANDON ALLANSON, US
[72] BALDIGA, JONATHAN DAVID, US
[72] BILSE, ANDREW SCOTT, US
[72] RADWANSKI, MICHAEL TODD, US
[72] VALLEJO RUIZ, ERNESTO ANDRES, US
[72] DZIECH, AARON MICHAEL, US
[72] NOE, MARK EUGENE, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **DISPOSITIF D'ADMINISTRATION PAR CATHETER**
[72] DORN, JURGEN, DE
[73] ANGIOMED GMBH & CO. MEDIZINTECHNEK KG, DE
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[25] EN
[54] **METHOD TO ADDITIVELY MANUFACTURE A FIBER-REINFORCED CERAMIC MATRIX COMPOSITE**
[54] **PROCEDE D'IMPRESSION 3D D'UN COMPOSITE A MATRICE CERAMIQUE RENFORCEE PAR DES FIBRES**
[72] BRANDT, MILAN, AU
[72] DIETRICH, JENS, DE
[72] KELBASSA, INGOMAR, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **COORDINATION DE RESEAU DE DISTRIBUTION EN PRESENCE DE PANNES INTERMITTENTES**
[72] MONTENEGRO, ALEJANDRO, US
[72] SHARON, YOAV, US
[73] S&C ELECTRIC COMPANY, US
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[54] **REDUCTION DE BRUIT ACOUSTIQUE ET BARRIERE DE GENERATION D'ENERGIE**
[72] SURJAATMADJA, JIM BASUKI, US
[72] HUNTER, TIMOTHY HOLIMAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DEVELOPMENT OF YY MALE FISH BROODSTOCKS IN A SINGLE GENERATION**
[54] **DEVELOPPEMENT DE REPRODUCTEURS DE POISSONS MALES YY EN UNE SEULE GENERATION**
[72] SCHILL, DANIEL J., US
[73] FISHERIES MANAGEMENT SOLUTIONS, INC., US
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[25] EN
[54] **DISTANCE MEASURING DEVICE AND THREE-DIMENSIONAL SHAPE MEASURING APPARATUS**
[54] **APPAREIL DE MESURE DE LA DISTANCE ET APPAREIL DE MESURE D'UNE FORME TRIDIMENSIONNELLE**
[72] WATANABE, MASAHIRO, JP
[72] HARIYAMA, TATSUO, JP
[72] TANIGUCHI, ATSUSHI, JP
[72] MARUNO, KENJI, JP
[73] HITACHI, LTD., JP
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[54] **THREADED CONNECTION FOR OIL WELL**
[54] **RACCORD FILETE POUR TUYAU DE PUITS DE PETROLE**
[72] INOSE, KEITA, JP
[72] SUGINO, MASAAKI, JP
[72] OKADA, TAKASHI, JP
[73] NIPPON STEEL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
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[25] EN
[54] **DUAL PRODUCT H2 AND CO PRODUCTION WITH CO TURNDOWN**
[54] **PRODUIT H2 DOUBLE ET PRODUCTION DE CO AVEC DEBIT MOYEN DE CO**
[72] GENKIN, EUGENE S., US
[72] FORESTER, KELLY ANN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (3053899)
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[25] EN
[54] **HIGH BARRIER COATED PAPERBOARD**
[54] **CARTON REVETU A BARRIERE ELEVEE**
[72] NOBES, GEOFRREY, US
[73] EVERGREEN PACKAGING LLC, US
[85] 2019-08-21
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[25] EN
[54] **DEHUMIDIFIER CONNECTOR SUPPORT**
[54] **SUPPORT DE CONNECTEUR DE DESHUMIDIFICATEUR**
[72] ZHANG, ZHIMING, CN
[72] WANG, XIAOYU, CN
[73] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
[73] MIDEA GROUP CO., LTD., CN
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[54] **IMPROVED DOOR CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE PORTIERE AMELIORE**
[72] MIU, TRAIAN, CA
[72] ENGLISH, MITCHELL, CA
[72] BANJONGPANITH, PASIT, CA
[72] BROADHEAD, DOUGLAS, CA
[73] WARREN INDUSTRIES LTD., CA
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[25] EN
[54] **LEACHING COPPER-CONTAINING ORES**
[54] **LIXIVIATION DE MINERAIS CONTENANT DU CUIVRE**
[72] HACKL, RALPH PETER, AU
[72] BROWN, PAUL LESLIE, AU
[72] GROCOTT, STEPHEN CHARLES, AU
[72] KITTELTY, DANIEL ARTHUR, AU
[73] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
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[30] AU (2017901263) 2017-04-06
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[54] **STRATEGY SEARCHING IN STRATEGIC INTERACTION BETWEEN PARTIES**
[54] **RECHERCHE DE STRATEGIE DANS L`INTERACTION STRATEGIQUE ENTRE DES PARTIES**
[72] LI, HUI, CN
[72] HU, KAILIANG, CN
[72] SONG, LE, CN
[73] ADVANCED NEW TECHNOLOGIES CO., LTD., KY
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[54] **INTELLIGENT WATERING SYSTEM**
[54] **SYSTEME INTELLIGENT D'ARROSAGE**
[72] GUNGL, JOHANNES, DE
[72] SOOR, FLORIAN, DE
[72] SCHNURLE, HORST, DE
[72] BOLLIGER, PHILIPP, DE
[73] HUSQVARNA AB, SE
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[25] EN
[54] **UNITIZED WHEELEND ASSEMBLY AND METHOD OF INSTALLATION**
[54] **ENSEMBLE EXTREMITE DE ROUE MONOBLOC ET PROCEDE D'INSTALLATION**
[72] PEARSON, MONTE, US
[72] XIANG, YANG JULIA, US
[72] JIMENEZ, DANIEL, US
[73] STEMCO PRODUCTS, INC., US
[85] 2019-10-28
[86] 2018-05-23 (PCT/US2018/034102)
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[25] EN
[54] **LIGHT SOCKET WITH EXTERNAL CONFIGURATION FOR AN ATTACHMENT**
[54] **DOUILLE AYANT UNE CONFIGURATION EXTERNE POUR UN ACCESSOIRE**
[72] HALE, WILLIAM, US
[72] SKINNER, FRANK, US
[73] WINTERGREEN CORPORATION, US
[86] (3061744)
[87] (3061744)
[22] 2019-11-15
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[25] EN
[54] **A SEPARATION DISC FOR A CENTRIFUGAL SEPARATOR**
[54] **DISQUE DE SEPARATION POUR SEPARATEUR CENTRIFUGE**
[72] HILDING, KLAS, SE
[72] NILSSON, SVEN-AKE, SE
[72] THORWID, PETER, SE
[73] ALFA LAVAL CORPORATE AB, SE
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[54] **METAL SURFACE TREATMENT AGENT, METAL SURFACE TREATMENT METHOD, AND METAL MATERIAL**
[54] **AGENT ET PROCEDE DE TRAITEMENT DE SURFACE METALLIQUE, ET MATERIAU METALLIQUE**
[72] SUZUKI, AMANE, JP
[72] IKO, TOMOHIRO, JP
[73] NIHON PARKERIZING CO., LTD., JP
[85] 2019-11-08
[86] 2017-08-30 (PCT/JP2017/031230)
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[25] EN
[54] **SELF-STEERING AXLE KNUCKLE**
[54] **FUSEE D'ESSIEU AUTOVIREUR**
[72] WHITE, JAY D., US
[72] MARTIN II, DANIEL W., US
[72] ERNENWEIN, KEITH M., US
[72] GREGG, DANE, US
[73] HENDRICKSON USA, L.L.C., US
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[25] EN
[54] **V-RIBBED BELT AND METHOD FOR MANUFACTURING SAME**
[54] **COURROIE TRAPEZOIDALE CRANTEE ET SON PROCEDE DE FABRICATION**
[72] YOKOYAMA, KAZUTAKA, JP
[72] TAKECHI, HIROKI, JP
[72] HASEGAWA, ARATA, JP
[72] NISHIYAMA, TAKESHI, JP
[72] MITSUTOMI, MANABU, JP
[73] MITSUBOSHI BELTING LTD., JP
[85] 2019-12-12
[86] 2018-06-15 (PCT/JP2018/023040)
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[25] EN
[54] **NECKWEAR FOR DISPLAYING COINS, MEDALS OR BARS**
[54] **CRAVATE OU CACHE-COL SERVANT A PRESENTER DES PIECES DE MONNAIE, DES MEDAILLES OU DES BARRETTES**
[72] PANDOLFINO, JOSEPH, US
[73] PATUGA LLC, US
[85] 2019-12-24
[86] 2018-06-29 (PCT/US2018/040347)
[87] (WO2019/006339)
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[25] EN
[54] **RADIO RESOURCE CONFIGURATION SYNCHRONIZATION**
[54] **SYNCHRONISATION DE CONFIGURATION DE RESSOURCES RADIO**
[72] PARK, KYUNGMIN, US
[72] DINAN, ESMAEL, US
[72] JEON, HYOUNGSUK, US
[72] ZHOU, HUA, US
[72] BABAEI, ALIREZA, US
[73] BEIJING XIAOMI MOBILE SOFTWARE CO., LTD., CN
[85] 2020-01-10
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[30] US (62/543,847) 2017-08-10
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[13] C
[51] **Int.Cl. B23K 26/36 (2014.01) B23K 37/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR LASER TREATING A PIPE SURFACE**
[54] **SYSTEME DE TRAITEMENT LASER D'UNE SURFACE DE TUYAU**
[72] MCRANEY, BRIAN, US
[72] MCRANEY, GREGORY, US
[73] MCRANEY, BRIAN, US
[73] MCRANEY, GREGORY, US
[85] 2020-01-15
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[54] **ACTUATING MECHANISM CONTROL METHOD FOR GLASS PLATE TEMPERING PROCESS**
[54] **PROCEDE DE COMMANDE DE MECANISME D'ACTIONNEMENT POUR PROCESSUS DE TREMPE DE PLAQUE DE VERRE**
[72] ZHAO, YAN, CN
[72] DOU, GAOFENG, CN
[72] JIANG, CHUNWEI, CN
[73] LUOYANG LANDGLASS TECHNOLOGY CO., LTD., CN
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[54] **SOLID-GAS-LIQUID (SGL) REACTOR FOR LEACHING POLYMETAL MINERALS AND/OR CONCENTRATES BASED ON LEAD, COPPER, ZINC, IRON AND/OR THE MIXTURES THEREOF**
[54] **REACTEUR SOLIDE-GAZ-LIQUIDE (SGL) POUR LA LIXIVIATION DE MINERAUX POLYMETALLIQUES ET/OU DE CONCENTRES A BASE DE PLOMB, DE CUIVRE, DE ZINC ET/OU DE LEURS MELANGES**
[72] BENAVIDES PEREZ, RICARDO, MX
[72] ALMAGUER GUZMAN, ISAIAS, MX
[72] VAZQUEZ VAZQUEZ, DAVID EZEQUIEL, MX
[73] PENOLES TECNOLOGIA, S.A. DE C.V., MX
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[54] **VOLTAGE AND CURRENT CONTROL METHOD AND DEVICE FOR DIRECT-CURRENT TRANSMISSION SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE TENSION ET DE COURANT POUR SYSTEME DE TRANSMISSION DE PUISSANCE EN COURANT CONTINU**
[72] LU, JIANG, CN
[72] LU, YU, CN
[72] DONG, YUNLONG, CN
[72] WANG, YONGPING, CN
[72] TIAN, JIE, CN
[72] WANG, NANNAN, CN
[72] ZHAO, WENQIANG, CN
[72] HU, ZHAOQING, CN
[72] WANG, KE, CN
[72] XIAO, JIANMIN, CN
[73] NR ELECTRIC CO., LTD, CN
[73] NR ENGINEERING CO., LTD, CN
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[25] EN
[54] **REMOTELY AND DYNAMICALLY INJECTING ROUTES INTO AN IP NETWORK**
[54] **INJECTION A DISTANCE ET DYNAMIQUE DE ROUTES DANS UN RESEAU IP**
[72] TAPPIN, JOHN, US
[72] AMIN, RAHUL, US
[72] SHAHIN, SAMIH, US
[72] MRNDIC, SENAD, US
[73] T-MOBILE USA, INC., US
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[54] **READY TO ASSEMBLE SEATING**
[54] **SIEGE PRET A MONTER**
[72] TRIPP, DOUGLAS R., US
[72] YAO, ZHENG, CA
[73] REGIT HOLDINGS, LLC, US
[85] 2020-07-02
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[25] EN
[54] **ANTIGEN-SPECIFIC T CELL RECEPTORS AND T CELL EPITOPES**
[54] **RECEPTEUR DES CELLULES T SPECIFIQUES DES ANTIGENES ET EPITOPES DES CELLULES T**
[72] SAHIN, UGUR, DE
[72] TURECI, OZLEM, DE
[72] SIMON, PETRA, DE
[72] OMOKOKO, TANA, DE
[73] BIONTECH CELL & GENE THERAPIES GMBH, DE
[73] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GEMEINNUTZIGE GMBH, DE
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[87] (3088393)
[22] 2011-09-19
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[30] EP (10 009 990.2) 2010-09-20
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[25] EN
[54] **HAZARDOUS CONDITION DETECTOR WITH WIRELESS COMMUNICATION INTERFACE**
[54] **DETECTEUR DE CONDITIONS DANGEREUSES AVEC INTERFACE DE COMMUNICATION SANS FIL**
[72] LACY, TERRY, US
[73] THOMSON IP, LLC, US
[85] 2020-09-02
[86] 2019-04-05 (PCT/US2019/026116)
[87] (WO2019/195764)
[30] US (62/654,122) 2018-04-06
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[25] EN
[54] **ROTATING WHEEL SYSTEM**
[54] **SYSTEME DE ROUE ROTATIVE**
[72] PECECNIK, JOZE, SI
[72] BERGANT, URBAN, SI
[72] KROSELJ, PETER, SI
[72] ZAVBI, IVO, SI
[73] INTERBLOCK D.D., SI
[85] 2020-09-21
[86] 2019-03-26 (PCT/US2019/024078)
[87] (WO2019/191101)
[30] US (62/648,232) 2018-03-26

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[51] **Int.Cl. G09F 3/03 (2006.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **SEAL DELIVERY TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI DE LIVRAISON AVEC UN SCEAU**
[72] HILSLEY, ETHAN, US
[72] HILSLEY, BARRINGTON, US
[73] PHYSICAL 2 DIGITAL LIMITED, GB
[86] (3096066)
[87] (3096066)
[22] 2015-05-26
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[54] **ASYNCHRONOUS PROCESSING OF BLOCKCHAIN BLOCKS**
[54] **TRAITEMENT ASYNCHRONE DE BLOCS DE CHAINE DE BLOCS**
[72] WANG, JIYUAN, CN
[72] YAN, XUEBING, CN
[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD., CN
[85] 2020-10-29
[86] 2019-11-27 (PCT/CN2019/121346)
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[25] EN
[54] **REFUSE VEHICLE BODY ASSEMBLY**
[54] **ENSEMBLE DE CARROSSERIE DE VEHICULE A ORDURES**
[72] JAX, KEVIN G., US
[72] WECKWERTH, CLINTON, US
[73] OSHKOSH CORPORATION, US
[85] 2020-11-12
[86] 2019-05-20 (PCT/US2019/033171)
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[51] **Int.Cl. H01R 13/717 (2006.01) F21V 23/04 (2006.01) H01R 13/70 (2006.01) H01R 27/02 (2006.01) H05B 33/08 (2020.01)**
[25] EN
[54] **ELECTRICAL OUTLET COVER WITH INTEGRATED LIGHTING**
[54] **COUVERCLE DE SORTIE ELECTRIQUE A ECLAIRAGE INTEGRE**
[72] O'REILLY, MICHAEL, US
[72] WINSHIP, DONNYE, US
[73] O'REILLY WINSHIP, LLC, US
[85] 2020-11-18
[86] 2019-05-17 (PCT/US2019/032940)
[87] (WO2019/222672)
[30] US (15/984,005) 2018-05-18
[30] US (16/381,822) 2019-04-11

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[13] C
[51] **Int.Cl. G01N 3/36 (2006.01)**
[25] EN
[54] **TRUE TRIAXIAL TESTING SYSTEM FOR DISTURBANCE EXPERIMENT WITH BROADBAND AND LOW AMPLITUDE OF HIGH PRESSURE HARD ROCK**
[54] **SYSTEME DE MISE A L'ESSAI TRIAXIAL REEL POUR UNE EXPERIENCE DE PERTURBATION RELATIVE A LA LARGE BANDE ET LA FAIBLE AMPLITUDE D'UNE ROCHE DURE HAUTE PRESSION**
[72] FENG, XIATING, CN
[72] TIAN, MIAN, CN
[72] ZHANG, FENGPENG, CN
[72] TIAN, JUN, CN
[72] YANG, CHENGXIANG, CN
[72] PENG, JIANYU, CN
[72] ZHAO, YUEMAO, CN
[72] JIANG, JIANQING, CN
[72] GAO, JIKAI, CN
[73] NORTHEASTERN UNIVERSITY, CN
[85] 2021-03-03
[86] 2019-12-20 (PCT/CN2019/126887)
[87] (WO2021/114369)
[30] CN (201911257770.3) 2019-12-10

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[13] C
[51] **Int.Cl. H01F 27/32 (2006.01)**
[25] EN
[54] **CORE SEALING ASSEMBLIES, CORE-COIL ASSEMBLIES, AND SEALING METHODS**
[54] **ENSEMBLES ETANCHES DE NOYAU, ENSEMBLES NOYAU-BOBINES, ET PROCEDES D'ETANCHEIFICATION**
[72] LIANG, HAONING, CN
[72] NAVARRO, MARTIN ALSINA, BR
[72] MORENO, ANDRE LUIZ, BR
[72] WANG, RONGWANG, CN
[72] LI, XIONG, CN
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] HAINAN JINPAN SMART TECHNOLOGY CO. LTD., CN
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[54] **BAIN D'ELECTRODEPOSITION D'ALLIAGE DE ZINC OU DE ZINC-NICKEL ACIDE POUR LE DEPOT D'UNE COUCHE D'ALLIAGE DE ZINC OU DE ZINC-NICKEL**
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[72] STARKBAUM, ZDENEK, DE
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[54] **AMELIORATIONS DU SERVICE OFFERT A UN EQUIPEMENT UTILISATEUR DANS UN PAYS VISITE DANS UN SYSTEME DE COMMUNICATION MOBILE**
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[54] **DISPOSITIF DE RECHARGE ET D`ALIMENTATION INTELLIGENT POUR DES VEHICULES ET DES MOTOCYCLETTES**
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[54] **PROCEDE DE COMPACTAGE D'UNE PREFORME ET DISPOSITIF DE COMPACTAGE ASSOCIE (TUYERE)**
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[72] CAMUS, ERWAN, FR
[72] LOISELLE, VINCENT, FR
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[54] **COUVERCLE AMOVIBLE POUR UN CONTENANT OUVERT PAR LE HAUT, ET COMBINAISON DE CONTENANT OUVERT PAR LE HAUT ET DE COUVERCLE AMOVIBLE**
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[72] HEMPHILL, BRYAN, CA
[72] PASTRIK, DARREN, CA
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[54] **ASSOUPLISSANTS INFUSES D`UN REPULSIF A TIQUE A PATTES NOIRES COMPORTANT DES HUILES ESSENTIELLES**
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[72] HALPENNY, MIKE, CA
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[54] **TRACEUR INDIVIDUEL DE LOCALISATION ET DE RECHERCHE POUR LA PROTECTION DES PERSONNES DANS LEURS DEPLACEMENTS EN CAS DE PROBLEMES GRAVES EN ZONES NON HABITABLES**
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[72] KENNY, FRANCIS, CA
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[72] FERNANDEZ CHIU, JULIO JUAN ALVARO, CA
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[72] MACKELVIE, WINSTON, CA
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[54] **CARENAGE DE COMPRESSEUR ET SEGMENTS DE CARENAGE**
[72] URAC, TIBOR, CA
[72] BARNETT, BARRY, CA
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[54] **DISPOSITIF ET PROCEDE DE FILTRATION SUR MEMBRANE A FLUX TRANSVERSAL COMPORTANT UN TOURBILLON INDUIT**
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[54] **AVION A ROTO-STABILISATEURS EN TANDEM**
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[54] **SYSTEME DE PLATEAU DE CROISSANCE DE PLANTES**
[72] PHILIBERT, CARL, CA
[72] PHELAN, PARAIC ANTHONY, CA
[72] PLITT, RANDALL CLIFFORD, CA
[72] O'GORMAN. GREG JOHN, CA
[71] METHOD INNOVATION PARTNERS INC., CA
[22] 2020-03-13
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[54] **SYSTEM AND METHOD FOR DETERMINING AND DISPLAYING QUEUE WAIT TIMES**
[54] **SYSTEME ET METHODE POUR DETERMINER ET AFFICHER LES TEMPS D`ATTENTE DANS UNE FILE D`ATTENTE**
[72] PUGLISI, NICHOLAS ANTHONY, US
[72] SUTULA, GARRETT CAVIN, US
[72] MAJDALI, DAVID GERARD, US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[54] **EXCAVATING ASSEMBLY AND TREE FELLING HEAD INCLUDING SAME**
[54] **ENSEMBLE D`EXCAVATION ET TETE D`ABATAGE D`ARBRE LE COMPRENANT**
[72] CARRIER, DAVE, US
[72] LACHANCE, PATRICK, CA
[71] INDUSTRIES FORESTIERES PRO PAC LTEE, CA
[22] 2020-05-15
[41] 2021-08-04
[30] US (62/969,950) 2020-02-04

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[51] **Int.Cl. H04W 24/02 (2009.01) H04W 28/16 (2009.01)**
[25] EN
[54] **DETECTING VLAN MISCONFIGURATION**
[54] **DETECTION D`UNE MAUVAISE CONFIGURATION VLAN**
[72] WANG, JISHENG, US
[71] JUNIPER NETWORKS, INC., US
[22] 2020-05-25
[41] 2021-08-05
[30] US (16/782,568) 2020-02-05

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[51] **Int.Cl. G01V 3/12 (2006.01) G01V 9/00 (2006.01) G01N 22/04 (2006.01)**
[25] EN
[54] **MOISTURE SOIL PROBE SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE SONDE D`HUMIDITE DANS LE SOL**
[72] SCHAEFER, DONALD B., JR., US
[72] WISKUR, GLENN DOWE, US
[72] LIN, TIANYU, US
[72] HODGSON, TREVOR, US
[71] AGI SURETRACK LLC, US
[22] 2020-06-17
[41] 2021-08-04
[30] US (16/781,455) 2020-02-04

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[25] EN
[54] **RAPID SET GEL CONCENTRATE FOR MEDICAL PRODUCTS**
[54] **CONCENTRE DE GEL A FIXATION RAPIDE POUR DES PRODUITS MEDICAUX.**
[72] FENZL, MARK, US
[71] FENZL, MARK, US
[22] 2020-10-07
[41] 2021-08-07
[30] US (62/995,669) 2020-02-07
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[25] EN
[54] **CLEANING IMPLEMENT**
[54] **APPAREIL DE NETTOYAGE**
[72] MATILSKY, DREW, US
[71] DREW COMPANIES LLC, US
[22] 2020-11-05
[41] 2021-08-05
[30] US (16/782,807) 2020-02-05

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[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR GATEWAY LOAD BALANCING**
[54] **METHODES ET SYSTEMES POUR L`EQUILIBRAGE DES CHARGES DE PASSERELLE**
[72] LYVER, ANDRE, CA
[72] BTAICHE, RICHARD, CA
[71] SHOPIFY INC., CA
[22] 2020-11-09
[41] 2021-08-03
[30] US (16/779,936) 2020-02-03

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[25] EN
[54] **SYSTEMS AND METHODS FOR WEB TRAFFIC CONTROL**
[54] **SYSTEMES ET METHODES POUR LE CONTROLE DU TRAFIC WEB**
[72] FRANCIS, SCOTT, CA
[72] DELANEY MANDERS, BLAKE, CA
[72] HO, DENNIS, CA
[71] SHOPIFY INC., CA
[22] 2020-11-11
[41] 2021-08-05
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[54] **TOBACCO ROASTER**
[54] **TORREFACTEUR DE TABAC**
[72] LIU, TUANFANG, CN
[71] SHENZHEN EIGATE TECHNOLOGY CO., LTD., CN
[22] 2020-11-24
[41] 2021-08-03
[30] CN (202010079396.9) 2020-02-03

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[51] **Int.Cl. G01N 33/28 (2006.01) G01N 1/44 (2006.01) G01N 13/02 (2006.01) G01N 27/22 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING WATER CONTENT PROFILES, INTERFACIAL LEVELS, THICKNESSES AND TENSIONS OF MULTIPHASE DISPERSIONS**
[54] **APPAREIL ET METHODE POUR MESURER LES PROFILS DE TENEUR EN EAU, LES NIVEAUX INTERFACIAUX, LES EPAISSEURS ET LES TENSIONS DANS LES DISPERSIONS MULTIPHASES**
[72] GU, GUOXING, CA
[71] GU, GUOXING, CA
[22] 2020-12-05
[41] 2021-08-06
[30] US (62/970,710) 2020-02-06

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[25] EN
[54] **WINDOW ASSEMBLY**
[54] **ASSEMBLAGE DE FENETRE**
[72] LUVISON, MICHAEL, US
[71] ASSOCIATED MATERIALS, LLC, US
[22] 2020-12-15
[41] 2021-08-06
[30] US (62/970941) 2020-02-06

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[13] A1
[51] **Int.Cl. E06B 1/26 (2006.01)**
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[54] **WINDOW ASSEMBLY**
[54] **ASSEMBLAGE DE FENETRE**
[72] LUVISON, MICHAEL, US
[71] ASSOCIATED MATERIALS, LLC, US
[22] 2020-12-15
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[25] EN
[54] **COMPOSITE ASSEMBLY WITH INTEGRALLY FORMED PANELS AND STIFFENERS**
[54] **ENSEMBLE COMPOSITE COMPORTANT DES PANNEAUX ET DES RAIDISSEURS FORMES EN RELATION D`INTEGRATION**
[72] ROBBINS, KEVIN LARRY, US
[72] LAUDER, ARNOLD JOHN, US
[72] RAMRATTAN, MAHENDRA, US
[71] THE BOEING COMPANY, US
[22] 2020-12-14
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[13] A1
[51] **Int.Cl. B64D 15/12 (2006.01) B64D 15/20 (2006.01)**
[25] EN
[54] **ANTI-ICING AND DE-ICING HEATED LOCK PIN SYSTEM**
[54] **SYSTEME DE GOUPILLE DE VERROUILLAGE CHAUFFEE POUR DES CARACTERISTIQUES ANTIGIVRAGE ET DE DEGLACAGE**
[72] BURGESS, GRAHAM JAMES, GB
[72] FOSTER, DANIEL, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2020-12-16
[41] 2021-08-07
[30] EP (20275028.7) 2020-02-07

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[25] EN
[54] **SYSTEM AND METHOD FOR OFFLOADING APPLICATION EXTENSION SCRIPT EXECUTION FROM APPLICATION HOSTING INFRASTRUCTURE**
[54] **SYSTEME ET METHODE POUR DECHARGER L`EXECUTION DE SCRIPT D`EXTENSION DE L`APPLICATION DE L`INFRASTRUCTURE D`HEBERGEMENT DE L`APPLICATION**
[72] CAMERON, DAVID, CA
[72] DICKINSON, JONATHAN MITCHELL, CA
[71] SHOPIFY INC., CA
[22] 2021-01-06
[41] 2021-08-07
[30] US (62/971614) 2020-02-07
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[13] A1
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[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING AUGMENTED REALITY SCENES FOR PHYSICAL ITEMS**
[54] **SYSTEMES ET METHODES POUR GENERER DES SCENES DE REALITE AUGMENTEE POUR DES OBJETS PHYSIQUES**
[72] WADE, JONATHAN, CA
[72] HAAPOJA, JUHO MIKKO, CA
[72] DELGADO, BYRON LEONEL, CA
[72] BEAUCHAMP, DANIEL, CA
[71] SHOPIFY INC., CA
[22] 2021-01-12
[41] 2021-08-06
[30] US (16/783322) 2020-02-06
[30] EP (20215725.1) 2020-12-18

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[54] **SPHERICAL PUMP VALVE**
[54] **SOUPAPE DE POMPE SPHERIQUE**
[72] HILL, CEDRIC, US
[72] KELTON, SAMUEL, US
[72] EDSON, JON, US
[71] TRIANGLE PUMP COMPONENTS, INC., US
[22] 2021-01-14
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[30] US (16/782,335) 2020-02-05

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[51] **Int.Cl. G01G 23/01 (2006.01)**
[25] EN
[54] **WEIGHING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE PESAGE**
[72] BLANKLEY, RANDY L., JR., US
[72] GUZMAN, JUAN C., US
[72] NGUYEN, HUNG B., US
[72] REDMAN, RANDALL L., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2021-01-18
[41] 2021-08-07
[30] US (16/784,427) 2020-02-07

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[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **CHECK VALIDATION AND CLEARANCE**
[54] **VALIDATION ET AUTORISATION DE CHEQUES**
[72] SINGH, MANPREET, IN
[71] THE TORONTO-DOMINION BANK, CA
[22] 2021-01-18
[41] 2021-08-06
[30] US (16/783,980) 2020-02-06

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[25] EN
[54] **JOINT ASSEMBLY HAVING SHIMMED BOSSES AND ASSOCIATED METHOD OF MAKING THE JOINT ASSEMBLY**
[54] **ENSEMBLE DE JOINTS AYANT DES BOSSAGES CALES ET METHODE CONNEXE DE FABRICATION DE L`ENSEMBLE DE JOINTS**
[72] WHITMER, BRETT D., US
[72] GRAHAM, WILLIAM H., US
[72] VAN INGELGHEM, EVELYNE, US
[71] THE BOEING COMPANY, US
[22] 2021-01-14
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[51] **Int.Cl. E06B 3/46 (2006.01) E05D 15/06 (2006.01) E06B 3/58 (2006.01)**
[25] EN
[54] **LOOKING ARRANGEMENT FOR FASTENING AN EDGE STRIP TO A PANEL**
[54] **CONFIGURATION DE VERROUILLAGE POUR ATTACHER UNE BANDE D`ENCADREMENT A UN PANNEAU**
[72] HILLIAHO, ESA, FI
[71] LUMON INVEST OY, FI
[22] 2021-01-13
[41] 2021-08-06
[30] FI (20205124) 2020-02-06

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[51] **Int.Cl. A61J 3/07 (2006.01)**
[25] EN
[54] **CAPSULE CLOSURE DEVICE FOR CLOSING TWO-PIECE CAPSULES**
[54] **DISPOSITIF DE FERMETURE DE CAPSULE POUR FERMER DES CAPSULES EN DEUX PARTIES**
[72] WEIGEL, MARCO, DE
[72] GALL, STEFFEN, DE
[71] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH, DE
[22] 2021-01-18
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[30] EP (20 156 171.9) 2020-02-07

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[25] EN
[54] **PRECIPITATION HARDENING MARTENSITIC STAINLESS STEEL**
[54] **ACIER INOXYDABLE MARTENSITIQUE A DURCISSEMENT STRUCTURAL**
[72] TAKAHASHI, NOBUYUKI, JP
[72] OKAMOTO, AKIHIKO, JP
[72] FURUSHO, CHIHIRO, JP
[72] TAKABAYASHI, HIROYUKI, JP
[72] KOYANAGI, YOSHIHIKO, JP
[71] DAIDO STEEL CO., LTD., JP
[22] 2021-01-18
[41] 2021-08-04
[30] JP (2020-016838) 2020-02-04
[30] JP (2020-177624) 2020-10-22

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[51] **Int.Cl. G01S 7/40 (2006.01) G01C 23/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MONITORING A FAULT CONDITION OF A RADAR ALTITUDE DEVICE**
[54] **METHODES ET SYSTEMES DE SURVEILLANCE D`UNE CONDITION DE DEFAILLANCE D`UN DISPOSITIF DE RADAR D`ALTITUDE**
[72] HE, GANG, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2021-01-26
[41] 2021-08-04
[30] US (16/781449) 2020-02-04

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[51] **Int.Cl. F03D 7/04 (2006.01) F03D 17/00 (2016.01)**
[25] EN
[54] **PITCH CONTROL OF A WIND TURBINE BASED POSITION DATA FROM POSITION LOCALIZATION SENSORS**
[54] **COMMANDE DE PAS D`UNE EOLIENNE EN FONCTION DES DONNEES DE POSITION FOURNIES PAR DES CAPTEURS DE POSITION**
[72] FU, XU, US
[72] LANDA, BERNARD P., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2021-01-27
[41] 2021-08-06
[30] US (16/783,236) 2020-02-06

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[51] **Int.Cl. H01M 4/133 (2010.01) H01M 4/1393 (2010.01) H01M 10/052 (2010.01)**
[25] EN
[54] **IMMOBILIZED SELENIUM IN A POROUS CARBON WITH THE PRESENCE OF OXYGEN, A METHOD OF MAKING, AND USES OF IMMOBILIZED SELENIUM IN A RECHARGEABLE BATTERY**
[54] **SELENIUM IMMOBILISE DANS UN CARBONE POREUX PRESENTANT DE L`OXYGENE, METHODE DE PRODUCTION ET UTILISATIONS DE SELENIUM IMMOBILISE DANS UNE BATTERIE RECHARGEABLE**
[72] SOLIS, MARTA SEVILLA, ES
[72] ARIAS, ANTONIO BENITO FUERTES, ES
[72] XU, WEN-QING, US
[72] LI, XIAOMING, US
[72] PATKAR, SHAILESH, US
[72] EISSLER, ELGIN E., US
[71] II-VI DELAWARE, INC., US
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[22] 2021-01-28
[41] 2021-08-07
[30] US (16/784,703) 2020-02-07

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[51] **Int.Cl. A61K 33/00 (2006.01) A61B 42/40 (2016.01) A61B 42/50 (2016.01) A61K 9/12 (2006.01) A61K 31/045 (2006.01) A61L 2/20 (2006.01) A61P 17/00 (2006.01) A61P 17/02 (2006.01) A61P 31/02 (2006.01) B05D 5/08 (2006.01) C11D 3/48 (2006.01) C11D 7/02 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **OZONE FOAM FOR TREATING DERMATITIS**
[54] **MOUSSE D`OZONE POUR TRAITER LA DERMATITE**
[72] OPHARDT, HEINER, CH
[71] OP-HYGIENE IP GMBH, CH
[22] 2021-01-28
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[30] US (62/971,646) 2020-02-07

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[25] EN
[54] **HARMONIC AND VIBRATION DAMPING TUBING MEMBER FOR CONVEYING FLUIDS**
[54] **ELEMENT DE TUBAGE A AMORTISSEMENT DES VIBRATIONS ET DES HARMONIQUES POUR TRANSPORTER DES FLUIDES**
[72] BUNNEY, LARRY, CA
[71] BUNNEY, LARRY, CA
[22] 2021-02-01
[41] 2021-08-04
[30] US (62/969,750) 2020-02-04

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[51] **Int.Cl. B64D 1/00 (2006.01) A62C 3/02 (2006.01) B64D 1/16 (2006.01)**
[25] EN
[54] **SUSPENSION AND CONTROL HEAD APPARATUS FOR AERIAL FIREFIGHTING BUCKET**
[54] **APPAREIL DE SUSPENSION ET DE TETE D`ASSERVISSEMENT POUR UN SEAU DE LUTTE AERIENNE CONTRE L`INCENDIE**
[72] ARNEY, DONALD, CA
[72] BROOKE, PETER, CA
[71] DONMARK HOLDINGS INC., CA
[22] 2021-02-01
[41] 2021-08-04
[30] US (62970120) 2020-02-04

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[51] **Int.Cl. G06Q 50/34 (2012.01) G07F 17/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING A GAME OF CHANCE**
[54] **SYSTEME ET METHODE POUR GERER UN JEU DE HASARD**
[72] STEVENS, DEREK, US
[72] PALM, MIKE, US
[72] METCALF, MATT, US
[72] BENNETT, CHRIS, US
[71] 18 FREMONT STREET, US
[22] 2021-02-01
[41] 2021-08-01
[30] US (62/969071) 2020-02-01

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[13] A1
[51] **Int.Cl. F16K 31/22 (2006.01) E03D 5/00 (2006.01) F16K 33/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE TOILET FLAPPER VALVE ASSEMBLY**
[54] **ENSEMBLE DE CLAPET A BATTANT DE TOILETTE AJUSTABLE**
[72] CIMAROSTI, DOMINIC, US
[71] LAVELLE INDUSTRIES, INC., US
[22] 2021-02-01
[41] 2021-08-07
[30] US (62/971,727) 2020-02-07
[30] US (17/147,792) 2021-01-13

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[13] A1
[51] **Int.Cl. F04D 29/28 (2006.01) F01D 5/22 (2006.01) F02C 9/18 (2006.01) F04D 29/62 (2006.01)**
[25] EN
[54] **IMPELLER SHROUD AND METHOD OF MANUFACTURING THEREOF**
[54] **CARENAGE DE ROTOR ET METHODE DE FABRICATION**
[72] CAPRON, ALEXANDRE, CA
[72] CHOW, BERNARD, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2021-02-01
[41] 2021-08-07
[30] US (16/784,279) 2020-02-07

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[51] **Int.Cl. G01V 9/00 (2006.01) E02D 1/00 (2006.01) G01N 3/48 (2006.01)**
[25] FR
[54] **MEASUREMENT DEVICE AND SYSTEM FOR GEOMECHANICAL GROUND CHARACTERIZATION, AND CORRESPONDING MEASUREMENT METHOD**
[54] **DISPOSITIF ET SYSTEME DE MESURE POUR LA CARACTERISATION GEOMECANIQUE D'UN SOL, AINSI QUE PROCEDE DE MESURE CORRESPONDANT**
[72] BENZ NAVARRETE, MIGUEL, FR
[72] BARBIER, SEBASTIEN, FR
[71] SOL SOLUTION, FR
[22] 2021-02-02
[41] 2021-08-05
[30] FR (FR 2001137) 2020-02-05

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[13] A1
[51] **Int.Cl. B60L 53/60 (2019.01) B60L 53/14 (2019.01) B62J 43/00 (2020.01) H02J 7/00 (2006.01)**
[25] EN
[54] **CHARGING SYSTEM AND METHOD OF A BATTERY OF AN ELECTRIC VEHICLE**
[54] **SYSTEME DE RECHARGE ET METHODE CONNEXE POUR UNE BATTERIE D`UN VEHICULE ELECTRIQUE**
[72] FERRARI, MASSIMO, IT
[71] BIKEF S.R.L., IT
[22] 2021-02-02
[41] 2021-08-07
[30] IT (102020000002455) 2020-02-07

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[13] A1
[51] **Int.Cl. F16L 37/32 (2006.01)**
[25] FR
[54] **FLUID COUPLING**
[54] **RACCORD FLUIDIQUE**
[72] TIBERGHIEN, ALAIN-CHRISTOPHE, FR
[72] DURIEUX, CHRISTOPHE, FR
[72] MICHEL, FRANCOIS, FR
[71] STAUBLI FAVERGES, FR
[22] 2021-02-02
[41] 2021-08-07
[30] FR (2001215) 2020-02-07

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[51] **Int.Cl. G01N 27/82 (2006.01) F16L 55/26 (2006.01) F16L 55/48 (2006.01) F17D 5/02 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND DEVICE FOR FLUID CONDUIT INSPECTION**
[54] **SYSTEME, METHODE ET DISPOSITIF POUR INSPECTER UN CONDUIT A FLUIDE**
[72] SHAND, ZACHARY, CA
[72] VAN POL, ANOUK, CA
[72] VAN POL, JOHANNES HUBERTUS GERARDUS, CA
[71] INGU SOLUTIONS INC., CA
[22] 2021-02-02
[41] 2021-08-03
[30] US (62/969,330) 2020-02-03
[30] US (62/979,831) 2020-02-21

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[13] A1
[51] **Int.Cl. E06B 9/323 (2006.01) A47H 1/18 (2006.01)**
[25] EN
[54] **SUNSHADE**
[54] **PARASOLEIL**
[72] HAAPALAHTI, TEUVO, FI
[72] PULKKINEN, MARKKU, FI
[72] PULKKINEN, JUHA, FI
[71] SUOMEN VISOR OY, FI
[22] 2021-02-02
[41] 2021-08-06
[30] FI (20205125) 2020-02-06

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[51] **Int.Cl. B05D 5/06 (2006.01) B05D 1/36 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **METHODE DE FORMATION D`UNE PELLICULE DE REVETEMENT MULTICOUCHE**
[72] GONTANI, HARUYUKI, JP
[72] NAKANO, NATSUKO, JP
[71] KANSAI PAINT CO., LTD., JP
[22] 2021-02-02
[41] 2021-08-04
[30] JP (JP2020-016885) 2020-02-04
[30] JP (JP2020-217953) 2020-12-25

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[51] **Int.Cl. F16B 25/00 (2006.01)**
[25] EN
[54] **SCREW-TYPE FASTENER FOR CEMENT BOARD**
[54] **ATTACHE DE TYPE VIS POUR UN PANNEAU DE CIMENT**
[72] LAJEWARDI, FARHAD, US
[72] IYER, SHREENIVAS, US
[71] THE HILLMAN GROUP, INC., US
[22] 2021-02-02
[41] 2021-08-07
[30] US (16/784,411) 2020-02-07

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[13] A1
[51] **Int.Cl. G01P 1/10 (2006.01)**
[25] EN
[54] **STATE DYNAMIC TACHOMETER WITH ENHANCED FEEDBACK**
[54] **TACHYMETRE A ETAT DYNAMIQUE ET RETROACTION AMELIOREE**
[72] JAHNS, STEVEN KARL, US
[72] REED, RYAN ANTHONY, US
[72] DUNCAN, JONATHAN SCOTT, US
[72] LOTZ, JOSEF, US
[72] PYLE, TRISTAN THOMAS, US
[72] SANCER, DEREK SCOTT, US
[72] ACTON, JON FORREST, US
[72] WHITE, JACOB MICHAEL, US
[72] CECCHI, HERVE JEN RAYMOND, US
[72] GAUCH, DAVID MICHAEL, US
[72] SCHATZ, ANNA-MAGDALENA, US
[71] PACCAR INC, US
[22] 2021-02-02
[41] 2021-08-05
[30] US (62/970478) 2020-02-05
[30] US (62/978691) 2020-02-19
[30] US (62/978698) 2020-02-19
[30] US (17/067250) 2020-10-09

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[51] **Int.Cl. A61G 7/053 (2006.01) A47C 12/00 (2006.01)**
[25] EN
[54] **STEP STOOL AND METHOD OF USE**
[54] **MARCHETTE ET METHODE D`UTILISATION**
[72] BAIERA, VINCENT J., US
[71] BAIERA, VINCENT J., US
[22] 2021-02-04
[41] 2021-08-05
[30] US (16/782,410) 2020-02-05
[30] US (17/087,448) 2020-11-02

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[51] **Int.Cl. B60K 35/00 (2006.01) G09G 5/377 (2006.01)**
[25] EN
[54] **INSTRUMENT CLUSTER WITH A CONTEXTUAL VIEW**
[54] **GROUPE D`INSTRUMENTS ET VUE CONTEXTUELLE**
[72] JAHNS, STEVEN KARL, US
[72] REED, RYAN ANTHONY, US
[72] DUNCAN, JONATHAN SCOTT, US
[72] LOTZ, JOSEF, US
[72] ALLEN, KEVIN JAMES, US
[72] REGAN, JERROLD ADAM, US
[72] NENKE, CHRISTINA, US
[72] WILCZAK, MARK GEORGE, US
[72] JOHNSON, NICOLE, US
[71] PACCAR INC, US
[22] 2021-02-02
[41] 2021-08-05
[30] US (62/970470) 2020-02-05
[30] US (62/970512) 2020-02-05
[30] US (62/978691) 2020-02-19
[30] US (62/978698) 2020-02-19
[30] US (17/067408) 2020-10-09

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[51] **Int.Cl. A01G 23/083 (2006.01)**
[25] EN
[54] **SUSPENDABLE SELF-POWERED CHIPPING DEVICE**
[54] **DECHIQUETEUR A ALIMENTATION AUTONOME POUVANT ETRE SUSPENDU**
[72] LENNARTSSON, EDVIN, SE
[72] THORMALM, GUSTAF, SE
[72] RAGNARSSON, ANDERS, US
[71] LENNARTSSON, EDVIN, SE
[71] THORMALM, GUSTAF, SE
[71] RAGNARSSON, ANDERS, US
[22] 2021-02-02
[41] 2021-08-05
[30] US (16/782,672) 2020-02-05

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[51] **Int.Cl. A01B 76/00 (2006.01) G09B 29/00 (2006.01)**
[25] EN
[54] **MACHINE CONTROL USING A PREDICTIVE MAP**
[54] **CONTROLE DE MACHINE AU MOYEN D`UNE CARTE PREDICTIVE**
[72] VANDIKE, NATHAN R., US
[72] PALLA, BHANU KIRAN REDDY, US
[72] ANDERSON, NOEL W., US
[71] DEERE & COMPANY, US
[22] 2021-02-02
[41] 2021-08-06
[30] US (16/783,475) 2020-02-06
[30] US (16/783,511) 2020-02-06
[30] US (17/066,444) 2020-10-08

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[51] **Int.Cl. G01M 17/007 (2006.01) B60K 35/00 (2006.01) G01M 17/02 (2006.01)**
[25] EN
[54] **DYNAMIC CHASSIS AND TIRE STATUS INDICATIONS**
[54] **INDICATIONS DYNAMIQUES DE L`ETAT DU CHASSIS ET DES PNEUS**
[72] JAHNS, STEVEN KARL, US
[72] DUNCAN, JONATHAN SCOTT, US
[72] REED, RYAN ANTHONY, US
[72] ACTON, JON FORREST, US
[72] WHITE, JACOB MICHAEL, US
[72] LEETZ, DAVID, US
[72] WAGNER, MARK ANDREW, US
[72] CECCHI, HERVE JEN RAYMOND, US
[72] SCHATZ, ANNA-MAGDALENA, US
[72] NENKE, CHRISTINA, US
[72] WILCZAK, MARC GEORGE, US
[72] JOHNSON, NICOLE, US
[71] PACCAR INC, US
[22] 2021-02-02
[41] 2021-08-05
[30] US (62/970456) 2020-02-05
[30] US (62/970516) 2020-02-05
[30] US (62/978691) 2020-02-19
[30] US (62/978698) 2020-02-19
[30] US (17/067433) 2020-10-09

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[51] **Int.Cl. F16L 55/115 (2006.01) A62C 35/68 (2006.01)**
[25] EN
[54] **LOCKING CAP FOR FIRE DEPARTMENT CONNECTIONS**
[54] **COUVERCLE VERROUILLABLE POUR DES RACCORDS POMPIERS**
[72] PEDERSEN, JASON S., US
[72] HINTON, TAB S., US
[72] BECKTOLD, NATHAN M., US
[72] PAVLOVIC, BRYAN E., US
[71] KNOX ASSOCIATES, INC. DBA KNOX COMPANY, US
[22] 2021-02-02
[41] 2021-08-03
[30] US (62/969269) 2020-02-03
[30] US (63/003483) 2020-04-01

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[51] **Int.Cl. B60K 35/00 (2006.01)**
[25] EN
[54] **FLEXIBLE AND VARIABILITY-ACCOMMODATING INSTRUMENT CLUSTER DISPLAY**
[54] **AFFICHAGE DE GROUPE D`INSTRUMENTS SOUPLE ET S`ADAPTANT A LA VARIABILITE**
[72] JAHNS, STEVEN KARL, US
[72] REED, RYAN ANTHONY, US
[72] DUNCAN, JONATHAN SCOTT, US
[72] SANCER, DEREK SCOTT, US
[72] ACTON, JON FORREST, US
[72] WHITE, JACOB MICHAEL, US
[72] LEETZ, DAVID, US
[72] RAINEY, STEVEN ROBERT, US
[72] WAGNER, MARK ANDREW, US
[72] BARSOUM, RAEEF HESHAM WAHIB, US
[72] SCHATZ, ANNA-MAGDALENA, US
[72] GRAENING, TOBIAS, US
[72] NENKE, CHRISTINA, US
[72] WILCZAK, MARC GEORGE, US
[72] JOHNSON, NICOLE, US
[71] PACCAR INC, US
[22] 2021-02-02
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[30] US (62/978691) 2020-02-19
[30] US (62/978698) 2020-02-19
[30] US (17/067306) 2020-10-09

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[51] **Int.Cl. B60K 35/00 (2006.01) B60W 50/14 (2020.01)**
[25] EN
[54] **FLEXIBLE NOTIFICATIONS VIA AN INSTRUMENT CLUSTER**
[54] **NOTIFICATIONS SOUPLES AU MOYEN D`UN GROUPE D`INSTRUMENTS**
[72] JAHNS, STEVEN KARL, US
[72] REED, RYAN ANTHONY, US
[72] DUNCAN, JONATHAN SCOTT, US
[72] ACTON, JON FORREST, US
[72] WHITE, JACOB MICHAEL, US
[72] BARSOUM, RAEEF HESHAM WAHIB, US
[72] KELLERSTEDT, BRETT GRANT, US
[72] HUNT, IAN RAMSAY, US
[72] CECCHI, HERVE JEN RAYMOND, US
[72] SCHATZ, ANNA-MAGDALENA, US
[72] NENKE, CHRISTINA, US
[72] WILCZAK, MARC GEORGE, US
[72] JOHNSON, NICOLE, US
[71] PACCAR INC, US
[22] 2021-02-02
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[30] US (62/970490) 2020-02-05
[30] US (62/978691) 2020-02-19
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[30] US (17/067371) 2020-10-09

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[51] **Int.Cl. G02B 27/00 (2006.01) G02B 3/00 (2006.01) G02B 5/00 (2006.01)**
[25] EN
[54] **SPACE-COMPRESSING METHODS, MATERIALS, DEVICES, AND SYSTEMS, AND IMAGING DEVICES AND SYSTEM USING SAME**
[54] **METHODES, MATERIAUX, DISPOSITIFS ET SYSTEMES DE COMPRESSION D`ESPACE, APPAREILS D`IMAGERIE ET SYSTEME LES UTILISANT**
[72] LUNDEEN, JEFFREY STEPHEN, CA
[72] BOYD, ROBERT WILLIAM, CA
[72] RESHEF, ORAD, CA
[72] DELMASTRO, MICHAEL PATRICK, CA
[72] ALHULAYMI, ALI HUSSAIN H., SA
[72] GINER, LAMBERT, CA
[72] BEARNE, KATHERINE KARLA MISAYE, CA
[72] PAGE, JORDAN THEODORE ROGER, CA
[71] UNIVERSITY OF OTTAWA, CA
[22] 2021-02-02
[41] 2021-08-03
[30] US (62/969,595) 2020-02-03

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[51] **Int.Cl. B62D 55/08 (2006.01)**
[25] EN
[54] **DRIVE WHEEL FOR A TRACK SYSTEM, ENDLESS TRACK FOR A TRACK SYSTEM AND TRACK SYSTEM**
[54] **ROUE MOTRICE POUR UN SYSTEME DE CHENILLE, CHENILLE POUR UN SYSTEME DE CHENILLE ET SYSTEME DE CHENILLE**
[72] SAUVAGEAU, YVES, CA
[72] PEPIN, PIERRE-YVES, CA
[72] HALSTEAD, ERIC, CA
[72] DEVIN, CHARLES, CA
[72] GAUTHIER, ALEXANDRE, CA
[71] SOUCY INTERNATIONAL INC., CA
[22] 2021-02-03
[41] 2021-08-03
[30] US (62/969,212) 2020-02-03

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[51] **Int.Cl. A47L 9/24 (2006.01) A47L 5/38 (2006.01) F16L 25/01 (2006.01) F16L 37/086 (2006.01) F16L 37/60 (2006.01)**
[25] EN
[54] **ADAPTER FOR A VACUUM HOSE**
[54] **ADAPTATEUR POUR UN TUYAU A DEPRESSION**
[72] NIESCHWITZ, DARRELL V., US
[72] CALDERONE, GREG A., US
[72] METZ, SHAWN C., US
[71] H-P PRODUCTS, INC., US
[22] 2021-02-02
[41] 2021-08-04
[30] US (62/970,006) 2020-02-04
[30] US (63/008,005) 2020-04-10
[30] US (17/160,912) 2021-01-28

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[51] **Int.Cl. G09F 3/02 (2006.01)**
[25] EN
[54] **MAGNETIC LABEL IDENTIFICATION PLATE**
[54] **PLAQUE D`IDENTITE MAGNETIQUE**
[72] BUDZAK, LAUREN, US
[72] TABUJARA, JAMES, US
[72] MURPHY, ASHLEY, US
[72] HAGMEYER, MARISSA, US
[72] RUFF, LISA, US
[72] COMBS, LAUREN, US
[71] WHITMOR, INC., US
[22] 2021-02-03
[41] 2021-08-04
[30] US (16/781,783) 2020-02-04

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[51] **Int.Cl. G01S 11/00 (2006.01) E05B 73/00 (2006.01) G08B 5/36 (2006.01) G08B 21/18 (2006.01) H04W 4/30 (2018.01)**
[25] EN
[54] **BAGGAGE ALERT LOCK**
[54] **ALERTE DE VERROUILLAGE DE BAGAGES**
[72] WAN, EDGAR YEE KUO, CA
[71] WAN, EDGAR YEE KUO, CA
[22] 2021-02-03
[41] 2021-08-03
[30] US (62/969,511) 2020-02-03

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[51] **Int.Cl. G06N 10/00 (2019.01) G06N 20/00 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZING ANNEALING PARAMETERS**
[54] **SYSTEMES ET METHODES POUR OPTIMISER DES PARAMETRES DE RECUIT**
[72] AMIN, MOHAMMAD, CA
[71] D-WAVE SYSTEMS INC., CA
[22] 2021-02-03
[41] 2021-08-05
[30] US (17154210) 2021-01-21
[30] US (62970217) 2020-02-05

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[51] **Int.Cl. B28C 7/02 (2006.01) B01F 9/02 (2006.01) B01F 15/02 (2006.01) B28C 5/42 (2006.01) B28C 7/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING DISCHARGE OF A MIXER DRUM**
[54] **SYSTEMES ET METHODES POUR CONTROLER LE DECHARGEMENT D`UN TAMBOUR MELANGEUR**
[72] DATEMA, BRYAN S., US
[71] OSHKOSH CORPORATION, US
[22] 2021-02-03
[41] 2021-08-05
[30] US (62/970,228) 2020-02-05
[30] US (17/164,074) 2021-02-01

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[51] **Int.Cl. G06N 20/00 (2019.01) G06F 9/451 (2018.01) G06F 3/01 (2006.01) G06F 3/048 (2013.01) G06F 17/40 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING A GRAPHICAL USER INTERFACE USING MACHINE LEARNING AND MOVEMENT OF THE USER OR USER DEVICE**
[54] **METHODE ET SYSTEME POUR FOURNIR UNE INTERFACE UTILISATEUR GRAPHIQUE AU MOYEN DE L`APPRENTISSAGE AUTOMATIQUE ET LE DEPLACEMENT DE L`UTILISATEUR OU DE SON APPAREIL**
[72] MA, DANIEL, CA
[72] FIELDS, GREGORY JASON, CA
[71] MYPLANET INTERNET SOLUTIONS LTD., CA
[22] 2021-02-04
[41] 2021-08-07
[30] US (62/971,420) 2020-02-07
[30] US (62/971,438) 2020-02-07

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[51] **Int.Cl. B60J 9/00 (2006.01)**
[25] EN
[54] **VEHICLE HYBRID SAFETY HATCH**
[54] **PORTE DE SECURITE HYBRIDE DE VEHICULE**
[72] CLARK, WALKER CORIELL, US
[71] SPECIALTY MANUFACTURING, INC., US
[22] 2021-02-05
[41] 2021-08-06
[30] US (17/167,257) 2021-02-04
[30] US (62/970,771) 2020-02-06

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[51] **Int.Cl. F25B 1/00 (2006.01) F25B 41/40 (2021.01) F25B 9/00 (2006.01) F25B 43/02 (2006.01)**
[25] EN
[54] **COOLING SYSTEM WITH VERTICAL ALIGNMENT**
[54] **SYSTEME DE REFROIDISSEMENT A ALIGNEMENT VERTICAL**
[72] MARTIN, NICOLE Z., US
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2021-02-04
[41] 2021-08-05
[30] US (16/782,545) 2020-02-05

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[51] **Int.Cl. B01D 69/04 (2006.01) B01D 63/06 (2006.01)**
[25] EN
[54] **DEVICE AND PROCESS FOR CROSSFLOW MEMBRANE FILTRATION WITH INDUCED VORTEX**
[54] **DISPOSITIF ET PROCEDE DE FILTRATION SUR MEMBRANE A FLUX TRANSVERSAL COMPORTANT UN TOURBILLON INDUIT**
[72] CHRISTOU, PETER JAMES, CA
[71] SWIRLTEX HOLDINGS CORP., CA
[22] 2021-02-04
[41] 2021-08-05
[30] US (62/970,433) 2020-02-05
[30] CA (3,072,828) 2020-02-18

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/50 (2017.01) A61K 47/68 (2017.01) C07K 5/06 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **CONJUGATES OF CELL-BINDING MOLECULES WITH CYTOTOXIC AGENTS**
[54] **CONJUGUES DE MOLECULES DE LIAISON DE CELLULES COMPORTANT DES AGENTS CYTOTOXIQUES**
[72] ZHANG, YUE, CN
[72] ZHAO, R. YONGXIN, US
[72] MA, YOURANG, CN
[71] HANGZHOU DAC BIOTECH CO., LTD, CN
[22] 2021-02-04
[41] 2021-08-05
[30] US (16/782,456) 2020-02-05

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[51] **Int.Cl. F25B 1/00 (2006.01) F25B 41/40 (2021.01) F25B 9/00 (2006.01) F25B 43/02 (2006.01)**
[25] EN
[54] **COOLING SYSTEM WITH VERTICAL ALIGNMENT**
[54] **SYSTEME DE REFROIDISSEMENT A ALIGNEMENT VERTICAL**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2021-02-04
[41] 2021-08-05
[30] US (16/782,618) 2020-02-05

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[13] A1
[51] **Int.Cl. A44C 17/00 (2006.01) B28D 5/00 (2006.01)**
[25] EN
[54] **DIAMOND CUTS PROVIDING INCREASED LIGHT AMPLIFICATION**
[54] **TAILLE DE DIAMANT OFFRANT UNE AMPLIFICATION DE BRILLANCE ACCRUE**
[72] SLOWINSKI, CHRISTOPHER, US
[71] ECNA, LLC, US
[22] 2021-02-05
[41] 2021-08-07
[30] US (17/168,063) 2021-02-04
[30] US (62/971,806) 2020-02-07

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[13] A1
[51] **Int.Cl. A47C 4/28 (2006.01) A47C 17/64 (2006.01)**
[25] EN
[54] **COLLAPSIBLE SUPPORT BASE FOR FURNITURE WITH A FLEXIBLE USER SUPPORT PLATFORM**
[54] **BASE DE SUPPORT ESCAMOTABLE POUR DU MOBILIER COMPORTANT UNE PLATEFORME DE SUPPORT D`UTILISATEUR SOUPLE**
[72] ZHU, SHOU QIANG, CN
[71] MAXTON ENGINEERING LTD., CN
[22] 2021-02-05
[41] 2021-08-05
[30] US (62/970,332) 2020-02-05

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **RESOURCE MANAGEMENT AND CONTROL FOR WIRELESS COMMUNICATIONS**
[54] **GESTION ET CONTROLE DES RESSOURCES POUR DES COMMUNICATIONS SANS FIL**
[72] CIRIK, ALI CAGATAY, US
[72] DINAN, ESMAEL, US
[72] YI, YUNJUNG, US
[72] ZHOU, HUA, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2021-02-04
[41] 2021-08-04
[30] US (62/969,930) 2020-02-04

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[13] A1
[51] **Int.Cl. A47J 44/00 (2006.01) A23L 5/00 (2016.01) A23L 19/18 (2016.01) A47J 37/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR PREPARING FOOD**
[54] **APPAREIL POUR PREPARER DES ALIMENTS**
[72] LIBERMAN, GREGORY, CA
[71] LIBERMAN, GREGORY, CA
[22] 2021-02-04
[41] 2021-08-05
[30] US (16/782,394) 2020-02-05

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[13] A1
[51] **Int.Cl. F16B 43/00 (2006.01) B63B 73/40 (2020.01) F16J 15/06 (2006.01)**
[25] EN
[54] **SEAL SYSTEM FOR REMOVABLE COVER**
[54] **SYSTEME D`ETANCHEITE POUR UN COUVERCLE AMOVIBLE**
[72] BAMFORD, BRAD, CA
[71] AUTOMATIC COATING LIMITED, CA
[22] 2021-02-05
[41] 2021-08-05
[30] US (62/970,406) 2020-02-05

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[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) G06F 21/60 (2013.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ANONYMIZING AND PROVIDING ACCESS TO TRANSACTION DATA**
[54] **METHODES ET SYSTEMES POUR ANONYMISER ET FOURNIR UN ACCES A DES DONNEES DE TRANSACTION**
[72] EDWARDS, JOSHUA, US
[72] MOSSOBA, MICHAEL, US
[72] BENKREIRA, ABDELKADER, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2021-02-04
[41] 2021-08-06
[30] US (16/783,618) 2020-02-06
[30] US (17/036,320) 2020-09-29

[21] **3,108,197**
[13] A1
[51] **Int.Cl. B62J 23/00 (2006.01) B62M 25/04 (2006.01)**
[25] EN
[54] **PROTECTIVE BAR CAP**
[54] **BOUCHON DE PROTECTION D`EXTREMITE DE BARRE**
[72] HAIMES, MARK WILLIAM, CA
[71] LOAM LAB COMPONENTS LTD., CA
[22] 2021-02-05
[41] 2021-08-06
[30] US (62/970,870) 2020-02-06

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2021.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **A SOYBEAN VARIETY**
[54] **VARIETE DE SOJA**
[72] LEE, DAVID SCOTT, CA
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA CROP PROTECTION AG, CH
[22] 2021-02-04
[41] 2021-08-07
[30] US (62/971256) 2020-02-07

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **A SOYBEAN VARIETY**
[54] **VARIETE DE SOJA**
[72] SARTI-DVORJAK, DANIELA, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA CROP PROTECTION AG, CH
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[41] 2021-08-07
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[54] **TEMPORARY SUPPORT STRUCTURE**
[54] **STRUCTURE DE SUPPORT TEMPORAIRE**
[72] NEIGHBOR, KRISTOPHER MARK, US
[71] OSMOSE UTILITIES SERVICES, INC., US
[22] 2021-02-05
[41] 2021-08-05
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[54] **TOWER HOIST, PLATFORM AND DAVIT SYSTEM**
[54] **TOUR MONTE-CHARGE, PLATEFORME ET SYSTEME BOSSOIR**
[72] MAYFIELD, JAMES S., US
[71] MATT'S ARM, LLC, US
[22] 2021-02-08
[41] 2021-08-07
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[54] **NOSE WHEEL STEERING SYSTEM**
[54] **SYSTEME DE DIRECTION DE ROUE AVANT**
[72] ACKS, JAMES, US
[72] REBER, KOREY MICHAEL, US
[72] KUCERA, RONALD, US
[71] GOODRICH CORPORATION, US
[22] 2021-02-04
[41] 2021-08-06
[30] US (62/970,898) 2020-02-06

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[51] **Int.Cl. B64C 25/10 (2006.01) B64C 25/34 (2006.01)**
[25] EN
[54] **ARTICULATING TRUSS CONFIGURATION FOR AIRCRAFT LANDING GEAR**
[54] **CONFIGURATION DE CONTREFICHE ARTICULEE POUR UN TRAIN D`ATTERRISSAGE D`AERONEF**
[72] ACKS, JAMES, US
[71] GOODRICH CORPORATION, US
[22] 2021-02-04
[41] 2021-08-06
[30] US (62/970,906) 2020-02-06

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[51] **Int.Cl. G06Q 50/02 (2012.01) A01B 76/00 (2006.01)**
[25] EN
[54] **PREDICTIVE WEED MAP GENERATION AND CONTROL SYSTEM**
[54] **SYSTEME DE GENERATION ET DE CONTROLE D`UNE CARTE DE MAUVAISES HERBES PREDICTIVE**
[72] VANDIKE, NATHAN R., US
[72] PALLA, BHANU KIRAN REDDY, US
[72] ANDERSON, NOEL W., US
[71] DEERE & COMPANY, US
[22] 2021-02-05
[41] 2021-08-06
[30] US (16/783,511) 2020-02-06
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[54] **PUMP ASSEMBLY**
[54] **ASSEMBLAGE DE POMPE**
[72] LAPERRIERE, CLAUDE, CA
[72] PRUNERA-USACH, STEPHANE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[30] US (16/784,502) 2020-02-07

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[54] **FOLDABLE SEAT**
[54] **SIEGE PLIANT**
[72] KAY, CHARLES, CA
[71] KAY, CHARLES, CA
[22] 2021-02-08
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[54] **A SOYBEAN VARIETY**
[54] **VARIETE DE SOJA**
[72] LEE, DAVID SCOTT, CA
[71] SYNGENTA CROP PROTECTION AG, CH
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[54] **A FISHING LURE SHEET**
[54] **FEUILLE D`APPAT DE PECHE**
[72] SAPONJA, JEFFREY CHARLES, CA
[72] KREIN, DARRIN EMIL, CA
[71] SAPONJA, JEFFREY CHARLES, CA
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[25] EN
[54] **A SOYBEAN VARIETY**
[54] **VARIETE DE SOJA**
[72] DELHEIMER, JACOB CHARLES, US
[71] SYNGENTA CROP PROTECTION AG, CH
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[54] **MODULAR STORAGE STRUCTURE FOR POSITIONING IN A BODY OF WATER**
[54] **STRUCTURE DE RANGEMENT MODULAIRE A PLACER DANS UN PLAN D`EAU**
[72] ZIERKE, GREGORY M., US
[71] ZIERKE INNOVATIVE INDUSTRIES, LLC, US
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[54] **PROJECTORS FOR OVERHEAD HAZARD WARNING SYSTEMS**
[54] **PROJECTEURS POUR DES SYSTEMES D`AVERTISSEMENT EN CAS DE DANGER EN SURPLOMB**
[72] MCINTOSH, DAVID, CA
[72] SMITH, STEVE M., CA
[71] MCINTOSH, DAVID, CA
[71] SMITH, STEVE M., CA
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[54] **SYSTEMS AND METHODS FOR MODELING CONTINUOUS STOCHASTIC PROCESSES WITH DYNAMIC NORMALIZING FLOWS**
[54] **SYSTEMES ET METHODES POUR MODELISER DES PROCEDES STOCHASTIQUES CONTINUS COMPORTANT DES FLUX DE NORMALISATION DYNAMIQUES**
[72] DENG, RUIZHI, CA
[72] CHANG, BO, CA
[72] BRUBAKER, MARCUS ANTHONY, CA
[72] MORI, GREGORY PETER, CA
[72] LEHRMANN, ANDREAS STEFFEN MICHAEL, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2021-02-08
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[54] **HANDHELD HARVESTER FOR HARVESTING SEEDS FROM PLANTS**
[54] **RECOLTEUSE MANUELLE POUR RECOLTER LES GRAINES DE PLANTES**
[72] TANNAS, STEVEN, CA
[72] HOOPER, TIMOTHY, CA
[71] GREAT PLAINS RESTORATION SOLUTIONS INC., CA
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[54] **SARS-COV-2 VACCINES**
[54] **VACCINS CONTRE LE SRAS-COV-2**
[72] PAPASOTIRIOU, IOANNIS, CH
[71] R.G.C.C. HOLDINGS AG, CH
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[54] **ENTERPRISE EMBEDDED SUBSCRIBER IDENTIFICATION MODULE SOLUTIONS**
[54] **SOLUTIONS D`ENTREPRISE DE MODULE INTEGRE D`IDENTIFICATION D`UN ABONNE**
[72] SHAH, MEHUL, US
[72] NAMIRANIAN, BABAK, US
[71] T-MOBILE USA, INC., US
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[54] **VERIFYING USER INTERACTIONS ON A CONTENT PLATFORM**
[54] **VERIFICATION D'INTERACTIONS DES UTILISATEURS SUR UNE PLATEFORME DE CONTENU**
[72] WANG, GANG, US
[72] HERLE, SUDHI, US
[72] JACOBSON, ALEX DANIEL, US
[72] WRIGHT, MICHAEL, US
[72] KRALEVICH, NICHOLAS N., IV, US
[72] BONNE, BRAM, US
[72] HOGBEN, GILES, US
[71] GOOGLE LLC, US
[85] 2020-11-20
[86] 2020-02-06 (PCT/US2020/016998)
[87] (3100322)

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[54] **VERIFYING DISPLAY OF THIRD PARTY CONTENT AT A CLIENT DEVICE**
[54] **VERIFICATION DE L'AFFICHAGE D'UN CONTENU TIERS AU NIVEAU D'UN PERIPHERIQUE CLIENT**
[72] WANG, GANG, US
[72] JACOBSON, ALEX DANIEL, US
[71] GOOGLE LLC, US
[85] 2020-11-20
[86] 2020-02-06 (PCT/US2020/017027)
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[51] **Int.Cl. E21B 44/00 (2006.01) G06Q 10/04 (2012.01) E21B 21/08 (2006.01)**
[25] EN
[54] **EVENT PREDICTION USING STATE-SPACE MAPPING DURING DRILLING OPERATIONS**
[54] **PREVISION D'EVENEMENTS A L'AIDE D'UN MAPPAGE D'ESPACE D'ETATS PENDANT LES OPERATIONS DE FORAGE**
[72] PARAK, MAHDI, US
[72] MADASU, SRINATH, US
[72] MAROTTA, EGIDIO, US
[72] MCMULLIN, DALE, US
[72] RAIZADA, NISHANT, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[51] **Int.Cl. A61H 1/02 (2006.01) A61H 1/00 (2006.01) A63B 23/02 (2006.01)**
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[54] **A MULTIFUNCTIONAL APPARATUS**
[54] **APPAREIL MULTIFONCTIONNEL**
[72] XUE, GUANGHUI, CA
[71] XUE, GUANGHUI, CA
[85] 2021-03-03
[86] 2020-02-04 (PCT/CA2020/050133)
[87] (3110700)

[21] **3,115,659**
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[51] **Int.Cl. A24F 40/50 (2020.01) A24F 40/465 (2020.01)**
[25] EN
[54] **AEROSOL GENERATING DEVICE AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE PULVERISATION**
[72] KIM, YONG HWAN, KR
[72] YOON, SUNG WOOK, KR
[72] LEE, SEUNG WON, KR
[72] HAN, DAE NAM, KR
[71] KT&G CORPORATION, KR
[85] 2021-04-20
[86] 2020-12-15 (PCT/KR2020/018379)
[87] (3115659)
[30] KR (10-2020-0013739) 2020-02-05

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[51] **Int.Cl. A24F 40/50 (2020.01) A24F 40/40 (2020.01) A24F 40/465 (2020.01)**
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[54] **AEROSOL GENERATING DEVICE AND OPERATION METHOD THEREOF**
[54] **APPAREIL DE GENERATION D'AEROSOL ET SON PROCEDE D'EXPLOITATION**
[72] JUNG, HYUNG JIN, KR
[71] KT&G CORPORATION, KR
[85] 2021-05-04
[86] 2020-12-09 (PCT/KR2020/017967)
[87] (3117188)
[30] KR (10-2020-0015173) 2020-02-07

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[25] EN
[54] **VERY HIGH TEMPERATURE HOT END FOR FUSED DEPOSITION MODELING PRINTER**
[54]
[72] MISSOUT, ANTOINE, CA
[71] KILNCORE INC., CA
[85] 2021-06-17
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[51] **Int.Cl. A24F 40/10 (2020.01) A24F 40/40 (2020.01) B05B 7/20 (2006.01)**
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[54] **AEROSOL DELIVERING DEVICE AND AEROSOL GENERATING DEVICE WITH THE SAME**
[54] **DISPOSITIF DE DISTRIBUTION PAR AEROSOL ET DISPOSITIF DE GENERATION D'AEROSOL LE COMPRENANT**
[72] LEE, JONG SUB, KR
[72] LEE, JU HWAN, KR
[71] KT&G CORPORATION, KR
[85] 2021-07-02
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[25] EN
[54] **SYSTEM AND METHOD FOR PRIVACY-AWARE ANALYSIS OF VIDEO STREAMS AND OPERATION AND LEARNING OF COMPUTER-IMPLEMENTED CLASSIFICATION MODULE**
[54] **SYSTEME ET METHODE D'ANALYSE SENSIBLE A LA CONFIDENTIALITE DE DIFFUSIONSVIDEO ET OPERATION ET APPRENTISSAGE D'UN MODULE DE CLASSEMENT INFORMATIQUE**
[72] BADALONE, RICCARDO, CA
[72] FAROKHI, SOODEH, CA
[72] HAJI ABOLHASSANI, AMIR ABBAS, CA
[72] DUGUAY, FELIX-OLIVIER, CA
[72] BARRET, NEIL, CA
[72] ERFANI, MOSTAFA, CA
[72] VARGAS MORENO, AIDO ENRIQUE, CA
[72] MAGNAN, FRANCOIS, CA
[72] MILLS, ISAAC ALLAN JAMES, CA
[71] C2RO CLOUD ROBOTICS INC., CA
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[86] 2021-02-05 (PCT/CA2021/050131)
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[25] EN
[54] **METHODS AND SYSTEMS FOR MANAGEMENT OF MEDIA CONTENT ASSOCIATED WITH MESSAGE CONTEXT ON MOBILE COMPUTING DEVICES**
[54] **PROCEDES ET SYSTEMES DE GESTION DE CONTENU MULTIMEDIA ASSOCIE A UN CONTEXTE DE MESSAGE SUR DES DISPOSITIFS INFORMATIQUES MOBILES**
[72] KATS, PAUL, US
[72] CHERNICK, JEFFREY, US
[72] GOLDSTON, MARK RANDALL, US
[72] HAEDIKE, ARTHUR HERMAN, III, US
[72] PIRAYESH, SOHRAB, US
[71] VYNG, INC., US
[85] 2021-06-11
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[54] **METHOD AND SYSTEM FOR BALANCING MULTI-PHASE LLC POWER CONVERTER WITH SWITCH-CONTROLLED CAPACITORS**
[54] **PROCEDE ET SYSTEME POUR EQUILIBRER UN CONVERTISSEUR DE PUISSANCE LLC MULTIPHASE AVEC DES CONDENSATEURS COMMANDES PAR COMMUTATEUR**
[72] SHENG, BO, CA
[72] ZHOU, XIANG, CA
[72] LIU, WENBO, CA
[72] CHEN, YANG, CA
[72] LIU, YAN-FEI, CA
[72] YUREK, ANDREW, CA
[72] IYER, LAKSHMI VARAHA, US
[72] SCHLAGER, GERD, AT
[72] NEUDORFHOFER, MICHAEL, AT
[72] BAECK, WOLFGANG, AT
[71] MAGNA INTERNATIONAL INC., CA
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[54] **OUTIL DE SOUDAGE**
[72] RADIGHIERI, GREG ALAN, US
[71] TRINITY CENTRAL MAINTENANCE, LLC, US
[85] 2021-06-28
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[54] **TOOL AND SYSTEM FOR MEASUREMENT, DESIGN COMMUNICATION, ORDERING AND MANUFACTURE OF FLUID HANDLING SYSTEMS AND PARTS**
[54] **OUTIL ET SYSTEME DE MESURE, DE COMMUNICATION DE CONCEPTION, DE COMMANDE ET DE FABRICATION DE SYSTEMES ET DE PIECES DE MANIPULATION DE FLUIDE**
[72] MCGRATH, BRENDAN JAMES, US
[72] HORWILL, TIMOTHY WILLIAM, GB
[71] DYME PERFORMANCE SYSTEMS, INC., US
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[54] **MANAGED PRESSURE DRILLING WITH NOVEL NONCOMPRESSIBLE LIGHT WEIGHT FLUID**
[54] **FORAGE SOUS PRESSION CONTROLEE AVEC UN NOUVEAU FLUIDE LEGER NON COMPRESSIBLE**
[72] SMITH, KEVIN W., US
[71] HIGHLAND FLUID TECHNOLOGY, INC., US
[85] 2021-06-28
[86] 2020-06-30 (PCT/US2020/040276)
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[30] US (62/869,138) 2019-07-01
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[25] EN
[54] **SYSTEMS AND METHODS FOR MODULATING RNA**
[54] **SYSTEMES ET PROCEDES DE MODULATION D'ARN**
[72] DICKINSON, BRYAN C., US
[72] RAUCH, SIMONE, US
[71] THE UNIVERSITY OF CHICAGO, US
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[30] US (62/788,571) 2019-01-04
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[25] EN
[54] **DENTAL IMPLANTS, DENTAL IMPLANT SYSTEMS, AND METHODS FOR MAKING AND USING SAME**
[54] **IMPLANTS DENTAIRES, SYSTEMES D'IMPLANTS DENTAIRES, ET METHODES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] WEDEKING, TODD, US
[72] WEDEKING, IRIS, US
[71] IDENTICAL, INC., US
[85] 2021-06-28
[86] 2020-01-06 (PCT/US2020/012378)
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[30] US (62/788,620) 2019-01-04
[30] US (62/794,479) 2019-01-18
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[54] **METHODS AND SYSTEMS FOR CONNECTING AND METERING DISTRIBUTED ENERGY RESOURCE DEVICES**
[54] **PROCEDE ET SYSTEME DE CONNEXION ET DE MESURE DE DISPOSITIFS A RESSOURCES ENERGETIQUES DISTRIBUEES**
[72] KARLGAARD, MATT, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2021-06-28
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[54] **METHODS AND COMPOSITIONS TO IMPROVE THE SAFETY AND EFFICACY OF CELLULAR THERAPIES**
[54] **METHODES ET COMPOSITIONS POUR AMELIORER LA SECURITE ET L'EFFICACITE DE THERAPIES CELLULAIRES**
[72] CHAUDHARY, PREET M., US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[54] **NOVEL HUMANIZED ANTIBODIES AGAINST FACTOR XI HAVING ANTI-THROMBOTIC AND ANTI-INFLAMMATORY EFFECTS AND USES THEREOF**
[54] **NOUVEAUX ANTICORPS HUMANISES DIRIGES CONTRE LE FACTEUR XI AYANT DES EFFETS ANTI-THROMBOTIQUES ET ANTI-INFLAMMATOIRES ET UTILISATIONS ASSOCIEES**
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[72] TUCKER, ERIK I., US
[72] LORENTZ, CHRISTINA U., US
[71] ARONORA INC., US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
[71] GRUBER, ANDRAS, US
[71] TUCKER, ERIK I., US
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[54] **MONOLITHIC RETICULAR STRUCTURE FOR GEO GRIDS**
[54] **STRUCTURE RETICULAIRE MONOLITHIQUE POUR GEO-RESEAUX**
[72] BERETTA, CESARE, CH
[71] SAC INDUSTRIALE SA, CH
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[54] **CURRENCY-PROTOCOL CONVERGED E-MAIL SYSTEM, AND E-MAIL SENDING AND RECEIVING METHODS THEREFOR**
[54] **SYSTEME DE COURRIER ELECTRONIQUE FUSIONNE AVEC DES PROTOCOLES DE DEVISE, PROCEDE D'ENVOI DE COURRIER, ET PROCEDE DE RECEPTION DE COURRIER**
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[71] SHANGHAI FINMAIL NETWORK TECHNOLOGY CO., LTD., CN
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[54] **A PROCESS FOR CLEAN SAILING OF MARINE SHIP AND A SHIP**
[54] **PROCEDE DE NAVIGATION PROPRE POUR NAVIRE DE HAUTE MER ET NAVIRE**
[72] PENG, SIGAN, CN
[71] PENG, SIGAN, CN
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[54] **NOUVEAU POLYPEPTIDE ET SON APPLICATION THERAPEUTIQUE**
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[71] VITALIXIR (BEIJING) CO., LTD, CN
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[54] **SAMRNA VACCINE AND PREPARATION METHOD THEREFOR**
[54] **VACCIN A ARNSAM ET PROCEDE DE PREPARATION ASSOCIE**
[72] ZHU, TAO, CN
[72] LI, JUNQIANG, CN
[72] CHAO, SHOUBAI, CN
[72] XIN, CHUNLIN, CN
[72] MIAO, WEI, CN
[72] LU, XISHAN, CN
[71] CANSINO BIOLOGICS INC., CN
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[54] **PROCESS FOR PRODUCING A GASEOUS ACTIVE INGREDIENT OR A GASEOUS ACTIVE INGREDIENT MIXTURE, KIT FOR USE THEREIN AND GASEOUS COMPOSITION**
[54] **DISPOSITIF DE PRODUCTION D'UNE SUBSTANCE ACTIVE GAZEUSE OU D'UN MELANGE GAZEUX DE SUBSTANCES ACTIVES**
[72] SCHMITT, FRITZ, LU
[71] SCHMITT, FRITZ, LU
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[54] **VISION ACCESSORY IN SUB-CEILING LAYER FOR AN INFRARED DETECTOR**
[54] **ACCESSOIRE DE VISION DE COUCHE SOUS PLAFOND POUR DETECTEUR INFRAROUGE**
[72] MARTINSONS, CHRISTOPHE, FR
[72] LEPRETRE, PIERRE, FR
[71] CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT (CSTB), FR
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[54] **DEVICE FOR COATING AGGREGATES, METHOD AND USES**
[54] **DISPOSITIF D'ENROBAGE DE GRANULATS, PROCEDE ET UTILISATIONS**
[72] LOUBIER, MARTIN, CA
[72] STOLK, FRANK, CA
[71] COLAS, FR
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[54] **METHOD FOR MANUFACTURING AN ALUMINUM ALLOY PART**
[54] **PROCEDE DE FABRICATION D'UNE PIECE EN ALLIAGE D'ALUMINIUM**
[72] CHEHAB, BECHIR, FR
[71] C-TEC CONSTELLIUM TECHNOLOGY CENTER, FR
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[54] **CIRCUIT FOR A PASSIVE RADIO IDENTIFICATION TAG OPERATING IN A UHF BAND AND METHOD FOR OPERATING A CIRCUIT**
[54] **CIRCUIT POUR ETIQUETTE DE RADIO-IDENTIFICATION PASSIVE FONCTIONNANT DANS UNE BANDE UHF ET PROCEDE POUR OPERER UN CIRCUIT**
[72] GEYNET, LIONEL D., FR
[72] DELORME, NICOLAS, FR
[71] ASYGN, FR
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[54] **ZIRCONIA-BASED AQUEOUS NP-DISPERSION FOR USE IN COATING FILTER SUBSTRATES**
[54] **DISPERSION AQUEUSE DE NP A BASE DE ZIRCONE DESTINEE A ETRE UTILISEE DANS DES SUBSTRATS DE FILTRE DE REVETEMENT**
[72] SCAPENS, DAVID ALASTAIR, GB
[72] HARRIS, DEBORAH JAYNE, GB
[71] MAGNESIUM ELEKTRON LIMITED, GB
[85] 2021-07-06
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[54] **A SHEATH FOR A STRUCTURAL CABLE**
[54] **GAINE POUR CABLE STRUCTURAL**
[72] FABRY, NICOLAS, FR
[72] CROS, EMMANUEL, FR
[72] ERDOGAN, JULIEN, FR
[71] SOLETANCHE FREYSSINET, FR
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[54] **SYSTEM AND METHOD FOR DETECTING SCAN IRREGULARITIES AT SELF-CHECKOUT TERMINALS**
[54] **SYSTEME ET PROCEDE DE DETECTION D'IRREGULARITES DE BALAYAGE AU NIVEAU DE TERMINAUX DE CAISSE EN LIBRE SERVICE**
[72] PRICOCHI, ANDREI, RO
[72] CIPRIAN, DAVID, RO
[72] CERNAZANU-GLAVAN, COSMIN, RO
[72] PESCARU, DAN, RO
[71] EVERSEEN LIMITED, IE
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[54] **AERIAL LIFT WITH REMOVABLE CONTROL CONSOLE, COMPRISING A PROTECTION DEVICE FOR PREVENTING THE OPERATOR FROM BEING CRUSHED**
[54] **NACELLE ELEVATRICE A PUPITRE DE COMMANDE AMOVIBLE COMPRENANT UNE PROTECTION ANTI-ECRASEMENT DE L'OPERATEUR**
[72] BONNEFOY, NICOLAS, FR
[72] COLASSE, ARNAUD, FR
[72] BOIREAUD, FRANCOIS, FR
[71] HAULOTTE GROUP, FR
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[54] **METHOD AND ARRANGEMENT FOR FEEDBACK BASED CONTROL IN CHEMICAL REFINING OF WOOD**
[54] **PROCEDE ET AGENCEMENT POUR COMMANDE A BASE DE RETROACTION DANS LE RAFFINAGE CHIMIQUE DE BOIS**
[72] TURUNEN, SAMI, FI
[72] LAITILA, MIKA, FI
[72] TAMPER, JUHA, FI
[71] UPM-KYMMENE CORPORATION, FI
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[54] **DISPOSITIF DE PRELEVEMENT DE CARBURANT**
[72] JAMES, MICHAEL JOHN, GB
[72] BATEMAN, PAUL GRAHAM, GB
[71] FUEL ACTIVE LIMITED, GB
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[25] FR
[54] **METHOD FOR PRODUCING A TEREPHTHALATE POLYESTER FROM A MONOMERIC MIXTURE COMPRISING A DIESTER**
[54] **PROCEDE DE PRODUCTION D'UN POLYESTER TEREPHTALATE A PARTIR D'UN MELANGE MONOMERIQUE COMPRENANT UN DIESTER**
[72] THINON, OLIVIER, FR
[72] GAUTHIER, THIERRY, FR
[71] IFP ENERGIES NOUVELLES, FR
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[54] **ELEMENT TEXTILE TEL QU'UN VETEMENT**
[72] GUERITEE, JULIEN, FR
[72] MIGUET, FLORIAN, FR
[72] MOUETTE, PIERRE, CN
[71] CLIM8, FR
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[54] **VALVE FOR HYDRAULIC CONTROL AND BALANCING OF FLUID FLOW RATE**
[54] **SOUPAPE POUR COMMANDE HYDRAULIQUE ET EQUILIBRAGE DE DEBIT DE FLUIDE**
[72] MOLINA, SAMUELE, IT
[72] ZUFFELLATO, ANDREA, IT
[72] ROSA BRUSIN, MARCO, IT
[72] ARRUS, PAOLO, IT
[71] GIACOMINI S.P.A., IT
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[54] **HOLDER FOR INHALER ARTICLE**
[54] **SUPPORT POUR ARTICLE D'INHALATEUR**
[72] CAMPITELLI, GENNARO, IT
[72] DAYIOGLU, ONUR, CH
[72] SPADARO, FABIANA, CH
[72] ZUBER, GERARD, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **ANTIBODIES SPECIFIC TO HUMAN NECTIN-2**
[54] **ANTICORPS SPECIFIQUES A LA NECTINE-2 HUMAINE**
[72] MANDELBOIM, OFER, IL
[72] TSUKERMAN, PINCHAS, IL
[72] JONJIC, STIPAN, HR
[72] LENAC ROVIS, TIHANA, HR
[72] KUCAN BRLIC, PAOLA, HR
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
[71] UNIVERSITY OF RIJEKA FACULTY OF MEDICINE, HR
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[25] EN
[54] **WIRELESS LOCATION ASSISTED ZONE GUIDANCE SYSTEM INCORPORATING DYNAMICALLY VARIABLE INTERVALS BETWEEN SEQUENTIAL POSITION REQUESTS**
[54] **SYSTEME DE GUIDAGE DE ZONE ASSISTE PAR UN EMPLACEMENT SANS FIL INCORPORANT DES INTERVALLES VARIABLES DE MANIERE DYNAMIQUE ENTRE DES DEMANDES DE POSITION SEQUENTIELLES**
[72] LANDERS, RODNEY P., US
[72] NIEUWSMA, KEVIN L., US
[72] JAMES, CHAD R., US
[72] ERICKSON, MICHAEL D., US
[72] KREKELBERG, PATRICK J., US
[72] ANDERSON, GREGORY M., US
[71] GPSIP, INC., US
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[54] **NAIL POLISH APPLICATION AND SOLIDIFICATION APPARATUS**
[54] **APPAREIL D'APPLICATION ET DE SOLIDIFICATION DE VERNIS A ONGLES**
[72] MORAN, OMRI, US
[72] MOR YOSEF, AVICHAY, IL
[72] MILLER, RON, IL
[72] DOLEV, OMER, IL
[72] KHODOS, BORIS, IL
[71] NAILOMATIC LTD., IL
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[54] **METHODS AND SYSTEMS FOR CHARACTERIZING A POROUS ROCK SAMPLE EMPLOYING COMBINED CAPILLARY PRESSURE AND NMR MEASUREMENTS**
[54] **PROCEDES ET SYSTEMES POUR CARACTERISER UN ECHANTILLON DE ROCHE POREUSE A L'AIDE DE MESURES DE PRESSION CAPILLAIRE ET DE RMN COMBINEES**
[72] SONG, YI-QIAO, US
[72] SOUZA, ANDRE, BR
[72] VEMBUSUBRAMANIAN, MUTHUSAMY, US
[72] ZHANG, TUANFENG, US
[72] XU, WENYUE, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **CONTENT DELIVERY NETWORK SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE RESEAU DE DISTRIBUTION DE CONTENU**
[72] PARANJPE, ROHIT, IN
[72] BARARIA, RIPUNJAY, IN
[72] GORADIA, DEVANG, IN
[71] MARGO NETWORKS PVT. LTD., IN
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[54] **QUALITY ASSURANCE DEVICE WITH PASSIVE OPTICAL COMPONENT AND REMOTE CAMERA**
[54] **DISPOSITIF D'ASSURANCE QUALITE DOTE D'UN COMPOSANT OPTIQUE PASSIF ET D'UNE CAMERA A DISTANCE**
[72] MOLLOY, JANELLE A., US
[72] CHEEK, DENNIS A., US
[72] CHEN, QUAN, US
[71] UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US
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[54] **APPARATUS AND METHOD FOR THE AUTOMATED MANAGEMENT OF BACTERIAL LOAD DETECTOR DEVICES**
[54] **APPAREIL ET PROCEDE PERMETTANT LA GESTION AUTOMATISEE DE DISPOSITIFS DE DETECTION DE CHARGE BACTERIENNE**
[72] GABUSI, GABRIELE, IT
[71] I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A., IT
[85] 2021-07-07
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[54] **SYSTEMS AND METHODS FOR HOME TRANSDERMAL GFR MONITORING**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE TRANSDERMIQUE DU DFG A DOMICILE**
[72] DORSHOW, RICHARD B., US
[72] HANLEY, STEVEN J., US
[72] STERN, TERRENCE, US
[71] MEDIBEACON INC., US
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[54] **HEAVY MACHINERY PIN WITH PAWL**
[54] **BROCHE DE MACHINERIE LOURDE AVEC CLIQUET**
[72] LOMBARDO, PASQUALE, US
[72] LOMBARDO, GAETANO, US
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[54] **ENSEMBLE ACTIONNEUR INTEGRE AMOVIBLE POUR PINCE ELECTROCHIRURGICALE**
[72] CORNACCHIA III, LOUIS G., US
[71] BIPAD, INC., US
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[54] **AUGMENTATION DE DISPOSITIF DE COMMUNICATION EN TEMPS REEL**
[72] BEJJANKI, SANTHOSH KUMAR, US
[72] SHKRABAK, SERGII, US
[72] SAMPIERI, THOMAS JOHN, US
[72] BOZHKO, DMYTRO, US
[71] CITRIX SYSTEMS, INC., US
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[54] **UNITE D'AMORTISSEMENT A ETRIER A QUEUE REDUITE**
[72] SUNDE, JONATHAN, US
[72] RING, MICHAEL, US
[71] STRATO, INC., US
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[54] **DISPOSITIF ELECTRIQUE AVEC CAPTEURS ET/OU COMMUNICATIONS INCORPORES**
[72] FRID, EUGENE, US
[72] HAGEN, WILLIAM, US
[72] ROSA, RALPH, US
[72] NIEWIADOMSKI, JAN, US
[72] CALAMITA, MICHAEL, US
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[54] **SYSTEME D'ORIENTATION DE DISPOSITIF DE SUSPENSION**
[72] ROBOTTOM, GAVIN, GB
[72] THORNTON, EDWARD, US
[71] CAMERON TECHNOLOGIES LIMITED, NL
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[54] **LIEURS SANS TRACE ET CONJUGUES PROTEIQUES ASSOCIES**
[72] HAN, AMY, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **ABANDON RAPIDE IGMP A ETAT**
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[71] ARRIS ENTERPRISES LLC, US
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[54] **MATERIAUX DE CATHODE STABLES**
[72] REMPEL, JANE, US
[72] OFER, DAVID, US
[72] NELSON, JENNIFER, US
[72] PULLEN, ADRIAN, US
[72] SAHIN, KENAN, US
[72] SRIRAMULU, SURESH, US
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[54] **WINDSHIELD WIPER BLADE ADAPTER**
[54] **ADAPTATEUR DE BALAI D'ESSUIE-GLACE**
[72] LEE, ALBERT, US
[71] ALBEREE PRODUCTS, INC., US
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[54] **METHOD AND SYSTEM FOR CONTENT AGNOSTIC FILE INDEXING**
[54] **PROCEDE ET SYSTEME D'INDEXATION DE FICHIER COMPATIBLE AVEC LE CONTENU**
[72] MCELVEEN, CHRISTOPHER, US
[71] LOGNOVATIONS HOLDINGS, LLC, US
[71] MCELVEEN, CHRISTOPHER, US
[85] 2021-07-07
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[54] **CLINCH FASTENER**
[54] **DISPOSITIF DE FIXATION A SERTISSAGE**
[72] DONOVAN, STEVEN P., US
[72] WARJU, BRYAN D., US
[71] ACUMENT INTELLECTUAL PROPERTIES, LLC, US
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[86] 2020-01-08 (PCT/US2020/012664)
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[54] **PROTHESE ENDOVASCULAIRE**
[72] CABLE, DAVID GEORGE, US
[71] OSF HEALTHCARE SYSTEM, US
[85] 2021-07-07
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[54] **DISPOSITIFS MEDICAUX BIOABSORBABLES**
[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY B., US
[72] HAYES, BYRON K., US
[72] JOYNSON, SAMUEL, US
[72] MCDANIEL, TOM R., US
[72] MESSICK, DAVID J., US
[72] SHAW, EDWARD E., US
[72] CHAN, MICHAEL C., US
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[54] **SYSTEMS AND METHODS FOR QUANTITATIVE ABDOMINAL AORTIC ANEURYSM ANALYSIS USING 3D ULTRASOUND IMAGING**
[54] **SYSTEMES ET PROCEDES D'ANALYSE QUANTITATIVE D'ANEVRISME AORTIQUE ABDOMINAL EN UTILISANT L'IMAGERIE ULTRASONORE 3D**
[72] YANG, FUXING, US
[71] VERATHON INC., US
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[54] **INHIBITEURS DE LA SYNTHESE DES LEUCOTRIENES**
[72] BURGOYNE, DAVID L., CA
[72] DEBRUIN, ERIN, CA
[72] FONAREV, JULIA, CA
[72] YEE, JAMES GEE KEN, CA
[72] LANGLANDS, JOHN MICHAEL, CA
[71] NAEGIS PHARMACEUTICALS INC., CA
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[54] **INTRAVENOUS THERAPY SYSTEM FOR BLOOD VESSEL DETECTION AND VASCULAR ACCESS DEVICE PLACEMENT**
[54] **SYSTEME DE THERAPIE INTRAVEINEUSE POUR DETECTION DE VAISSEAU SANGUIN ET MISE EN PLACE DE DISPOSITIF D'ACCES VASCULAIRE**
[72] BURKHOLZ, JONATHAN KARL, US
[72] MA, YIPING, US
[72] SPATARO, JOSEPH, US
[72] TRAN, HUY, US
[72] PETERSON, BART D., US
[72] WILLYBIRO, KATHRYN, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **MATERIAU POREUX A CARACTERISTIQUES A L'ECHELLE MICROSCOPIQUE**
[72] TUSZYNSKI, MARK H., US
[72] SAKAMOTO, JEFFREY S., US
[72] PAWELEC, KENDELL M., US
[72] KOFFLER, YACOV M., US
[72] SAILOR, MICHAEL, US
[72] ZUIDEMA, JONATHAN, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[71] UNIVERSITY OF CALIFORNIA, SAN DIEGO, US
[71] TUSZYNSKI, MARK H., US
[71] SAKAMOTO, JEFFREY S., US
[71] PAWELEC, KENDELL M., US
[71] KOFFLER, YACOV M., US
[71] SAILOR, MICHAEL, US
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[54] **INTEGRATED COAXIAL PERFORATING ACIDIZING OPERATION**
[54] **OPERATION D'ACIDIFICATION ET PERFORATION COAXIALE INTEGREE**
[72] HAN, CHENGHUA, US
[72] POWELL, RYAN, US
[72] THIESSEN, SCOTT, US
[72] HITT, JOSEPH, US
[71] HUNTING TITAN, INC., US
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[54] **DISPOSITIF D'ALERTE AUDIBLE**
[72] BARNES, EDWARD, GB
[72] PRIESTLEY, ADRIAN, GB
[72] INGLEBY, PAUL, GB
[71] BRADY WORLDWIDE, INC., US
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[54] **SYSTEME DE THERAPIE PAR INTRAVEINEUSE COMPORTANT UNE EMBASE D'AIGUILLE ET UNE EMBASE DE CATHETER**
[72] SPATARO, JOSEPH, US
[72] WILLYBIRO, KATHRYN, US
[72] TRAN, HUY, US
[72] MA, YIPING, US
[72] PETERSON, BART D., US
[72] O'BRYAN, JEFFREY C., US
[72] BURKHOLZ, JONATHAN KARL, US
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[54] **TYK2 INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE TYK2 ET LEURS UTILISATIONS**
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[71] NIMBUS LAKSHMI, INC., US
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[54] **CONFIRMATION DE POSE DE CATHETER A L'INTERIEUR D'UNE VEINE**
[72] MA, YIPING, US
[72] ISAACSON, S., RAY, US
[72] HARDING, WESTON F., US
[72] SPATARO, JOSEPH, US
[72] TRAN, HUY, US
[72] BURKHOLZ, JONATHAN KARL, US
[72] NATESAN, MOHANKUMAR, SG
[72] CHENG, KIAT JIN, SG
[72] WILLYBIRO, KATHRYN, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **SYSTEME DE VERIFICATION DE PERMEABILITE**
[72] MA, YIPING, US
[72] SPATARO, JOSEPH, US
[72] TRAN, HUY, US
[72] WILLYBIRO, KATHRYN, US
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[72] PETERSON, BART D., US
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[54] **SPECTROMETRE DE MASSE A IONISATION PAR ELECTROPULVERISATION PAR CHROMATOGRAPHIE-ELECTRONEBULISATION DE PROTEINE A**
[72] WANG, SHUNHAI, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2021-07-07
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[54] **SYSTEME DE THERAPIE INTRAVEINEUSE POUR LA DETECTION DE VAISSEAUX SANGUINS**
[72] MA, YIPING, US
[72] WILLYBIRO, KATHRYN, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **TARGETED NANOPARTICLES AND THEIR USES RELATED TO FUNGAL INFECTIONS**
[54] **NANOPARTICULES CIBLEES ET LEURS UTILISATIONS ASSOCIEES A DES INFECTIONS FONGIQUES**
[72] AMBATI, SURESH, US
[72] MEAGHER, RICHARD B., US
[72] LEWIS, ZACHARY, US
[72] LIN, XIAORONG, US
[72] MOMANY, MICHELLE, US
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, US
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[54] **SURFACE COVERINGS INCLUDING CARBON SEQUESTERING MATERIALS AND METHODS OF MAKING**
[54] **REVETEMENTS DE SURFACE COMPRENANT DES MATERIAUX SEQUESTRANT LE CARBONE ET PROCEDES DE FABRICATION**
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[72] JONES, STUART, US
[72] CULPEPPER, ANDRE, US
[72] HOBBS, JAMES, US
[72] ACHILLI, LUCA, GB
[72] BUNTARA, TEDDY, NL
[72] HENSLER, CONNIE DANIEL, US
[72] BRADFORD, JOHN, US
[72] JONES, WILLIAM NATHAN, US
[72] BOYD, MICHAEL LINDSAY, AU
[71] INTERFACE, INC., US
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[72] WINTER, NATALIE, GB
[71] GAS EXPANSION MOTORS LIMITED, GB
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[54] **PROCEDE DE FIXATION D'ELECTRODE A ELEMENT A CRISTAUX LIQUIDES**
[72] BABA, JUNICHI, JP
[71] KYUSHU NANOTEC OPTICS CO., LTD., JP
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[72] TAKEDA, DAIKI, JP
[72] TAKEDA, KAZUAKI, JP
[72] ISOGAWA, TAKAYUKI, JP
[72] OHARA, TOMOYA, JP
[71] NTT DOCOMO, INC., JP
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[54] **APPAREIL UTILISATEUR ET APPAREIL DE STATION DE BASE**
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[72] OGUMA, YUTA, JP
[71] NTT DOCOMO, INC., JP
[85] 2021-07-07
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[54] **AGENT DE REVETEMENT D'ANCRAGE**
[72] FUJITA, ATSUSHI, JP
[72] ASADA, NAOYA, JP
[72] ITO, GENTA, JP
[71] SAKATA INX CORP., JP
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[54] **THREADED CONNECTION FOR PIPES**
[54] **ACCOUPLEMENT FILETE POUR CANALISATIONS**
[72] ISHII, KAZUYA, JP
[72] GOTO, KUNIO, JP
[72] SUGINO, MASAAKI, JP
[72] OKU, YOUSUKE, JP
[71] NIPPON STEEL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
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[51] **Int.Cl. E02F 3/84 (2006.01) E02F 3/85 (2006.01) E02F 9/20 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM AND CONTROL METHOD FOR WORK MACHINE**
[54] **SYSTEME DE COMMANDE ET PROCEDE DE COMMANDE POUR MACHINE DE TRAVAIL**
[72] HARADA, JUNJI, JP
[71] KOMATSU LTD., JP
[85] 2021-07-07
[86] 2020-02-17 (PCT/JP2020/006038)
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[51] **Int.Cl. G01N 29/02 (2006.01) G01N 29/44 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND PROGRAM FOR CALIBRATING MOISTURE SENSOR**
[54] **SYSTEME, PROCEDE ET PROGRAMME D'ETALONNAGE D'UN CAPTEUR D'HUMIDITE**
[72] IWAYA, TAKAMITSU, JP
[72] AKAO, SHINGO, JP
[72] OKANO, TATSUHIRO, JP
[72] TAKEDA, NOBUO, JP
[72] TSUJI, TOSHIHIRO, JP
[72] OIZUMI, TORU, JP
[72] FUKUSHI, HIDEYUKI, JP
[72] SUGAWARA, MAKI, JP
[72] TSUKAHARA, YUSUKE, JP
[72] YAMANAKA, KAZUSHI, JP
[71] BALL WAVE INC., JP
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[51] **Int.Cl. B41J 2/045 (2006.01)**
[25] EN
[54] **PRINT COMPONENT WITH MEMORY ARRAY USING INTERMITTENT CLOCK SIGNAL**
[54] **COMPOSANT D'IMPRESSION AVEC MATRICE MEMOIRE UTILISANT UN SIGNAL D'HORLOGE INTERMITTENT**
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A., US
[72] CUMBIE, MICHAEL W., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[86] 2019-02-06 (PCT/US2019/016727)
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[51] **Int.Cl. B41J 2/14 (2006.01) B41J 2/045 (2006.01)**
[25] EN
[54] **DIE FOR A PRINTHEAD**
[54] **MATRICE POUR TETE D'IMPRESSION**
[72] MARTIN, ERIC, US
[72] LINN, SCOTT A., US
[72] GARDNER, JAMES MICHAEL, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **DIE FOR A PRINTHEAD**
[54] **MATRICE POUR TETE D'IMPRESSION**
[72] CUMBIE, MICHAEL W., US
[72] LINN, SCOTT A., US
[72] FULLER, ANTHONY M., US
[72] GARDNER, JAMES MICHAEL, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[51] **Int.Cl. B41J 2/14 (2006.01)**
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[54] **DIE FOR A PRINTHEAD**
[54] **MATRICE POUR TETE D'IMPRESSION**
[72] GARDNER, JAMES MICHAEL, US
[72] FULLER, ANTHONY M., US
[72] CUMBIE, MICHAEL W., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[51] **Int.Cl. B41J 2/045 (2006.01) B41J 2/14 (2006.01)**
[25] EN
[54] **DIE FOR A PRINTHEAD**
[54] **MATRICE POUR TETE D'IMPRESSION**
[72] LINN, SCOTT A., US
[72] GARDNER, JAMES MICHAEL, US
[72] CUMBIE, MICHAEL W., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[51] **Int.Cl. B41J 2/045 (2006.01) B41J 2/14 (2006.01)**
[25] EN
[54] **DIE FOR A PRINTHEAD**
[54] **MATRICE POUR TETE D'IMPRESSION**
[72] GARDNER, JAMES MICHAEL, US
[72] FULLER, ANTHONY M., US
[72] CUMBIE, MICHAEL W., US
[72] LINN, SCOTT A., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[51] **Int.Cl. H01M 4/36 (2006.01) H01M 4/525 (2010.01) C01G 51/00 (2006.01) C01G 53/00 (2006.01) H01M 4/62 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE METAL OXIDES WITH ENRICHED GRAIN BOUNDARIES**
[54] **OXYDES METALLIQUES POLYCRISTALLINS A JOINTS DE GRAINS ENRICHIS**
[72] PULLEN, ADRIAN, US
[72] OFER, DAVID, US
[72] SRIRAMULU, SURESH, US
[72] SAHIN, KENAN, US
[72] REMPEL, JANE, US
[71] CAMX POWER LLC, US
[85] 2021-07-07
[86] 2019-10-23 (PCT/US2019/057630)
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[25] EN
[54] **IMPLANTABLE DEVICES WITH WELDED MULTI-CONTACT ELECTRODES AND CONTINUOUS CONDUCTIVE ELEMENTS**
[54] **DISPOSITIFS IMPLANTABLES COMPORTANT DES ELECTRODES SOUDEES A CONTACTS MULTIPLES ET DES ELEMENTS CONDUCTEURS CONTINUS**
[72] MCLAUGHLIN, BRYAN, US
[72] CHITNIS, GIRISH, US
[72] OGREN, JOHN, US
[71] MICRO-LEADS, INC., US
[71] MCLAUGHLIN, BRYAN, US
[71] CHITNIS, GIRISH, US
[71] OGREN, JOHN, US
[85] 2021-07-07
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[54] **APPARATUSES FOR CUTTING FOOD PRODUCTS AND METHODS FOR OPERATING THE SAME**
[54] **APPAREILS DE DECOUPE DE PRODUITS ALIMENTAIRES ET LEURS PROCEDES D'UTILISATION**
[72] BAXTER, COREY EVERETTE, US
[72] JACKO, MICHAEL SCOT, US
[72] BARBER, KEITH ALAN, US
[72] RUEGG, RICHARD JAMES, US
[71] URSCHEL LABORATORIES, INC., US
[71] FRITO-LAY NORTH AMERICA, INC., US
[85] 2021-07-07
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[51] **Int.Cl. A61K 31/137 (2006.01) A61K 31/485 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **COMBINATION OF DEXTROMETHORPHAN AND BUPROPION FOR TREATING DEPRESSION**
[54] **COMBINAISON DE DEXTROMETHORPHANE ET DE BUPROPION POUR LE TRAITEMENT DE LA DEPRESSION**
[72] TABUTEAU, HERRIOT, US
[71] ANTECIP BIOVENTURES II LLC, US
[85] 2021-07-07
[86] 2020-01-07 (PCT/US2020/012612)
[87] (WO2020/146412)
[30] US (62/789,431) 2019-01-07
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 35/17 (2015.01) C07K 16/40 (2006.01)**
[25] EN
[54] **CONSTRUCTS TARGETING LABYRINTHIN OR A PORTION THEREOF AND USES THEREOF**
[54] **CONSTRUCTIONS CIBLANT LA LABYRINTHINE OU UNE PARTIE DE CELLE-CI ET LEURS UTILISATIONS**
[72] BABICH, MICHAEL, US
[72] RADOSEVICH, JAMES A., US
[71] LABYRX IMMUNOLOGIC THERAPEUTICS (USA) LIMITED, US
[85] 2021-07-07
[86] 2020-01-07 (PCT/US2020/012613)
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[51] **Int.Cl. A61K 35/17 (2015.01) A61K 35/00 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **IMPROVED TARGETED T-CELL THERAPY FOR TREATMENT OF MULTIPLE MYELOMA**
[54] **THERAPIE AMELIOREE A LYMPHOCYTES T CIBLES POUR LE TRAITEMENT DU MYELOME MULTIPLE**
[72] BOLLARD, CATHERINE MARY, US
[72] CRUZ, CONRAD RUSSELL Y., US
[72] HANLEY, PATRICK, US
[71] CHILDREN'S NATIONAL MEDICAL CENTER, US
[85] 2021-07-07
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[51] **Int.Cl. A23L 33/135 (2016.01) A61K 35/74 (2015.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMPOSITION FOR PREVENTING, ALLEVIATING OR TREATING NEURODEGENERATIVE DISEASES, COMPRISING PEDIOCOCCUS INOPINATUS**
[54] **COMPOSITION COMPRENANT PEDIOCOCCUS INOPINATUS POUR PREVENIR, SOULAGER OU TRAITER DES MALADIES NEURODEGENERATIVES**
[72] CHOI, HAK JONG, KR
[72] KIM, NAM HEE, KR
[72] PARK, HYO KYEONG, KR
[71] KOREA FOOD RESEARCH INSTITUTE, KR
[85] 2021-07-07
[86] 2020-01-15 (PCT/KR2020/000754)
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[51] **Int.Cl. A61K 39/00 (2006.01) C12N 5/0783 (2010.01) A61P 35/00 (2006.01)**
[25] EN
[54] **EX VIVO ACTIVATED T-LYMPHOCYTIC COMPOSITIONS AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS DE LYMPHOCYTES T ACTIVEES EX VIVO ET LEURS PROCEDES D'UTILISATION**
[72] BOLLARD, CATHERINE MARY, US
[72] CRUZ, CONRAD RUSSELL Y., US
[72] HANLEY, PATRICK, US
[71] CHILDREN'S NATIONAL MEDICAL CENTER, US
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/48 (2006.01) A61K 47/26 (2006.01) A61K 47/36 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING (S)-4-(4-(4-(((2-(2,6-DIOXOPIPERIDIN-3-YL)-1-OXOISOINDOLIN-4-YL)OXY)METHYL) BENZYL)PIPERAZIN-1-YL)-3-FLUOROBENZONITRILE AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DU (S)-4-(4-(4-(((2-(2,6-DIOXOPIPERIDIN-3-YL)-1-OXOISOINDOLIN-4-YL)OXY)METHYL)BENZYL)PIPERAZIN-1-YL)-3-FLUOROBENZONITRILE ET LEURS METHODES D'UTILISATION**
[72] AGRAWAL, ANJALI, US
[72] CHEN, MING J., US
[72] KARKI, SHYAM BABU, US
[72] THOOL, PRAJWAL GUNWANTH, US
[72] VISKY, DORA, US
[72] XIE, RUIMIN, US
[71] CELGENE CORPORATION, US
[85] 2021-07-07
[86] 2020-01-08 (PCT/US2020/012649)
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[30] US (62/790,229) 2019-01-09

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[25] EN
[54] **COMPOSITION FOR DIAGNOSING OR TREATING CONDITIONS ASSOCIATED WITH INCREASED ELF4E ACTIVITY COMPRISING ELF4E INHIBITOR**
[54] **COMPOSITION POUR LE DIAGNOSTIC OU LE TRAITEMENT D'AFFECTIONS ASSOCIEES A UNE ACTIVITE D'ELF4E ACCRUE COMPRENANT UN INHIBITEUR D'ELF4E**
[72] LEE, JEONG HO, KR
[72] KIM, JANG KEUN, KR
[72] KIM, BYUNG TAE, KR
[72] KIM, SUN-GYUN, KR
[71] SOVARGEN CO., LTD., KR
[85] 2021-07-07
[86] 2020-09-03 (PCT/KR2020/011877)
[87] (WO2021/045538)
[30] KR (10-2019-0109090) 2019-09-03
[30] KR (10-2019-0109091) 2019-09-03

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[51] **Int.Cl. B23D 47/12 (2006.01) B23D 45/02 (2006.01) B23D 45/04 (2006.01) B23Q 5/04 (2006.01) B27B 5/29 (2006.01) B28D 1/04 (2006.01) E01C 23/09 (2006.01)**
[25] EN
[54] **A HANDHELD CUT-OFF SAW FOR CUTTING CONCRETE AND STONE, COMPRISING A DRIVE ARRANGEMENT FOR DRIVING A CIRCULAR CUTTING TOOL**
[54] **TRONCONNEUSE PORTATIVE POUR COUPER DU BETON ET DE LA PIERRE, COMPRENANT UN AGENCEMENT D'ENTRAINEMENT POUR ENTRAINER UN OUTIL DE COUPE CIRCULAIRE**
[72] PINZANI, HAKAN, SE
[72] SUNDBERG, NIKLAS, SE
[72] KARLSSON, FREDRIK, SE
[71] HUSQVARNA AB, SE
[85] 2021-07-07
[86] 2020-02-20 (PCT/SE2020/050197)
[87] (WO2020/171766)
[30] SE (1950229-3) 2019-02-21

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[51] **Int.Cl. C12Q 1/68 (2018.01) G16H 50/50 (2018.01) G16H 50/70 (2018.01)**
[25] EN
[54] **GENOMIC PROFILING SIMILARITY**
[54] **SIMILARITE DE PROFILAGE GENOMIQUE**
[72] ABRAHAM, JIM, US
[72] SPETZLER, DAVID, US
[72] KORN, WOLFGANG MICHAEL, US
[71] CARIS MPI, INC., US
[85] 2021-07-07
[86] 2020-01-08 (PCT/US2020/012815)
[87] (WO2020/146554)
[30] US (62/789,929) 2019-01-08
[30] US (62/835,999) 2019-04-18
[30] US (62/836,540) 2019-04-19
[30] US (62/843,204) 2019-05-03
[30] US (62/855,623) 2019-05-31
[30] US (62/871,530) 2019-07-08

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61K 35/76 (2015.01)**
[25] EN
[54] **DNA MONOCLONAL ANTIBODIES TARGETING PD-1 FOR THE TREATMENT AND PREVENTION OF CANCER**
[54] **ANTICORPS MONOCLONAUX D'ADN CIBLANT PD-1 POUR LE TRAITEMENT ET LA PREVENTION DU CANCER**
[72] WEINER, DAVID B., US
[72] PERALES PUCHALT, ALFREDO, US
[71] THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY, US
[85] 2021-07-07
[86] 2020-01-13 (PCT/US2020/013286)
[87] (WO2020/146865)
[30] US (62/791,146) 2019-01-11

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[13] A1
[51] **Int.Cl. A61N 1/02 (2006.01) A61K 33/04 (2006.01) C01B 17/48 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL GASOTRANSMITTER GENERATING COMPOSITIONS AND BIMETALLIC CELLS FOR THE GENERATION OF GASOTRANSMITTERS**
[54] **COMPOSITIONS GENERATRICES DE GAZOTRANSMETTEURS ELECTROCHIMIQUES ET CELLULES BIMETALLIQUES POUR LA GENERATION DE GAZOTRANSMETTEURS**
[72] WILLEY, ALAN, US
[72] SAMUEL, STEVAN, US
[72] ADAMS, JACOB ROBERT, US
[71] NOXSANO INC., US
[85] 2021-07-07
[86] 2020-01-13 (PCT/US2020/013291)
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[13] A1
[51] **Int.Cl. A23G 3/54 (2006.01) A23G 3/42 (2006.01)**
[25] EN
[54] **FILLING COMPOSITION FOR A CONFECTIONERY PRODUCT**
[54] **COMPOSITION DE FOURRAGE POUR PRODUIT DE CONFISERIE**
[72] WANG, XIAOYING, US
[72] STAHL, JOHNATHAN, US
[72] BAKER, BRIAN, US
[72] WRIGHT, LINDA, US
[71] THE HERSHEY COMPANY, US
[85] 2021-07-07
[86] 2020-01-21 (PCT/US2020/014489)
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[51] **Int.Cl. A63G 7/00 (2006.01) A63G 31/16 (2006.01)**
[25] EN
[54] **RIDE VEHICLE WITH DIRECTIONAL SPEAKERS AND HAPTIC DEVICES**
[54] **VEHICULE DE MANEGE A HAUT-PARLEURS DIRECTIONNELS ET DISPOSITIFS HAPTIQUES**
[72] HALL, GREGORY S., US
[72] PICKERING, CORRIE, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2021-07-07
[86] 2020-01-13 (PCT/US2020/013292)
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[30] US (62/795,398) 2019-01-22
[30] US (16/366,642) 2019-03-27

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[51] **Int.Cl. A61M 5/158 (2006.01) B29C 48/03 (2019.01) B29C 48/30 (2019.01) A61B 5/15 (2006.01)**
[25] EN
[54] **CURVED NEEDLE AND CURVED CATHETER**
[54] **AIGUILLE INCURVEE ET CATHETER INCURVE**
[72] ISAACSON, S. RAY, US
[72] WEIMER, MARC, US
[72] FARINELLA, ANDREW C., US
[72] BURKHOLZ, JONATHAN KARL, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2021-07-07
[86] 2020-01-16 (PCT/US2020/013918)
[87] (WO2020/150498)
[30] US (62/794,431) 2019-01-18
[30] US (16/741,931) 2020-01-14

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[13] A1
[51] **Int.Cl. A61H 33/00 (2006.01) E04H 4/06 (2006.01) E04H 4/08 (2006.01) E04H 4/14 (2006.01) E05F 1/10 (2006.01)**
[25] EN
[54] **LIFT SYSTEM FOR A SPA COVER**
[54] **SYSTEME DE LEVAGE POUR COUVERCLE DE SPA**
[72] SPICER, WADE, US
[72] WOODS, CHARLES M., US
[71] STRONG INDUSTRIES, INC., US
[85] 2021-07-07
[86] 2020-01-28 (PCT/US2020/015297)
[87] (WO2020/159908)
[30] US (62/797,768) 2019-01-28

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[51] **Int.Cl. B60G 17/015 (2006.01) F16F 9/05 (2006.01) F16F 9/504 (2006.01)**
[25] EN
[54] **AXLE/SUSPENSION SYSTEM FOR HEAVY-DUTY VEHICLES**
[54] **SYSTEME D'ESSIEU/SUSPENSION POUR VEHICULES UTILITAIRES LOURDS**
[72] FULTON, R. SCOTT, US
[72] DELORENZIS, DAMON, US
[71] HENDRICKSON USA, L.L.C., US
[85] 2021-07-07
[86] 2020-02-03 (PCT/US2020/016316)
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[30] US (62/802,747) 2019-02-08

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[51] **Int.Cl. B64G 1/64 (2006.01)**
[25] EN
[54] **SPACECRAFT SERVICING DEVICES AND RELATED ASSEMBLIES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS D'ENTRETIEN D'ENGIN SPATIAL ET ENSEMBLES, SYSTEMES ET PROCEDES ASSOCIES**
[72] NICHOLSON, JAMES GARRET, US
[72] TREACHLER, DANIEL CARL, US
[72] ORTIZ, OLIVER BENJAMIN, US
[72] REAVILL, JAMES DULIN, US
[72] HEKMAN, BENJAMIN MICHAEL, US
[72] SULLIVAN, ROBERT BRYAN, US
[72] NIEDERSTRASSER, CARLOS GUILLERMO, US
[72] LIEBERBAUM, MARK, US
[72] GLOGOWSKI, MICHAEL JOSEPH, US
[72] LLORENS, WILLIAM A, US
[72] CHOW, KENNETH SIU-KIN, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[54] **MESOPOROUS SILICA PARTICLES COMPOSITIONS FOR VIRAL DELIVERY**
[54] **COMPOSITIONS DE PARTICULES DE SILICE MESOPOREUSE POUR ADMINISTRATION VIRALE**
[72] KOSHY, SANDEEP THARIAN, US
[72] CANHAM, STEPHEN M., US
[71] NOVARTIS AG, CH
[85] 2021-07-07
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[54] **SYSTEM AND METHOD FOR STATISTICS-BASED PATTERN SEARCHING OF COMPRESSED DATA AND ENCRYPTED DATA**
[54] **SYSTEME ET PROCEDE DE RECHERCHE DE MOTIF BASEE SUR DES STATISTIQUES DE DONNEES COMPRESSEES ET DE DONNEES CHIFFREES**
[72] DUPONT, NICOLAS THOMAS MATHIEU, US
[72] HELLE, ALEXANDRE, US
[72] CASH, GLENN LAWRENCE, US
[71] CYBORG INC., US
[85] 2021-07-07
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[54] **A HYDROGEN PEROXIDE DISINFECTANT COMPOSITION**
[54] **COMPOSITION DESINFECTANTE A BASE DE PEROXYDE D'HYDROGENE**
[72] BENTLEY, MARCUS ALLEN, US
[72] JIANG, XIAO, US
[72] GARRISON, MARK, US
[71] LONZA, LLC, US
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[54] **MULTI-FACTOR AUTHENTICATION PROVIDING A CREDENTIAL VIA A CONTACTLESS CARD FOR SECURE MESSAGING**
[54] **AUTHENTIFICATION MULTIFACTORIELLE FOURNISSANT UN JUSTIFICATIF D'IDENTITE PAR L'INTERMEDIAIRE D'UNE CARTE SANS CONTACT POUR MESSAGERIE SECURISEE**
[72] RULE, JEFFREY, US
[72] OSBORN, KEVIN, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2021-07-07
[86] 2020-11-24 (PCT/US2020/061960)
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[54] **REEL ASSEMBLY OF AN AGRICULTURAL HEADER**
[54] **ENSEMBLE RABATTEUR DE MOISSONNEUSE-BATTEUSE AGRICOLE**
[72] KEMMERER, BENJAMIN D., US
[72] NOLL, BLAINE R., US
[72] FARLEY, HERBERT M., US
[71] CNH INDUSTRIAL AMERICA LLC, US
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[54] **CATHETER DELIVERY DEVICE AND RELATED SYSTEMS AND METHODS**
[54] **DISPOSITIF D'ADMINISTRATION DE CATHETER ET SYSTEMES ET METHODES ASSOCIES**
[72] BURKHOLZ, JONATHAN KARL, US
[72] O'BRYAN, JEFFREY C., US
[72] BLANCHARD, DANIEL, US
[72] HOUSLEY, DANIEL, US
[72] STOUT, MARTY, US
[72] LINDEKUGEL, ERIC, US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2020-01-16 (PCT/US2020/013925)
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[25] EN
[54] **INTRAVENOUS THERAPY SELECTION SYSTEM**
[54] **SYSTEME DE SELECTION DE THERAPIE INTRAVEINEUSE**
[72] WILLYBIRO, KATHRYN, US
[72] TRAN, HUY, US
[72] WATTS, JACOB, US
[72] ROPER, BRIAN DOUGLAS, US
[72] MA, YIPING, US
[72] PETERSON, BART D., US
[72] SPATARO, JOSEPH, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **INTRAVENOUS DEVICE WITH INTEGRATED SENSORS**
[54] **DISPOSITIF INTRAVEINEUX A CAPTEURS INTEGRES**
[72] WILLYBIRO, KATHRYN, US
[72] BURKHOLZ, JONATHAN KARL, US
[72] SPATARO, JOSEPH, US
[72] MA, YIPING, US
[72] TRAN, HUY, US
[72] PETERSON, BART D., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2021-07-07
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[54] **ESCUTCHEON**
[54] **PLAQUE DE FINITION**
[72] FECHNER, LINDA, US
[72] O'NEIL, VIRGIL, US
[72] BOARDMAN, CLAYTON, US
[72] RYCROFT, ALEXANDER, US
[71] RELIANCE WORLDWIDE CORPORATION, US
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[54] **BLOOD COLLECTION SYSTEM INCLUDING A BAFFLE**
[54] **SYSTEME DE COLLECTE DE SANG COMPRENANT UN DEFLECTEUR**
[72] MA, YIPING, US
[72] SPATARO, JOSEPH, US
[72] TRAN, HUY, US
[72] WILLYBIRO, KATHRYN, US
[72] BURKHOLZ, JONATHAN KARL, US
[72] PETERSON, BART D., US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2020-01-16 (PCT/US2020/013902)
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[54] **SUBSTITUTED POLYCYCLIC CARBOXYLIC ACIDS, ANALOGUES THEREOF, AND METHODS USING SAME**
[54] **ACIDES CARBOXYLIQUES POLYCYCLIQUES SUBSTITUES, ANALOGUES DE CEUX-CI, ET PROCEDES FAISANT APPEL A CEUX-CI**
[72] CHEN, SHUAI, US
[72] COLE, ANDREW G., US
[72] DORSEY, BRUCE D., US
[72] FAN, YI, US
[72] GOTCHEV, DIMITAR B., US
[72] KAKARLA, RAMESH, US
[72] KIRK, SHARON MARIE, US
[72] QUINTERO, JORGE, US
[72] SOFIA, MICHAEL J., US
[71] ARBUTUS BIOPHARMA CORPORATION, CA
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[25] EN
[54] **THERAPEUTIC RNA AND ANTI-PD1 ANTIBODIES FOR ADVANCED STAGE SOLID TUMOR CANCERS**
[54] **ARN THERAPEUTIQUE ET ANTICORPS ANTI-PD1 POUR DES CANCERS A TUMEURS SOLIDES DE STADE AVANCE**
[72] WAGENAAR, TIMOTHY R., US
[72] MASCIARI, SERENA, US
[72] YORUK, SEMRA, US
[72] HSU, KARL, US
[72] ACQUAVELLA, NICOLAS, US
[72] BERNARDO, MARIE, US
[72] JABULOWSKY, ROBERT, DE
[72] SAHIN, UGUR, DE
[72] GIESEKE, FRIEDERIKE, DE
[72] JIRAKOVA TRNKOVA, ZUZANA, DE
[71] SANOFI, FR
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[54] **MULTIPURPOSE SAMPLING APPARATUS FOR CHEMICAL ANALYZER**
[54] **APPAREIL D'ECHANTILLONNAGE POLYVALENT POUR ANALYSEUR CHIMIQUE**
[72] LAI, HANH, US
[72] CHIOU, BRANDON, US
[71] VIKEN DETECTION CORPORATION, US
[85] 2021-07-07
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[51] **Int.Cl. B01D 65/08 (2006.01) B08B 17/02 (2006.01) B08B 17/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO INCREASE SURFACE FRICTION ACROSS A HYDROPHOBIC, ANTI-FOULING, AND OLEOPHOBIC COATED SUBSTRATE**
[54] **SYSTEME ET PROCEDE POUR AUGMENTER LE FROTTEMENT DE SURFACE A TRAVERS UN SUBSTRAT REVETU HYDROPHOBE, ANTI-SALISSURES, ET OLEOPHOBE**
[72] KESTER, NORMAN L., US
[72] GILIKISON, DANNY CHARLES, US
[72] POST, PHILLIP H., US
[72] VOIN, PETER, US
[72] GLARUM, JOHN B., US
[71] QUANTUM INNOVATIONS, INC., US
[85] 2021-07-07
[86] 2020-01-15 (PCT/US2020/013586)
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[25] EN
[54] **ANTI-IL2 RECEPTOR GAMMA ANTIGEN-BINDING PROTEINS**
[54] **PROTEINES DE LIAISON A L'ANTIGENE GAMMA DU RECEPTEUR ANTI-IL2**
[72] ORENGO, JAMIE M., US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
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[51] **Int.Cl. A46B 11/00 (2006.01) A45D 34/04 (2006.01) B65D 51/32 (2006.01)**
[25] EN
[54] **AN APPLICATOR**
[54] **APPLICATEUR**
[72] ATTENBOROUGH, LIAM, AU
[71] ATTENBOROUGH, LIAM, AU
[85] 2021-07-08
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[25] EN
[54] **A REAL-TIME DIGITAL DEVICE USER INTERACTION CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'INTERACTION D'UTILISATEUR DE DISPOSITIF NUMERIQUE EN TEMPS REEL**
[72] GEERDINK, ROBERT, AU
[71] GEERDINK, ROBERT, AU
[85] 2021-07-08
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[54] **DISTRIBUTED GOVERNANCE FOR SHARING OF BIG DATA**
[54] **GOUVERNANCE DISTRIBUEE POUR LE PARTAGE DE MEGADONNEES**
[72] LITOIU, MARIN, CA
[72] SHTERN, MARK, CA
[71] BITNOBI INC., CA
[85] 2021-07-09
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[54] **AUTOMATIC AERIAL SHIPPING SYSTEM**
[54] **SYSTEME D'EXPEDITION AERIEN AUTOMATIQUE**
[72] BENNER, JOSUA, DE
[71] ARROWTEC GMBH, DE
[85] 2021-07-08
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[51] **Int.Cl. E06B 3/663 (2006.01) C08L 23/22 (2006.01) C09J 123/22 (2006.01) E06B 3/673 (2006.01)**
[25] EN
[54] **HOT MELT SINGLE-COMPONENT PRIMARY SEALANT**
[54] **PRODUIT D'ETANCHEITE PRIMAIRE A COMPOSANT UNIQUE THERMOFUSIBLE**
[72] MCCREADY, PEADAR, GB
[72] DRUZDZ, SYLWIA, GB
[72] THOMAS, MATTHEW, GB
[72] KING, MICHAEL, GB
[71] BOSTIK SA, FR
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[54] **GRINDER**
[54] **BROYEUR**
[72] REYES, GUSTAVO, US
[72] DELGADO-LAGO, ESTHER, US
[71] G&E INNOVATIONS, INC., US
[85] 2021-07-08
[86] 2019-01-24 (PCT/US2019/014964)
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[51] **Int.Cl. B41J 2/14 (2006.01)**
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[54] **FLUID EJECTION DEVICES INCLUDING CONTACT PADS**
[54] **DISPOSITIFS D'EJECTION DE FLUIDE COMPRENANT DES PLOTS DE CONTACT**
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A., US
[72] CUMBIE, MICHAEL W., US
[72] FULLER, ANTHONY M., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **ACCESSING REGISTERS OF FLUID EJECTION DEVICES**
[54] **ACCES AUX REGISTRES DE DISPOSITIFS D'EJECTION DE FLUIDE**
[72] LINN, SCOTT A., US
[72] GARDNER, JAMES MICHAEL, US
[72] CUMBIE, MICHAEL W., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TIM-3 ANTIBODIES AND COMBINATIONS WITH OTHER CHECKPOINT INHIBITORS FOR THE TREATMENT OF CANCER**
[54] **ANTICORPS DE TIM-3 ET COMBINAISONS AVEC D'AUTRES INHIBITEURS DE POINTS DE CONTROLE POUR LE TRAITEMENT DU CANCER**
[72] KONERU, MYTHILI, US
[72] VELEZ DE MENDIZABAL CASTILLO, MARIA DE LAS NIEVES, US
[71] ELI LILLY AND COMPANY, US
[85] 2021-07-08
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[54] **SECURE CLOUD COMPUTING**
[54] **INFORMATIQUE EN NUAGE SECURISEE**
[72] HUANG, FENG, US
[72] COOPER, ANDY, US
[71] CITRIX SYSTEMS, INC., US
[85] 2021-07-08
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[54] **EYE MOUNTED DEVICE FOR THERAPEUTIC AGENT RELEASE**
[54] **DISPOSITIF MONTE SUR L'□IL POUR LA LIBERATION D'AGENT THERAPEUTIQUE**
[72] GUTIERREZ, CHRISTIAN, US
[71] TWENTY TWENTY THERAPEUTICS LLC, US
[85] 2021-07-08
[86] 2020-01-07 (PCT/US2020/012552)
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[25] EN
[54] **A METHOD OF EXTRACTING ONE OR MORE CHEMICAL EXTRACTS FROM A PLANT PRODUCT**
[54] **PROCEDE D'EXTRACTION D'UN OU DE PLUSIEURS EXTRAITS CHIMIQUES A PARTIR D'UN PRODUIT VEGETAL**
[72] GILDRIEN, JEREMY, US
[72] JACKSON, ANDREW, US
[71] GILDRIEN FARM. LLC, US
[85] 2021-07-08
[86] 2020-01-07 (PCT/US2020/012445)
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[54] **METHODS OF JET MILLING AND SYSTEMS**
[54] **PROCEDES DE BROYAGE PAR JET ET SYSTEMES**
[72] TROIANO, RICHARD, US
[72] RALEIGH, CLIFF, US
[72] BADAC, JEFFREY, US
[71] CTL ENERGY INC., US
[85] 2021-07-08
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[30] US (62/790,297) 2019-01-09

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[51] **Int.Cl. B65G 1/137 (2006.01) B07C 5/34 (2006.01) B65G 47/74 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SEPARATING OBJECTS USING VACUUM DIVERTS WITH ONE OR MORE OBJECT PROCESSING SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE SEPARATION D'OBJETS A L'AIDE DE DEVIATION SOUS VIDE AVEC UN OU PLUSIEURS SYSTEMES DE TRAITEMENT D'OBJETS**
[72] WAGNER, THOMAS, US
[72] MASON, MATTHEW T., US
[72] GEYER, CHRISTOPHER, US
[72] AMEND, JOHN RICHARD, JR., US
[72] MARONEY, KYLE, US
[72] ROMANO, JOSEPH, US
[72] HINCHEY, VICTORIA, US
[72] KITTREDGE, JEFFREY, US
[72] GAUTHIER, ANDREW, US
[72] KUMAR, LAKSHMAN, US
[72] VELAGAPUDI, PRASANNA, US
[71] BERKSHIRE GREY, INC., US
[85] 2021-07-08
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[30] US (62/789,775) 2019-01-08
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[25] EN
[54] **A SYSTEM AND METHOD FOR OPTIMIZING PHYSICAL CHARACTERISTICS OF AN ELECTROMAGNETIC DEVICE**
[54] **SYSTEME ET PROCEDE POUR OPTIMISER LES CARACTERISTIQUES PHYSIQUES D'UN DISPOSITIF ELECTROMAGNETIQUE**
[72] LU, JESSE, US
[72] SCHUBERT, MARTIN, US
[72] ADOLF, BRIAN, US
[71] X DEVELOPMENT LLC, US
[85] 2021-07-08
[86] 2020-01-08 (PCT/US2020/012780)
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[30] US (16/244,846) 2019-01-10

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[54] **FLEXIBLE DETECTION SYSTEMS**
[54] **SYSTEMES DE DETECTION FLEXIBLES**
[72] KENNEDY-DARLING, JULIA, US
[72] KIM, JOSEPH, US
[72] DAKSHINAMOORTHY, GAJALAKSHMI, US
[72] MCKELLIGON, BRIAN, US
[71] AYOYA BIOSCIENCES, INC., US
[85] 2021-07-08
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[30] US (62/789,935) 2019-01-08

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[54] **DOT1L DEGRADERS AND USES THEREOF**
[54] **AGENTS DE DEGRADATION DE DOT1L ET UTILISATIONS ASSOCIEES**
[72] ARMSTRONG, SCOTT, US
[72] QI, JUN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2021-07-08
[86] 2020-01-09 (PCT/US2020/012825)
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[30] US (62/790,314) 2019-01-09

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[54] **SYSTEM AND METHOD FOR REGISTRATION BETWEEN COORDINATE SYSTEMS AND NAVIGATION**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT ENTRE SYSTEMES DE COORDONNEES ET NAVIGATION**
[72] SNYDER, VICTOR D., US
[72] DICORLETO, MATTHEW F., US
[72] MOCTEZUMA, JOSEPH, US
[72] MACHT, DAVID E., US
[72] BEERS, JEREMIAH R., US
[72] PUCKETT, KATHERINE M., US
[72] DARLING, KATHARINE E., US
[72] KLEYMAN, LEONID, IL
[72] JUNIO, DANY, IL
[72] GAZIT-ANKORI, DANA, IL
[72] ZEHAVI, ELIYAHU, IL
[72] RATZABI, ELAD, IL
[72] ELLMAN, AVIV, IL
[72] CONKIN, TIMOTHY M., US
[71] MEDTRONIC NAVIGATION, INC., US
[85] 2021-07-08
[86] 2020-01-09 (PCT/US2020/012958)
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[30] US (16/244,330) 2019-01-10

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[54] **PI4-KINASE INHIBITORS WITH ANTI-CANCER ACTIVITY**
[54] **INHIBITEURS DE LA PI4-KINASE PRESENTANT UNE ACTIVITE ANTI-CANCEREUSE**
[72] GLENN, JEFFREY S., US
[72] SMITH, MARK, US
[72] PHAM, EDWARD, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2021-07-08
[86] 2020-01-09 (PCT/US2020/012965)
[87] (WO2020/146657)
[30] US (62/791,301) 2019-01-11
[30] US (62/821,853) 2019-03-21

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[54] **TABLE**
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[72] JOHNSON, MITCH, US
[72] BOYDSTON, KEVIN, US
[71] LIFETIME PRODUCTS, INC., US
[85] 2021-07-08
[86] 2020-01-09 (PCT/US2020/012979)
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[30] US (16/243,993) 2019-01-09

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[25] EN
[54] **PORTABLE BEAUTY TOOL ASSEMBLY**
[54] **ENSEMBLE OUTIL DE BEAUTE PORTATIF**
[72] MEGESI, DOMINIQUE, US
[71] VANGO, LLC, US
[85] 2021-07-08
[86] 2020-01-09 (PCT/US2020/012998)
[87] (WO2020/146686)
[30] US (62/790,382) 2019-01-09

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[25] EN
[54] **IDENTIFYING CANCER THERAPIES**
[54] **IDENTIFICATION DE CANCEROTHERAPIES**
[72] OLCUM, SELIM, US
[72] KIMMERLING, ROB, US
[72] REID, CLIFFORD, US
[72] STEVENS, MARK, US
[71] TRAVERA LLC, US
[85] 2021-07-08
[86] 2020-01-10 (PCT/US2020/013078)
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[30] US (62/790,735) 2019-01-10

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[51] **Int.Cl. A61K 39/00 (2006.01) C12Q 1/68 (2018.01) G01N 33/48 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **MACHINE LEARNING IN FUNCTIONAL CANCER ASSAYS**
[54] **APPRENTISSAGE AUTOMATIQUE DANS DES DOSAGES DE CANCERS FONCTIONNELS**
[72] OLCUM, SELIM, US
[72] KIMMERLING, ROB, US
[72] REID, CLIFFORD, US
[72] STEVENS, MARK, US
[71] TRAVERA LLC, US
[85] 2021-07-08
[86] 2020-01-10 (PCT/US2020/013089)
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[30] US (62/790,804) 2019-01-10

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[54] **CALIBRATION OF A FUNCTIONAL BIOMARKER INSTRUMENT**
[54] **ETALONNAGE D'UN INSTRUMENT DE BIOMARQUEUR FONCTIONNEL**
[72] OLCUM, SELIM, US
[72] KIMMERLING, ROB, US
[72] MINNAH, ANTHONY, US
[72] STEVENS, MARK, US
[72] VACHA, MADELEINE, US
[71] TRAVERA LLC, US
[85] 2021-07-08
[86] 2020-01-10 (PCT/US2020/013096)
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[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR INTERNET OF THINGS INTEGRATED AUTOMATION AND CONTROL ARCHITECTURES**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES ASSOCIES A DES ARCHITECTURES D'AUTOMATISATION ET DE COMMANDE INTEGREES DE L'INTERNET DES OBJETS**
[72] LOMBARDI, VINCENZO, US
[72] PETRUCCI, FRANCO, US
[71] METAFYRE INC., US
[85] 2021-07-08
[86] 2020-01-10 (PCT/US2020/013111)
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[54] **PHARMACEUTICAL DELIVERY COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS D'ADMINISTRATION DE PRODUITS PHARMACEUTIQUES ET UTILISATIONS CORRESPONDANTES**
[72] BUZZI, MARCELO, US
[71] INNOVACORIUM, INC., US
[85] 2021-07-08
[86] 2020-01-10 (PCT/US2020/013118)
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[51] **Int.Cl. H04L 5/00 (2006.01) H04W 4/06 (2009.01) H04W 72/00 (2009.01) H04W 72/04 (2009.01)**
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[54] **SYSTEMS AND METHODS FOR BROADBAND WIRELESS COMMUNICATION FOR MISSION CRITICAL INTERNET OF THINGS (IOT)**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION SANS FIL A LARGE BANDE POUR L'INTERNET DES OBJETS (IDO) DE MISSIONS CRITIQUES**
[72] SHAHAR, MENASHE, US
[71] ONDAS NETWORKS INC., US
[85] 2021-07-08
[86] 2020-01-10 (PCT/US2020/013179)
[87] (WO2020/146793)
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[54] **MOLECULAR COATINGS AND METHODS OF MAKING AND USING THE SAME**
[54] **REVETEMENTS MOLECULAIRES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] DOUSSET, JEAN, US
[72] MCMAHON, HEIDI RENATE, US
[72] HOHMAN, JAMES NATHAN, US
[72] KIM, MOONHEE, US
[71] GLISTEN LLC, US
[85] 2021-07-08
[86] 2020-01-10 (PCT/US2020/013200)
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[54] **MULTIMERIZATION OF IL-15/IL-15R-ALPHA-FC COMPLEXES TO ENHANCE IMMUNOTHERAPY**
[54] **MULTIMERISATION DE COMPLEXES IL-15/IL-15R-ALPHA-FC POUR AMELIORER UNE IMMUNOTHERAPIE**
[72] CHEUNG, NAI-KONG V., US
[72] XU, HONG, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2021-07-08
[86] 2020-01-10 (PCT/US2020/013232)
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[30] US (62/791,678) 2019-01-11

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[51] **Int.Cl. A61K 35/33 (2015.01) C12N 5/00 (2006.01)**
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[54] **FIBROBLAST REGENERATIVE CELLS**
[54] **CELLULES FIBROBLASTES REGENERATRICES**
[72] O'HEERON, PETE, US
[72] ICHIM, THOMAS, US
[71] FIGENE, LLC, US
[85] 2021-07-08
[86] 2020-01-13 (PCT/US2020/013315)
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[30] US (62/791,207) 2019-01-11

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[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01) A61N 1/372 (2006.01)**
[25] EN
[54] **SPINAL CORD STIMULATION FOR DORSAL COLUMN RECRUITMENT OR SUPPRESSION USING ANODIC AND CATHODIC PULSES**
[54] **STIMULATION MEDULLAIRE POUR LE RECRUTEMENT OU LA SUPPRESSION DE LA COLONNE VERTEBRALE A L'AIDE D'IMPULSIONS ANODIQUES ET CATHODIQUES**
[72] ZHANG, TIANHE, US
[72] MOFFITT, MICHAEL A., US
[72] DOAN, QUE T, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2021-07-08
[86] 2020-01-13 (PCT/US2020/013328)
[87] (WO2020/163041)
[30] US (62/803,330) 2019-02-08
[30] US (62/849,642) 2019-05-17
[30] US (16/460,640) 2019-07-02
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[30] US (16/657,560) 2019-10-18
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[25] EN
[54] **CD200AR LIGANDS FOR CANCER IMMUNOTHERAPY**
[54] **LIGANDS CD200AR POUR IMMUNOTHERAPIE ANTICANCEREUSE**
[72] OLIN, MICHAEL, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2021-07-08
[86] 2020-01-13 (PCT/US2020/013349)
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[30] US (62/792,311) 2019-01-14

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR MITIGATING WATER PRODUCTION**
[54] **METHODES ET COMPOSITIONS PERMETTANT D'ATTENUER LA PRODUCTION D'EAU**
[72] LI, LEIMING, US
[72] SAINI, RAJESH KUMAR, US
[72] LIANG, FENG, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2021-07-08
[86] 2020-01-13 (PCT/US2020/013357)
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[51] **Int.Cl. C09K 8/508 (2006.01) C09K 8/60 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR CONTROLLING EXCESS WATER PRODUCTION**
[54] **PROCEDES ET COMPOSITIONS POUR REGULER LA PRODUCTION D'EAU EN EXCES**
[72] SAINI, RAJESH KUMAR, US
[72] LI, LEIMING, US
[72] RIMASSA, SHAWN, US
[72] CAIRNS, AMY, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2021-07-08
[86] 2020-01-13 (PCT/US2020/013360)
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[54] **APPARATUS AND METHOD FOR MONITORING VALVE EXPANSION**
[54] **APPAREIL ET PROCEDE POUR SURVEILLER L'EXPANSION D'UNE VALVULE**
[72] SCHWARCZ, ELAZAR LEVI, IL
[72] COHEN, OREN, IL
[72] WITZMAN, OFIR, IL
[72] NEUMANN, YAIR A., IL
[72] MILLER, NOAM, IL
[72] YOHANAN, ZIV, IL
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2021-07-08
[86] 2020-01-14 (PCT/US2020/013429)
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[25] EN
[54] **SYSTEMS AND METHODS FOR SEPARATING OBJECTS USING CONVEYOR TRANSFER WITH ONE OR MORE OBJECT PROCESSING SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR SEPARER DES OBJETS A L'AIDE D'UN TRANSFERT DE TRANSPORTEUR AU MOYEN D'UN OU PLUSIEURS SYSTEMES DE TRAITEMENT D'OBJETS**
[72] WAGNER, THOMAS, US
[72] MASON, MATTHEW T., US
[72] GEYER, CHRISTOPHER, US
[72] AMEND, JOHN RICHARD, JR., US
[72] MARONEY, KYLE, US
[72] ROMANO, JOSEPH, US
[72] HINCHEY, VICTORIA, US
[72] KITTREDGE, JEFFREY, US
[72] GAUTHIER, ANDREW, US
[72] KUMAR, LAKSHMAN, US
[72] VELAGAPUDI, PRASANNA, US
[71] BERKSHIRE GREY, INC., US
[85] 2021-07-08
[86] 2020-01-08 (PCT/US2020/012720)
[87] (WO2020/146487)
[30] US (62/789,775) 2019-01-08
[30] US (62/884,351) 2019-08-08
[30] US (16/543,105) 2019-08-16
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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01) G06Q 50/28 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SEPARATING OBJECTS USING DROP CONVEYORS WITH ONE OR MORE OBJECT PROCESSING SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE SEPARATION D'OBJETS A L'AIDE DE TRANSPORTEURS DE CHUTE COMPRENANT UN OU PLUSIEURS SYSTEMES DE TRAITEMENT D'OBJETS**
[72] WAGNER, THOMAS, US
[72] MASON, MATTHEW T., US
[72] GEYER, CHRISTOPHER, US
[72] AMEND, JOHN RICHARD, JR., US
[72] MARONEY, KYLE, US
[72] ROMANO, JOSEPH, US
[72] HINCHEY, VICTORIA, US
[72] KITTREDGE, JEFFREY, US
[72] GAUTHIER, ANDREW, US
[72] KUMAR, LAKSHMAN, US
[72] VELAGAPUDI, PRASANNA, US
[71] BERKSHIRE GREY, INC., US
[85] 2021-07-08
[86] 2020-01-08 (PCT/US2020/012744)
[87] (WO2020/146503)
[30] US (62/789,775) 2019-01-08
[30] US (62/884,351) 2019-08-08
[30] US (16/543,105) 2019-08-16
[30] US (16/661,820) 2019-10-23

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[51] **Int.Cl. C07C 271/24 (2006.01) C07C 235/00 (2006.01) C07D 207/08 (2006.01) C07D 221/00 (2006.01) A61K 31/325 (2006.01) A61P 23/00 (2006.01) A61P 25/04 (2006.01)**
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[54] **KETAMINE DERIVATIVES AND COMPOSITIONS THEREOF**
[54] **DERIVES DE KETAMINE ET LEURS COMPOSITIONS**
[72] XIANG, JIA-NING, CN
[72] XU, XUESONG, CN
[72] SHIH, HAO-WEI, CN
[72] ENG, WAI-SI, CN
[71] XW LABORATORIES INC., KY
[85] 2021-07-07
[86] 2019-07-08 (PCT/CN2019/095144)
[87] (WO2020/143198)
[30] CN (PCT/CN2019/070912) 2019-01-08

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[51] **Int.Cl. A61K 31/506 (2006.01) A61P 35/02 (2006.01)**
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[54] **METHOD FOR TREATING AN ACUTE MYELOID LEUKEMIA**
[54] **METHODE DE TRAITEMENT D'UNE LEUCEMIE AIGUE MYELOIDE**
[72] WEETALL, MARIA L, US
[72] DESHPANDE, ANIRUDDHA JAYANT, US
[72] BARBOSA GUERRA, KARINA OFELIA, US
[71] PTC THERAPEUTICS, INC., US
[71] SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE, US
[85] 2021-07-07
[86] 2020-01-15 (PCT/US2020/013645)
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[30] US (62/792,502) 2019-01-15

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[51] **Int.Cl. G01N 33/58 (2006.01)**
[25] EN
[54] **SUBSTRATE FOR ENHANCING CHEMILUMINESCENCE**
[54] **SUBSTRAT POUR ACCENTUER LA CHIMILUMINESCENCE**
[72] MISSBICHLER, ALBERT, AT
[72] HAWA, GERHARD, AT
[71] FIANOSTICS GMBH, AT
[85] 2021-07-08
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[13] A1
[51] **Int.Cl. E04H 15/48 (2006.01) E04H 15/44 (2006.01)**
[25] EN
[54] **RAPIDLY DEPLOYABLE MODULAR SHELTER SYSTEM**
[54] **SYSTEME D'ABRIS MODULAIRE A DEPLOIEMENT RAPIDE**
[72] JOHNSON, BRIAN D., CA
[72] SAVENKOFF, RYAN DOUGLAS, CA
[72] CHRISTENSEN, MATT, CA
[72] BENNETT, JEAN-MARC, CA
[71] WEATHERHAVEN GLOBAL RESOURCES LTD., CA
[85] 2021-07-08
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[51] **Int.Cl. G08G 1/09 (2006.01) H01R 12/72 (2011.01) H05K 5/02 (2006.01)**
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[54] **ELECTRICAL CABINETS AND METHODS USING SAME**
[54] **ARMOIRES ELECTRIQUES ET PROCEDES LES UTILISANT**
[72] FOURNIER, SERGE, CA
[71] LOGISIG INC., CA
[85] 2021-07-08
[86] 2019-12-20 (PCT/CA2019/051874)
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[25] EN
[54] **SYSTEMS AND METHODS FOR VOLTAMMETRIC DETECTION**
[54] **SYSTEMES ET PROCEDES DE DETECTION VOLTAMPEROMETRIQUE**
[72] MINTCHEV, PAUL, CA
[72] CHEN, CHENG, CA
[72] OBERDING, LISA, CA
[72] MAYALL, ROBERT, CA
[72] MCDONALD, MHAIRI, CA
[72] HICKS, EMILY, CA
[72] SILVER, DYLAN, CA
[72] WARRINGTON, TIMOTHY, CA
[71] FREDSENSE TECHNOLOGIES CORP., CA
[85] 2021-07-08
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[54] **SYSTEME DE COMMANDE DE SUIVI**
[72] TSENG, PAI YU, CN
[72] JIANG, YI-CHENG, CN
[71] SHEN LUN TECHNOLOGY LIMITED COMPANY, CN
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[54] **CLUTCH DEVICE, DRILL CHUCK, POWER TOOL, AND BIDIRECTIONAL ROTATION METHOD OF DRILL CHUCK**
[54] **DISPOSITIF D'EMBRAYAGE, MANDRIN DE PERCAGE, OUTIL ELECTRIQUE ET PROCEDE DE ROTATION BIDIRECTIONNELLE DE MANDRIN DE PERCAGE**
[72] LIU, YAOTING, CN
[71] LIU, YAOTING, CN
[85] 2021-07-08
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[25] EN
[54] **METHOD, DEVICE, AND APPARATUS FOR CONTROLLING MOPPING ROBOT, AND STORAGE MEDIUM**
[54] **PROCEDE, DISPOSITIF ET APPAREIL PERMETTANT DE COMMANDER UN ROBOT LAVEUR ET SUPPORT DE STOCKAGE**
[72] WU, YIHAO, CN
[72] WU, ZHUORUI, CN
[72] ZHANG, YUPENG, CN
[71] YUNJING INTELLIGENCE TECHNOLOGY (DONGGUAN) CO., LTD., CN
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[54] **LOW-FIELD NUCLEAR MAGNETIC RESONANCE-BASED DEVICE AND METHOD FOR INTELLIGENT DETECTION OF MICROWAVE-DRIED SPICY VEGETABLE FLAVOR**
[54] **DISPOSITIF A BASE DE MAGNETISME NUCLEAIRE A FAIBLE CHAMP ET PROCEDE DE DETECTION INTELLIGENTE D'AROME VEGETAL EPICE, SECHE PAR MICRO-ONDES**
[72] ZHANG, MIN, CN
[72] SUN, YANAN, CN
[72] CHEN, HUIZHI, CN
[72] YANG, PEIQIANG, CN
[71] JIANGNAN UNIVERSITY, CN
[85] 2021-07-08
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[54] **CHILD PLAY ENCLOSURE FRAME**
[54] **CADRE D'ENCEINTE DE JEU POUR ENFANT**
[72] TAN, YEPENG, CN
[71] ASPIRE KUNSHAN, LIMITED, CN
[85] 2021-07-08
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[54] **DEBLOCKING FILTER FOR SUB-PARTITION BOUNDARIES CAUSED BY INTRA SUB-PARTITION CODING TOOL**
[54] **FILTRE DE DEBLOCAGE POUR DES LIMITES DE SOUS-PARTITION PROVOQUEES PAR UN OUTIL DE CODAGE INTRA-SOUS-PARTITION**
[72] WANG, BIAO, DE
[72] KOTRA, ANAND MEHER, DE
[72] ESENLIK, SEMIH, DE
[72] GAO, HAN, DE
[72] CHEN, JIANLE, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SESSION MANAGEMENT METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE GESTION DE SESSION**
[72] ZHU, HUALIN, CN
[72] LI, HUAN, CN
[72] JIN, WEISHENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CRYSTAL FORM OF 1,2,3-TRIAZOLO[1,5-A]PYRAZINES DERIVATIVE AND PREPARATION METHOD FOR CRYSTAL FORM**
[54] **FORME CRISTALLINE DE DERIVE DE 1,2,3-TRIAZOLO[1,5-A]PYRAZINES ET SON PROCEDE DE PREPARATION**
[72] HAN, LONG, CN
[72] SHAO, QIYUN, CN
[72] FENG, JUN, CN
[72] HE, FENG, CN
[72] MA, YAHUI, CN
[72] ZHAO, MIAOMIAO, CN
[72] DU, ZHENXING, CN
[72] WANG, JIE, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
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[25] EN
[54] **PYRROLOPYRIMIDINE DERIVATIVE AND USE THEREOF**
[54] **DERIVE DE PYRROLOPYRIMIDINE ET SON UTILISATION**
[72] ZHANG, XUEJUN, CN
[72] YE, DABING, CN
[72] LI, LIE, CN
[72] SHEN, JIE, CN
[72] DING, XIAOHUA, CN
[72] SUN, HONGNA, CN
[72] LIU, ZHE, CN
[72] ZANG, YANG, CN
[72] WEI, YONGGANG, CN
[71] WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY, AF
[85] 2021-07-08
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[25] EN
[54] **GRINDING DISC AND USE OF SUCH A GRINDING DISC**
[54] **DISQUE ABRASIF ET UTILISATION D'UN TEL DISQUE ABRASIF**
[72] GEHRMANN, STEFAN, DE
[72] HENN, FRANK, DE
[72] SCHMITZ, ACHIM, DE
[72] SCHUMACHER, FABIAN, DE
[71] AUGUST RUGGEBERG GMBH & CO. KG, DE
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[25] EN
[54] **VASCULAR IMPLANT WITH ANCHOR MEMBER**
[54] **IMPLANT VASCULAIRE AVEC ELEMENT D'ANCRAGE**
[72] MORGAN, ROSS, DE
[72] GROSSHAUSER, JOHANNES, DE
[71] OCCLUTECH HOLDING AG, CH
[85] 2021-07-08
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[54] **SINGLE-SHOT COMPRESSED OPTICAL-STREAKING ULTRA-HIGH-SPEED PHOTOGRAPHY METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE PHOTOGRAPHIE ULTRARAPIDE A STRIES OPTIQUES COMPRESSEES AVEC PRISE DE VUE UNIQUE**
[72] LIANG, JINYANG, CA
[72] LIU, XIANGLEI, CA
[72] VETRONE, FIORENZO, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
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[54] **TRANSCEIVER DEVICE AND SCHEDULING DEVICE**
[54] **DISPOSITIF EMETTEUR-RECEPTEUR ET DISPOSITIF DE PLANIFICATION**
[72] KUANG, QUAN, DE
[72] SUZUKI, HIDETOSHI, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[86] 2019-12-04 (PCT/EP2019/083677)
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[51] **Int.Cl. A47J 47/06 (2006.01) B65D 43/02 (2006.01)**
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[54] **FRESHNESS RETAINING NEGATIVE-PRESSURE CONTAINER FOR FOOD**
[54] **CONTENANT SOUS VIDE DE CONSERVATION DE FRAICHEUR POUR ALIMENTS**
[72] DINKHELLER, SIMON, DE
[71] ZWILLING J.A. HENCKELS AG, DE
[85] 2021-07-08
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[54] **USER EQUIPMENT INVOLVED IN POWER SAVING**
[54] **EQUIPEMENT UTILISATEUR IMPLIQUE DANS L'ECONOMIE D'ENERGIE**
[72] LI, HONGCHAO, DE
[72] SUZUKI, HIDETOSHI, JP
[72] KUANG, QUAN, DE
[72] BHAMRI, ANKIT, DE
[72] LI, YIHUI, SG
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[54] **DOWNHOLE METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE FOND DE TROU**
[72] LOUDEN, ANDREW, GB
[72] LOWRY, WILLIAM EDWARD, US
[71] ISOL8 (HOLDINGS) LIMITED, GB
[85] 2021-07-08
[86] 2020-01-10 (PCT/EP2020/025006)
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[54] **RECOMBINANT HOST CELLS WITH IMPROVED PRODUCTION OF L-DOPA, DOPAMINE, (S)-NORCOCLAURINE OR DERIVATIVES THEREOF.**
[54] **CELLULES HOTES RECOMBINEES PRESENTANT UNE PRODUCTION AMELIOREE DE L-DOPA, DE DOPAMINE, DE (S)-NORCOCLAURINE OU DE LEURS DERIVES**
[72] HANSEN, ESBEN HALKJAER, DK
[72] HOUGHTON-LARSEN, JENS, DK
[71] RIVER STONE BIOTECH APS, DK
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[86] 2020-01-10 (PCT/EP2020/050610)
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[51] **Int.Cl. B65D 5/38 (2006.01) B65D 85/10 (2006.01)**
[25] EN
[54] **PACKAGING, ENVELOPE FOR A PACKAGING AND BLANK FOR PRODUCING AN ENVELOPE**
[54] **EMBALLAGE, ENVELOPPE POUR UN EMBALLAGE ET DECOUPE POUR FORMER UNE ENVELOPPE**
[72] VORENKAMP, HARMAN, DE
[72] THEIS, UWE, DE
[71] MAYR-MELNHOF KARTON AG, AT
[85] 2021-07-08
[86] 2020-01-09 (PCT/EP2020/050418)
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[30] DE (20 2019 100 115.1) 2019-01-10
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[25] EN
[54] **FILTER MEDIUM FOR ENGINE AIR FILTER**
[54] **MATERIAU FILTRANT POUR FILTRE A AIR DE MOTEUR**
[72] GEISBERGER, GEORG, DE
[72] DEMMEL, ANDREAS, DE
[71] NEENAH GESSNER GMBH, DE
[85] 2021-07-08
[86] 2020-01-10 (PCT/EP2020/050562)
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[54] **ELECTRIC BATTERY ASSEMBLIES**
[54] **ENSEMBLES BATTERIE ELECTRIQUE**
[72] CUNNINGHAM, STUART, GB
[72] LEWORTHY, JOSH, GB
[72] MAIR, STUART, GB
[72] SYLVESTER, JOEL, GB
[71] DUKOSI LIMITED, GB
[85] 2021-07-08
[86] 2020-01-13 (PCT/EP2020/050734)
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[54] **HYDROCYCLONE**
[72] SCHMIDT, MARK, CA
[72] CEPEDA, EDUARDO, CL
[72] LAGOS, JORGE, CL
[71] VULCO S.A., CL
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[54] **PURIFICATION OF ACTINIUM**
[54] **PURIFICATION D'ACTINIUM**
[72] MAERTENS, DOMINIC, BE
[72] VAN HECKE, KAREN, BE
[72] CARDINAELS, THOMAS, BE
[71] SCK.CEN, BE
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[86] 2020-01-15 (PCT/EP2020/050879)
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[25] EN
[54] **AGENTS AND METHODS FOR INCREASING STEM CELL FUNCTION**
[54] **AGENTS ET PROCEDES POUR AUGMENTER LA FONCTION DE CELLULES SOUCHES**
[72] GIROTRA, MUKUL, CH
[72] VANNINI, NICOLA, CH
[72] COUKOS, GEORGE, CH
[72] REZZI, SERGE ANDRE DOMINIQUE, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH LTD, CH
[85] 2021-07-08
[86] 2020-01-17 (PCT/EP2020/051173)
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[51] **Int.Cl. D21H 27/10 (2006.01) B65D 65/40 (2006.01) B65D 65/42 (2006.01) D21H 19/28 (2006.01)**
[25] EN
[54] **BIODEGRADABLE CONTAINER AND PLATE MATERIAL AND METHOD FOR THE MANUFACTURE THEREOF**
[54] **MATERIAU DE CONTENANT ET DE PLAQUE BIODEGRADABLE ET PROCEDE POUR SA FABRICATION**
[72] ALBERTS, ALBERT HENDERIKUS, NL
[72] THYS, FERRY LUDOVICUS, BE
[72] BAKKER, WRIDZER JAN WILLEM, NL
[71] PLANTICS B.V., NL
[85] 2021-07-08
[86] 2020-01-20 (PCT/EP2020/051238)
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[51] **Int.Cl. E21D 9/00 (2006.01) G06F 30/00 (2020.01) E21B 7/02 (2006.01) F42D 1/055 (2006.01) F42D 3/04 (2006.01)**
[25] EN
[54] **APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT FOR DESIGNING BLASTING ORDER**
[54] **APPAREIL, PROCEDE ET PRODUIT-PROGRAMME INFORMATIQUE PERMETTANT LA CONCEPTION D'UN ORDRE DE DYNAMITAGE**
[72] MUONA, JOUKO, FI
[72] MYLLYLA, JUHA-MATTI, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2021-07-08
[86] 2020-01-21 (PCT/EP2020/051341)
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[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANOMALY DETECTION IN SELF-CHECKOUT RETAIL ENVIRONMENTS**
[54] **PROCEDE ET APPAREIL DE DETECTION D'ANOMALIES DANS DES ENVIRONNEMENTS DE VENTE AU DETAIL AVEC CAISSES EN LIBRE SERVICE**
[72] CIPRIAN PETRU, DAVID, IE
[72] ALEXANDRU PESCARU, DAN, IE
[72] GUI, VASILE, IE
[72] CERNAZANU-GLAVAN, COSMIN, IE
[72] PRICOCHI, ANDREI, IE
[72] PARVU, OVIDIU, IE
[72] CIUBOTARU, BOGDAN, IE
[72] DOYLE, GAVIN, IE
[71] EVERSEEN LIMITED, IE
[85] 2021-07-08
[86] 2020-01-21 (PCT/EP2020/051433)
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[25] EN
[54] **VIRUCIDAL COMPOSITION**
[54] **COMPOSITION VIRUCIDE**
[72] BOBBERT, ILJA, NL
[71] ASEPTIX RESEARCH B.V., NL
[85] 2021-07-08
[86] 2020-01-23 (PCT/EP2020/051571)
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[51] **Int.Cl. G10K 11/165 (2006.01) E01B 19/00 (2006.01)**
[25] EN
[54] **A NOISE DAMPER AND A METHOD FOR PRODUCING A NOISE DAMPER**
[54] **AMORTISSEUR DE BRUIT ET PROCEDE DE PRODUCTION D'UN AMORTISSEUR DE BRUIT**
[72] BRINDLE, PHILIP, GB
[72] WILLIAMS, ANDREW, GB
[72] DAUDIA, RAJIV, GB
[71] TRELLEBORG RETFORD LIMITED, GB
[85] 2021-07-08
[86] 2020-03-03 (PCT/EP2020/055542)
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[30] EP (19161670.5) 2019-03-08

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[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **APPARATUS FOR EXTRACORPOREAL TREATMENT OF BLOOD AND METHOD FOR DETERMINING A PARAMETER INDICATIVE OF THE PROGRESS OF AN EXTRACORPOREAL BLOOD TREATMENT**
[54] **APPAREIL POUR LE TRAITEMENT EXTRA-CORPOREL DU SANG ET PROCEDE POUR DETERMINER UN PARAMETRE INDICATEUR DE L'EVOLUTION D'UN TRAITEMENT EXTRA-CORPOREL DU SANG**
[72] ROVATTI, PAOLO, IT
[72] SALSA, MARCO, IT
[71] GAMBRO LUNDIA AB, SE
[85] 2021-07-08
[86] 2020-01-23 (PCT/EP2020/051684)
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[51] **Int.Cl. C03C 19/00 (2006.01) B24C 1/04 (2006.01) B24C 11/00 (2006.01) C03C 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A GLASS SUBSTRATE WITH AN EMBOSSED SURFACE FINISH AND GLASS SUBSTRATE OBTAINED USING SAID METHOD**
[54] **PROCEDE DE FABRICATION D'UN SUBSTRAT EN VERRE AVEC UN FINI DE SURFACE EN RELIEF ET SUBSTRAT EN VERRE OBTENU AU MOYEN DUDIT PROCEDE**
[72] ABAD REGUERA, VICTOR, ES
[71] TVITEC SYSTEM GLASS. S.L., ES
[85] 2021-07-08
[86] 2019-01-21 (PCT/ES2019/070025)
[87] (WO2020/152373)

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[51] **Int.Cl. A61B 5/024 (2006.01) A61B 5/00 (2006.01) A61B 5/022 (2006.01) A61B 5/0225 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR MEASURING FUNCTIONALITY OF AN ARTERIAL SYSTEM**
[54] **APPAREIL DE MESURE DE LA FONCTIONNALITE D'UN SYSTEME ARTERIEL**
[72] PANULA, TUUKKA, FI
[72] KAISTI, MATTI, FI
[72] PANKAALA, MIKKO, FI
[72] KOIVISTO, TERO, FI
[71] TURUN YLIOPISTO, FI
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[25] EN
[54] **MODIFIED STRAIN OF SALMONELLA ENTERICA TYPHI**
[54] **SOUCHE MODIFIEE DE SALMONELLA ENTERICA TYPHI**
[72] CRANENBURGH, ROCKY MARC, GB
[72] SOULIER, ANNELISE JULIETTE, GB
[71] PROKARIUM LIMITED, GB
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[54] **PROCEDE D'UTILISATION DE BIOMASSE**
[72] NICOL, ANNA, FI
[72] TOIVANEN, JANNE, FI
[71] OY KARL FAZER AB, FI
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[54] **DIAGNOSIS OR PROGNOSIS OF POSTSURGICAL ADVERSE EVENTS**
[54] **DIAGNOSTIC OU PRONOSTIC D'EVENEMENTS INDESIRABLES POST-CHIRURGICAUX**
[72] CHEW, MICHELLE, SE
[72] ANDERSSON, HENRIK, SE
[72] WILSON, DARIUS, GB
[71] B.R.A.H.M.S GMBH, DE
[71] LINKOPING UNIVERSITY HOSPITAL, SE
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[54] **VECTEURS MOLECULAIRES STRUCTURES POUR DES COMPOSES ANTI-INFLAMMATOIRES ET LEURS UTILISATIONS**
[72] BODENNEC, JACQUES, FR
[72] BELMEGUENAI, AMOR, FR
[72] BODENNEC, SELENA, FR
[72] BEZIN, LAURENT, FR
[72] GEORGES, BEATRICE, FR
[72] BLOT, VICTOR, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] UNIVERSITE JEAN MONNET SAINT ETIENNE, FR
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[54] **A FURNITURE ITEM CONFIGURED FOR EASE OF ASSEMBLY AND DISASSEMBLY**
[54] **ELEMENT DE MOBILIER CONFIGURE POUR UNE FACILITE D'ASSEMBLAGE ET DE DESASSEMBLAGE**
[72] BRIDGMAN, ROBERT, GB
[72] BRIDGMAN, PETER, GB
[71] BRIDGMAN, ROBERT, GB
[71] BRIDGMAN, PETER, GB
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[25] EN
[54] **METHOD FOR GENERATING A 3D PRINTABLE MODEL OF A PATIENT SPECIFIC ANATOMY**
[54] **PROCEDE DE GENERATION D'UN MODELE POUVANT ETRE IMPRIME EN 3D D'UNE ANATOMIE SPECIFIQUE D'UN PATIENT**
[72] HASLAM, NIALL, GB
[72] CRAWFORD, DANIEL, GB
[72] COOMBER, CATHERINE, GB
[71] AXIAL MEDICAL PRINTING LIMITED, GB
[85] 2021-07-08
[86] 2020-01-13 (PCT/GB2020/050063)
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[54] **PRODUCTION PROCESSES OF S- AND O-DIACYLATED GAMMA-GLUTAMYL-CYSTEAMINE PRODRUGS**
[54] **PROCEDES DE PRODUCTION DE PROMEDICAMENTS DE GAMMA-GLUTAMYL-CYSTEAMINE S-ET O-DIACYLES**
[72] BARNWELL, NEIL, GB
[72] LEVICK, MATTHEW, GB
[72] HALES, IVAN, GB
[72] DUNN, MICHAEL, GB
[72] ANDERSON, ROSALEEN JOY (DECEASED), GB
[72] FROST, LISA, GB
[71] UNIVERSITY OF SUNDERLAND, GB
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[25] EN
[54] **PYROLYSIS DEVICE**
[54] **DISPOSITIF DE PYROLYSE**
[72] INNOCENTI, GIANNI, IT
[72] SIMONI, ROBERTO, IT
[72] D'ALESSANDRO, GIUSEPPE, IT
[72] ANDREINI, VANNI, IT
[72] FREDIANI, PIERO, IT
[72] SONEGO, ALESSANDRO, IT
[72] OCCHIALINI, SILVIO, IT
[71] TYREBIRTH S.R.L., IT
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[54] **COMPOSITIONS CONTAINING A PEPTIDE ABLE TO STIMULATE THE GPRC6A-DEPENDENT SIGNALLING PATHWAY**
[54] **COMPOSITIONS CONTENANT UN PEPTIDE APTE A STIMULER LA VOIE DE SIGNALISATION DEPENDANTE DE GPRC6A**
[72] FORESTA, CARLO, IT
[72] DE TONI, LUCA, IT
[72] DI NISIO, ANDREA, IT
[72] DE ROCCO PONCE, MAURIZIO, IT
[72] GIORI, ANDREA, CH
[71] ALTERGON S.A., CH
[71] FONDAZIONE FORESTA-ONLUS, IT
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[25] FR
[54] **INJECTION CANNULA, ECMO SYSTEM**
[54] **CANULE D'INJECTION, SYSTEME ECMO**
[72] MORDANT, PIERRE, FR
[71] ASSISTANCE PUBLIQUE HOPITAUX DE PARIS, FR
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[54] **LIPOSOME COMPOSITION COMPRISING LIPOSOMAL PRODRUG OF MITOMYCIN C AND METHOD OF MANUFACTURE**
[54] **COMPOSITION DE LIPOSOME COMPRENANT UN PROMEDICAMENT LIPOSOMAL DE MITOMYCINE C ET PROCEDE DE FABRICATION**
[72] GABIZON, ALBERTO, IL
[72] OHANA, PATRICIA, IL
[72] SHMEEDA, HILARY, IL
[71] LIPOMEDIX PHARMACEUTICALS LTD., IL
[71] SHAARE ZEDEK SCIENTIFIC LTD., IL
[85] 2021-07-08
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[87] (WO2020/144657)
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[54] **COLLAPSIBLE TRAVEL BOTTLE**
[54] **BOUTEILLE DE VOYAGE PLIABLE**
[72] SWARTS, JURRIEN, US
[72] SMIEDT, RICHARD, US
[71] STOJO PRODUCTS INC., US
[85] 2021-07-08
[86] 2020-03-12 (PCT/IB2020/052220)
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[30] US (62/793,580) 2019-01-17
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[51] **Int.Cl. A61M 1/34 (2006.01)**
[25] EN
[54] **PLASMA DETOXIFICATION METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE DECONTAMINATION DU PLASMA**
[72] WENTHOLD, RANDY, US
[71] MARKER HOLDINGS AG, CH
[85] 2021-07-08
[86] 2020-01-13 (PCT/IB2020/050236)
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[30] US (62/791,617) 2019-01-11

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[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **SAFETY HARNESS WITH REMOVABLE RIGID DORSAL FORCE-TRANSFER MEMBER**
[54] **HARNAIS DE SECURITE AVEC ELEMENT DE TRANSFERT DE FORCE DORSAL RIGIDE AMOVIBLE**
[72] SAFE, NATHAN W., US
[72] SHAVER, STEPHEN D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[86] 2020-01-14 (PCT/IB2020/050277)
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[25] EN
[54] **ARTICLE OF CLOTHING INTEGRATING AT LEAST TWO INTERCONNECTED CONDUCTIVE WIRES AND CORRESPONDING INTERCONNECTION METHOD**
[54] **PIECE DE VETEMENT INTEGRANT AU MOINS DEUX FILS CONDUCTEURS INTERCONNECTES ET PROCEDE D'INTERCONNEXION ASSOCIE**
[72] GASSER, JEROME, FR
[71] SARL SP, FR
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[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **CONNECTOR FOR SURGICAL HANDPIECE**
[54] **PIECE DE CONNEXION POUR PIECE A MAIN CHIRURGICALE**
[72] COTTER, DANIEL J., US
[72] BERTORELLI, JOHN, US
[72] KETELHOHN, ROBERT A., US
[72] NIESKOSKI, MICHAEL, US
[72] SHEEHAN, JAMES, US
[71] INTEGRA LIFESCIENCES ENTERPRISES, LLLP, US
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[25] EN
[54] **METHOD FOR THE MANUFACTURING OF CHITIN DERIVATIVES THROUGH TREATMENT WITH ULTRASOUNDS**
[54] **PROCEDE DE PREPARATION DE DERIVES DE CHITINE PAR TRAITEMENT PAR ULTRASONS**
[72] DI BERARDINO, FABIO, IT
[71] TEXOL S.R.L., IT
[85] 2021-07-08
[86] 2020-01-15 (PCT/IB2020/050304)
[87] (WO2020/148672)
[30] IT (102019000000749) 2019-01-17

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[54] **BUS BARS**
[54] **BARRES OMNIBUS**
[72] ARCAND, SEBASTIEN, CA
[72] GARNEAU, DANIEL, CA
[72] HOUDE, FELIX, CA
[71] SAINT-AUGUSTIN CANADA ELECTRIC INC., CA
[85] 2021-07-08
[86] 2020-01-16 (PCT/IB2020/050357)
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[30] US (62/792,933) 2019-01-16

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[51] **Int.Cl. B23C 5/22 (2006.01) B23C 5/10 (2006.01)**
[25] EN
[54] **ROTARY CUTTING BODY HAVING INSERT POCKET WITH SEAT SURFACE PROVIDED WITH A PLURALITY OF ABUTMENT ELEMENTS, ROTARY CUTTING TOOL AND INSERT**
[54] **CORPS DE COUPE ROTATIF COMPRENANT UNE POCHE D'INSERT DOTEE D'UNE SURFACE D'APPUI PRESENTANT UNE PLURALITE D'ELEMENTS BUTEES, OUTIL DE COUPE ROTATIF ET INSERT**
[72] ELKAYAM, SAGI, IL
[71] ISCAR LTD., IL
[85] 2021-07-08
[86] 2020-01-20 (PCT/IL2020/050081)
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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 28/04 (2009.01)**
[25] EN
[54] **LOW-LATENCY PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) ENHANCEMENTS AND RESOURCE CONFIGURATION**
[54] **AMELIORATIONS DE CANAL DE COMMANDE DE LIAISON MONTANTE PHYSIQUE A FAIBLE LATENCE (PUCCH) ET CONFIGURATION DE RESSOURCES**
[72] YIN, ZHANPING, XX
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
[85] 2021-07-08
[86] 2020-01-09 (PCT/JP2020/000505)
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[30] US (62/790,909) 2019-01-10

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[51] **Int.Cl. C07D 235/04 (2006.01) A61K 31/4184 (2006.01) A61K 31/437 (2006.01) C07D 471/04 (2006.01) C07D 519/00 (2006.01)**
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[54] **METALLOENZYME INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE METALLOENZYME**
[72] SPARKS, STEVEN, US
[72] YATES, CHRISTOPHER M., US
[71] PHASEBIO PHARMACEUTICALS, INC., US
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[51] **Int.Cl. B21D 26/033 (2011.01) B21D 26/035 (2011.01)**
[25] EN
[54] **METAL PIPE MOLDING METHOD, METAL PIPE, AND MOLDING SYSTEM**
[54] **PROCEDE DE MOULAGE DE TUYAU METALLIQUE, TUYAU METALLIQUE ET SYSTEME DE MOULAGE**
[72] SAIKA, MASAYUKI, JP
[72] ISHIZUKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[72] NOGIWA, KIMIHIRO, JP
[72] IDE, AKIHIRO, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[85] 2021-07-08
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[87] (WO2020/179360)
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[51] **Int.Cl. A61K 31/196 (2006.01) A61K 31/573 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **ACECLOFENAC AND BETAMETHASONE SYNERGIC PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF PAIN CAUSED BY RHEUMATIC DISEASES OR POST-SURGICAL PAIN**
[54] **COMPOSITION PHARMACEUTIQUE SYNERGIQUE D'ACECLOFENAC ET DE BETAMETHASONE POUR LE TRAITEMENT DE LA DOULEUR D'AFFECTIONS RHUMATISMALES OU DE LA DOULEUR POST-CHIRURGICALE**
[72] GARCIA ARMENTA, PATRICIA DEL CARMEN, MX
[72] CHAVEZ GARCIA, JOSE ALONSO, MX
[71] AMEZCUA AMEZCUA, FEDERICO, MX
[71] AMEZCUA AMEZCUA, CARLOS, MX
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[25] EN
[54] **SYNTHETIC LENSES FOR ULTRASOUND IMAGING SYSTEMS**
[54] **LENTILLES SYNTHETIQUES POUR SYSTEMES D'IMAGERIE ULTRASONORES**
[72] HAQUE, YUSUF, US
[72] AKKARAJU, SANDEEP, US
[72] BRYZEK, JANUSZ, US
[72] CHOWDHURY, ANDALIB, US
[72] GUENTHER, DRAKE, US
[71] EXO IMAGING, INC., US
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[51] **Int.Cl. F21L 4/04 (2006.01) F21S 8/00 (2006.01) F21V 21/06 (2006.01) F21V 21/14 (2006.01)**
[25] EN
[54] **PORTABLE LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE PORTABLE**
[72] SHARRAH, JONATHAN R., US
[72] DALTON, MATTHEW B., US
[71] STREAMLIGHT, INC., US
[85] 2021-07-08
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[51] **Int.Cl. G06Q 40/02 (2012.01) G06Q 20/02 (2012.01)**
[25] EN
[54] **CHEQUE CLEARING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMPENSATION DE CHEQUES**
[72] LECHIMANAN, RAJASURIYA, MY
[71] RAJOO, SIVAM, MY
[85] 2021-07-08
[86] 2020-01-08 (PCT/MY2020/050002)
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[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/0205 (2006.01) A61B 5/021 (2006.01) A61B 5/0215 (2006.01) A61B 5/022 (2006.01) A61B 5/024 (2006.01)**
[25] EN
[54] **A METHOD TO QUANTIFY THE HEMODYNAMIC AND VASCULAR PROPERTIES IN VIVO FROM ARTERIAL WAVEFORM MEASUREMENTS**
[54] **PROCEDE POUR QUANTIFIER LES PROPRIETES HEMODYNAMIQUES ET VASCULAIRES IN VIVO A PARTIR DE MESURES DE FORME D'ONDE ARTERIELLE**
[72] HOCKING, GRANT, US
[71] HOCKING, GRANT, US
[85] 2021-07-08
[86] 2020-01-16 (PCT/US2020/013830)
[87] (WO2020/150445)
[30] US (62/793,594) 2019-01-17

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[51] **Int.Cl. A01J 5/007 (2006.01)**
[25] EN
[54] **CONTROL UNIT, SYSTEM AND METHOD RELATED TO AN ANIMAL'S ENERGY BALANCE**
[54] **UNITE DE COMMANDE, SYSTEME ET PROCEDE RELATIFS A L'EQUILIBRE ENERGETIQUE D'UN ANIMAL**
[72] KLAAS, ILKA, SE
[71] DELAVAL HOLDING AB, SE
[85] 2021-07-08
[86] 2020-01-13 (PCT/SE2020/050021)
[87] (WO2020/149778)
[30] SE (1950047-9) 2019-01-16

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[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/0205 (2006.01) A61B 5/021 (2006.01) A61B 5/0215 (2006.01) A61B 5/022 (2006.01) A61B 5/024 (2006.01)**
[25] EN
[54] **A METHOD TO QUANTIFY THE HEMODYNAMIC AND VASCULAR PROPERTIES IN VIVO FROM ARTERIAL WAVEFORM MEASUREMENTS**
[54] **PROCEDE PERMETTANT DE QUANTIFIER LES PROPRIETES HEMODYNAMIQUES ET VASCULAIRES IN VIVO A PARTIR DE MESURES DE FORME D'ONDE ARTERIELLE**
[72] HOCKING, GRANT, US
[71] HOCKING, GRANT, US
[85] 2021-07-08
[86] 2020-01-16 (PCT/US2020/013847)
[87] (WO2020/150455)
[30] US (62/793,587) 2019-01-17

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[51] **Int.Cl. C07D 471/04 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING OSTEOARTHRITIS PAIN BY ADMINISTERING RESINIFERATOXIN**
[54] **METHODES DE TRAITEMENT DE LA DOULEUR D'OSTEOARTHRITE PAR ADMINISTRATION DE RESINIFERATOXINE**
[72] NAHAMA, ALEXIS, US
[72] JI, HENRY HONGJUN, US
[71] SORRENTO THERAPEUTICS, INC., US
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[86] 2020-01-21 (PCT/US2020/014361)
[87] (WO2020/154261)
[30] US (62/795,530) 2019-01-22
[30] US (62/915,802) 2019-10-16

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[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/1486 (2006.01)**
[25] EN
[54] **ANALYTE SENSORS EMPLOYING MULTIPLE ENZYMES AND METHODS ASSOCIATED THEREWITH**
[54] **CAPTEURS D'ANALYTES UTILISANT DE MULTIPLES ENZYMES ET PROCEDES ASSOCIES A CEUX-CI**
[72] OJA, STEPHEN, US
[72] OUYANG, TIANMEI, US
[72] CHO, HYUN, US
[72] TRAN, LAM N., US
[72] FELDMAN, BENJAMIN J., US
[72] SLOAN, MARK K., US
[72] KUMAR, ASHWIN, US
[72] KIAIE, NAMVAR, US
[72] LOVE, MICHAEL R., US
[71] ABBOTT DIABETES CARES INC., US
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[51] **Int.Cl. B65G 69/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR SENSING VEHICLE POSITIONING AND VEHICLE RESTRAINT MOVEMENT**
[54] **APPAREIL ET PROCEDES DE DETECTION DE POSITIONNEMENT DE VEHICULE ET DE MOUVEMENT DE RETENUE DE VEHICULE**
[72] SVEUM, MATTHEW, US
[72] MUSHYNSKI, ALAN, US
[72] SENFLEBEN, JASON, US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2021-07-08
[86] 2020-02-07 (PCT/US2020/017274)
[87] (WO2020/163752)
[30] US (62/803,033) 2019-02-08

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[51] **Int.Cl. B65G 69/00 (2006.01) B65G 69/28 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **MONITORING AND ALERTING SYSTEMS FOR DETECTING HAZARDOUS CONDITIONS AT LOADING DOCKS**
[54] **SYSTEMES DE SURVEILLANCE ET D'ALERTE PERMETTANT DE DETECTER DES CONDITIONS DANGEREUSES AU NIVEAU DE QUAIS DE CHARGEMENT**
[72] MANONE, JOSEPH, US
[72] SVEUM, MATTHEW, US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2021-07-08
[86] 2020-02-11 (PCT/US2020/017661)
[87] (WO2020/167767)
[30] US (16/277,743) 2019-02-15

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[51] **Int.Cl. G02B 7/02 (2021.01) F41G 1/16 (2006.01) F41G 1/28 (2006.01) F41G 1/38 (2006.01) G02B 23/14 (2006.01) G02B 23/16 (2006.01)**
[25] EN
[54] **RIFLE SCOPE TURRET WITH TOOL-FREE ZEROING**
[54] **TOURELLE DE LUNETTE DE FUSIL AVEC REMISE A ZERO SANS OUTIL**
[72] HAMILTON, DAVID, US
[72] MORELL, ROB, US
[72] SETH, TOY, US
[72] SCOTT, PARKS, US
[71] SHELTERED WINGS, INC. D/B/A VORTEX OPTICS, US
[85] 2021-07-08
[86] 2020-01-07 (PCT/US2020/012580)
[87] (WO2020/146385)
[30] US (62/789,769) 2019-01-08

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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01) G06Q 50/28 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LIMITING INDUCTION OF OBJECTS TO ONE OR MORE OBJECT PROCESSING SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE LIMITATION D'INDUCTION D'OBJETS VERS UN OU PLUSIEURS SYSTEMES DE TRAITEMENT D'OBJETS**
[72] WAGNER, THOMAS, US
[72] MASON, MATTHEW T., US
[72] GEYER, CHRISTOPHER, US
[72] AMEND, JOHN RICHARD JR., US
[72] MARONEY, KYLE, US
[72] ROMANO, JOSEPH, US
[72] HINCHEY, VICTORIA, US
[72] KITTREDGE, JEFFREY, US
[72] GAUTHIER, ANDREW, US
[72] KUMAR, LAKSHMAN, US
[72] VELAGAPUDI, PRASANNA, US
[71] BERKSHIRE GREY, INC., US
[85] 2021-07-08
[86] 2020-01-08 (PCT/US2020/012695)
[87] (WO2020/146467)
[30] US (62/789,775) 2019-01-08
[30] US (62/884,351) 2019-08-08
[30] US (16/543,105) 2019-08-16
[30] US (16/661,820) 2019-10-23

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[51] **Int.Cl. B01D 15/00 (2006.01) B65D 83/00 (2006.01) C02F 1/50 (2006.01) C02F 1/68 (2006.01)**
[25] EN
[54] **FILTERWELL CARTRIDGES**
[54] **CARTOUCHES DE PUITS FILTRANT**
[72] GUY, DAVID, US
[72] JOHNSON, JEFFREY D., US
[72] FREEBERG, PAUL, US
[72] GOEMAN, TERRY, US
[72] ENDERSON, LYLE, US
[72] SWAGEL, DARRIN, US
[72] BARTON, ERIC, US
[71] KING TECHNOLOGY INC., US
[85] 2021-07-08
[86] 2020-03-11 (PCT/US2020/000012)
[87] (WO2020/190354)
[30] US (62/919,523) 2019-03-15

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[13] A1
[51] **Int.Cl. F42B 12/80 (2006.01)**
[25] EN
[54] **COLORING OF LEAD OR STEEL HUNTING/SPORTING SHOTS AND ITS METHOD**
[54] **COLORATION DE GRENAILLES DE PLOMB OU D'ACIER POUR LA CHASSE OU LE SPORT ET SON PROCEDE**
[72] YAVAS, HASAN, TR
[71] HEPER METAL DOKUM SAN. VE TIC A.S., TR
[85] 2021-07-08
[86] 2019-12-25 (PCT/TR2019/051211)
[87] (WO2021/133270)

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[13] A1
[51] **Int.Cl. B41J 2/045 (2006.01) B41J 2/175 (2006.01)**
[25] EN
[54] **PULLDOWN DEVICES**
[54] **DISPOSITIFS D'EXCURSION BASSE**
[72] GARDNER, JAMES, US
[72] ROSSI, JOHN, US
[72] LINN, SCOTT A., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-07-08
[86] 2019-02-06 (PCT/US2019/016730)
[87] (WO2020/162891)

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[13] A1
[51] **Int.Cl. B41J 2/045 (2006.01) B41J 2/14 (2006.01)**
[25] EN
[54] **INTEGRATED CIRCUITS INCLUDING MEMORY CELLS**
[54] **CIRCUITS INTEGRES COMPRENANT DES CELLULES DE MEMOIRE**
[72] LINN, SCOTT A., US
[72] GARDNER, JAMES MICHAEL, US
[72] CUMBIE, MICHAEL W., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-07-08
[86] 2019-02-06 (PCT/US2019/016732)
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[13] A1
[51] **Int.Cl. H01L 23/34 (2006.01) B41J 2/045 (2006.01) B41J 2/175 (2006.01) B41J 29/377 (2006.01) B41J 29/38 (2006.01)**
[25] EN
[54] **TEMPERATURE DETECTION AND CONTROL**
[54] **DETECTION ET COMMANDE DE TEMPERATURE**
[72] CUMBIE, MICHAEL W., US
[72] GARDNER, JAMES MICHAEL, US
[72] LINN, SCOTT A., US
[72] CORRIGAN, GEORGE H., III., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-07-08
[86] 2019-02-06 (PCT/US2019/016811)
[87] (WO2020/162917)

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[13] A1
[51] **Int.Cl. B41J 2/045 (2006.01)**
[25] EN
[54] **INTEGRATED CIRCUIT WITH ADDRESS DRIVERS FOR FLUIDIC DIE**
[54] **CIRCUIT INTEGRE A CIRCUITS D'ATTAQUE D'ADRESSE POUR PUCE FLUIDIQUE**
[72] LINN, SCOTT A., US
[72] GARDNER, JAMES MICHAEL, US
[72] CUMBIE, MICHAEL W., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-07-08
[86] 2019-02-06 (PCT/US2019/016818)
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[51] **Int.Cl. G01B 7/00 (2006.01) G01B 7/004 (2006.01) G01C 9/00 (2006.01) G01D 5/00 (2006.01) G01D 5/12 (2006.01) G01R 33/00 (2006.01) G01R 33/02 (2006.01)**
[25] EN
[54] **SELF-CONTAINED ELECTROMAGNETIC TRACKING UNIT**
[54] **UNITE DE SUIVI ELECTROMAGNETIQUE AUTONOME**
[72] ASHE, WESTLEY S., US
[72] VAN WIJNGAARDEN, RICHARD, CA
[72] WILES, ANDREW, CA
[71] NORTHERN DIGITAL, INC., CA
[71] ASHE, WESTLEY S., US
[85] 2021-07-08
[86] 2020-01-07 (PCT/US2020/012540)
[87] (WO2020/146354)
[30] US (16/242,765) 2019-01-08

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[13] A1
[51] **Int.Cl. G16H 20/17 (2018.01) A61B 5/00 (2006.01) A61F 9/00 (2006.01) A61N 1/30 (2006.01)**
[25] EN
[54] **PROGRAMMABLE THERAPEUTIC AGENT DELIVERY FROM EYE MOUNTED DEVICE**
[54] **ADMINISTRATION D'AGENT THERAPEUTIQUE PROGRAMMABLE A PARTIR D'UN DISPOSITIF MONTE SUR L'OEIL**
[72] GUTIERREZ, CHRISTIAN, US
[71] TWENTY TWENTY THERAPEUTICS LLC, US
[85] 2021-07-08
[86] 2020-01-07 (PCT/US2020/012548)
[87] (WO2020/146358)
[30] US (62/790,310) 2019-01-09

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01) G06Q 50/28 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SEPARATING OBJECTS USING A VACUUM ROLLER WITH ONE OR MORE OBJECT PROCESSING SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE SEPARER D'OBJETS A L'AIDE D'UN ROULEAU VIDE AVEC UN OU PLUSIEURS SYSTEMES DE TRAITEMENT D'OBJETS**
[72] WAGNER, THOMAS, US
[72] MASON, MATTHEW T., US
[72] GEYER, CHRISTOPHER, US
[72] MARONEY, KYLE, US
[72] ROMANO, JOSEPH, US
[72] HINCHEY, VICTORIA, US
[72] KITTREDGE, JEFFREY, US
[72] GAUTHIER, ANDREW, US
[72] KUMAR, LAKSHMAN, US
[72] VELAGAPUDI, PRASANNA, US
[72] AMEND, JOHN RICHARD JR., US
[71] BERKSHIRE GREY, INC., US
[85] 2021-07-08
[86] 2020-01-08 (PCT/US2020/012704)
[87] (WO2020/146472)
[30] US (62/789,775) 2019-01-08
[30] US (62/884,351) 2019-08-08
[30] US (16/543,105) 2019-08-16
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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01) G06Q 50/28 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISTRIBUTING INDUCTION OF OBJECTS TO A PLURALITY OF OBJECT PROCESSING SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION D'INDUCTION D'OBJETS A UNE PLURALITE DE SYSTEMES DE TRAITEMENT D'OBJETS**
[72] WAGNER, THOMAS, US
[72] MASON, MATTHEW T., US
[72] GEYER, CHRISTOPHER, US
[72] AMEND, JOHN RICHARD JR., US
[72] MARONEY, KYLE, US
[72] ROMANO, JOSEPH, US
[72] HINCHEY, VICTORIA, US
[72] KITTREDGE, JEFFREY, US
[72] GAUTHIER, ANDREW, US
[72] KUMAR, LAKSHMAN, US
[72] VELAGAPUDI, PRASANNA, US
[71] BERKSHIRE GREY, INC., US
[85] 2021-07-08
[86] 2020-01-08 (PCT/US2020/012754)
[87] (WO2020/146509)
[30] US (62/789,775) 2019-01-08
[30] US (62/884,351) 2019-08-08
[30] US (16/543,105) 2019-08-16
[30] US (16/661,820) 2019-10-23

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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/00 (2006.01) A61K 9/26 (2006.01)**
[25] EN
[54] **STORAGE STABLE CHOLINE CHLORIDE COMPOSITIONS**
[54] **COMPOSITIONS DE CHLORURE DE CHOLINE STABLES AU STOCKAGE**
[72] EDGAR, JERRY, US
[72] IBRAHIM, MICHAEL, US
[71] BALCHEM CORPORATION, US
[85] 2021-07-08
[86] 2020-01-22 (PCT/US2020/014550)
[87] (WO2020/159765)
[30] US (62/798,855) 2019-01-30

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[51] **Int.Cl. A61K 31/517 (2006.01) A61K 31/7068 (2006.01) A61K 39/39 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING BREAST CANCER WITH TUCATINIB**
[54] **METHODES DE TRAITEMENT DU CANCER DU SEIN AVEC DU TUCATINIB**
[72] WALKER, LUKE, US
[72] ENDRES, CHRISTOPHER J., US
[72] LEE, ANTHONY JAEYONG, US
[72] SUN, HAO, US
[72] TOPLETZ-ERICKSON, ARIEL R., US
[71] SEAGEN INC., US
[85] 2021-07-08
[86] 2020-01-24 (PCT/US2020/014953)
[87] (WO2020/159822)
[30] US (62/797,854) 2019-01-28

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[13] A1
[51] **Int.Cl. A22C 17/00 (2006.01) B25J 11/00 (2006.01) B25J 15/06 (2006.01) B65G 47/91 (2006.01)**
[25] EN
[54] **PICK AND THROW HARVESTING**
[54] **EXPLOITATION DE TYPE "PICK AND THROW"**
[72] HOCKER, JON A., US
[72] BLAINE, GEORGE R., US
[72] GILL, HARRISON T., US
[72] KEOGH, JONATHAN, US
[72] SORENSON, ERICK A., US
[71] JOHN BEAN TECHNOLOGIES CORPORATION, US
[85] 2021-07-08
[86] 2020-02-10 (PCT/US2020/017520)
[87] (WO2020/167669)
[30] US (62/803,824) 2019-02-11
[30] US (62/823,239) 2019-03-25

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[13] A1
[51] **Int.Cl. G09F 3/10 (2006.01) G09F 3/02 (2006.01)**
[25] EN
[54] **EMBOSSING OR DEBOSSING OF A LABEL SUBSTRATE**
[54] **GAUFRAGE OU DEGAUFRAGE D'UN SUBSTRAT D'ETIQUETTE**
[72] MCKILLIP, BARRON G., US
[72] BUSHMAN, CRAIG A., US
[72] SCHUMACHER, CHRIS ALAN, US
[71] MULTI-COLOR CORPORATION, US
[85] 2021-07-08
[86] 2020-02-12 (PCT/US2020/017869)
[87] (WO2020/167907)
[30] US (62/804,333) 2019-02-12

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) F04B 47/08 (2006.01) F04B 49/06 (2006.01)**
[25] EN
[54] **FLUID PUMP SYSTEM FOR GROUNDWATER WELLS WITH INTELLIGENT CYCLE COUNT AND AIR SUPPLY VALVE MONITORING**
[54] **SYSTEME DE POMPE A FLUIDE POUR PUITS D'EAU SOUTERRAINE AVEC COMPTAGE DE CYCLES INTELLIGENT ET SURVEILLANCE DE SOUPAPE D'ALIMENTATION EN AIR**
[72] SCHAUPP, JOHN F., US
[71] Q.E.D. ENVIRONMENTAL SYSTEMS, INC., US
[85] 2021-07-08
[86] 2020-02-14 (PCT/US2020/018214)
[87] (WO2020/263349)
[30] US (62/866,977) 2019-06-26

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[13] A1
[51] **Int.Cl. B25J 9/16 (2006.01) G05D 1/00 (2006.01) G05D 1/02 (2020.01)**
[25] EN
[54] **INSPECTION ROBOT**
[54] **ROBOT D'INSPECTION**
[72] LOOSARARIAN, MARK JAKE, US
[72] BINGER, MICHAEL A., US
[72] BRYNER, EDWARD A., US
[72] CHO, EDWIN H., US
[72] CHO, MARK, US
[72] CUTI, ALEXANDER R., US
[72] CORDOVA, IGNACIO J., CL
[72] GUISE, BENJAMIN A., US
[72] JOURDE, DILLON R., US
[72] LOW, KEVIN Y., US
[72] MACKENZIE, LOGAN A., US
[72] MOORE, JOSHUA D., US
[72] MRKONICH, JEFFREY J., US
[72] PRIDGEN, WILLIAM J., US
[72] RODRIGUEZ, DOMENIC P., US
[72] TROGU, FRANCESCO H., US
[72] WATT, ALEX C., US
[72] GU, YIZHU, US
[72] MILLER, IAN, US
[72] JOSLIN, TODD, US
[72] DENNER, KATHERINE VIRGINIA, US
[72] AUDA, MICHAEL STEPHEN, US
[72] WESTENBERG, SAMUEL THEODORE, US
[71] GECKO ROBOTICS, INC., US
[85] 2021-07-08
[86] 2020-03-09 (PCT/US2020/021779)
[87] (WO2020/185719)
[30] US (62/815,724) 2019-03-08

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[13] A1
[51] **Int.Cl. E21F 17/18 (2006.01) F21S 8/04 (2006.01) F21S 10/00 (2006.01) G08B 5/00 (2006.01) G08B 7/06 (2006.01)**
[25] EN
[54] **A LIGHTING SYSTEM AND METHOD OF USE THEREOF**
[54] **APPAREIL D'ECLAIRAGE ET PROCEDE D'UTILISATION ASSOCIE**
[72] PAINE, ROBIN, AU
[72] JAMES, GREG, AU
[71] IOT AUTOMATION GLOBAL PTY LTD, AU
[85] 2021-07-09
[86] 2019-01-11 (PCT/AU2019/050016)
[87] (WO2020/107056)

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[13] A1
[51] **Int.Cl. H04R 17/10 (2006.01) H04R 1/22 (2006.01) H04R 25/00 (2006.01)**
[25] EN
[54] **ACOUSTIC DEVICES**
[54] **DISPOSITIFS ACOUSTIQUES**
[72] LOMAS, KATHRYN, AU
[72] REID, ANDREW, AU
[72] MCSWEENEY, TOBY, AU
[72] TROTT, DANIEL, AU
[72] WINDMILL, JAMES, AU
[72] JACKSON, JOSEPH, AU
[71] HEMIDEINA PTY LTD, AU
[85] 2021-07-09
[86] 2020-01-10 (PCT/AU2020/050013)
[87] (WO2020/142812)
[30] AU (2019900079) 2019-01-11
[30] AU (2019902691) 2019-07-29

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[13] A1
[51] **Int.Cl. A61L 2/232 (2006.01) A01N 25/34 (2006.01) A01N 33/12 (2006.01) A01N 43/40 (2006.01) A01N 47/44 (2006.01) A01N 55/00 (2006.01) A61K 8/02 (2006.01) A61K 9/70 (2006.01) A61K 31/14 (2006.01) A61K 31/155 (2006.01) A61K 31/355 (2006.01) A61K 36/886 (2006.01) A61L 2/18 (2006.01) A61P 31/04 (2006.01) A61P 31/14 (2006.01) A61Q 19/00 (2006.01) B32B 29/00 (2006.01) D21H 27/30 (2006.01) D21H 27/32 (2006.01)**
[25] EN
[54] **IMPROVED METHOD AND COMPOSITIONS FOR SURFACE TREATMENT**
[54] **PROCEDE ET COMPOSITIONS AMELIORES POUR TRAITEMENT DE SURFACE**
[72] KRITZLER, STEVEN, AU
[71] KRITZLER, STEVEN, AU
[85] 2021-07-09
[86] 2020-01-10 (PCT/AU2020/050014)
[87] (WO2020/142813)
[30] AU (2019900082) 2019-01-11

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[13] A1
[51] **Int.Cl. B64C 17/06 (2006.01) B64C 27/20 (2006.01) B64C 39/06 (2006.01)**
[25] EN
[54] **GYROSCOPICALLY STABILISED AERIAL VEHICLES**
[54] **VEHICULES AERIENS STABILISES GYROSCOPIQUEMENT**
[72] CHAMBERS, CHRISTOPHER MALCOLM, AU
[71] ZIRCON CHAMBERS PTY. LTD., AU
[85] 2021-07-09
[86] 2020-01-23 (PCT/AU2020/050038)
[87] (WO2020/150778)
[30] AU (2019900211) 2019-01-23

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) G16Y 10/45 (2020.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACCESSING DATA VIA SMART ARTICLES INCLUDING PURCHASING DATA**
[54] **SYSTEME ET PROCEDE D'ACCES A DES DONNEES PAR L'INTERMEDIAIRE D'ARTICLES INTELLIGENTS COMPRENANT DES DONNEES D'ACHAT**
[72] MORENA, JOSEPH, CA
[72] FUSCO, CONO, CA
[72] MORENA, VINCE, CA
[71] ZAPCOW INC., CA
[85] 2021-07-09
[86] 2020-12-04 (PCT/CA2020/000133)
[87] (WO2021/108889)
[30] US (62/943,522) 2019-12-04

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[13] A1
[51] **Int.Cl. B62D 55/07 (2006.01) B62D 51/02 (2006.01)**
[25] EN
[54] **SNOW VEHICLE FOR STAND-UP USE**
[54] **VEHICULE A NEIGE A UTILISER DEBOUT**
[72] AUBUT, ALAIN, CA
[72] GAUTHIER, FELIX, CA
[71] 10696030 CANADA INC., CA
[85] 2021-07-09
[86] 2020-01-08 (PCT/CA2020/050018)
[87] (WO2020/142844)
[30] US (62/790,778) 2019-01-10

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/008 (2012.01) E21B 43/00 (2006.01) F04B 49/06 (2006.01) F04C 14/00 (2006.01) F04D 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A PUMP CONTROLLER**
[54] **SYSTEME ET PROCEDE POUR UN DISPOSITIF DE COMMANDE DE POMPE**
[72] BEVAN, STUART, CA
[71] 2291447 ONTARIO INC., CA
[85] 2021-07-09
[86] 2020-01-09 (PCT/CA2020/050025)
[87] (WO2020/142848)
[30] US (62/790,987) 2019-01-10

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[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/0481 (2013.01) G16H 30/20 (2018.01) G09G 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NAVIGATING SEQUENCES OF DIGITAL IMAGES**
[54] **SYSTEMES ET PROCEDES D'EXPLORATION DE SEQUENCES D'IMAGES NUMERIQUES**
[72] FINELLI, BRUNO MONTEIRO, CA
[72] BOHDANOW, SCOTT ALEXANDER, CA
[72] HUNT, NEIL EDMUND JAMES, CA
[72] RANKIN, STEVEN ANDREW, CA
[71] CLIENT OUTLOOK INC., CA
[85] 2021-07-09
[86] 2020-01-10 (PCT/CA2020/050026)
[87] (WO2020/142849)
[30] US (62/791,254) 2019-01-11

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[13] A1
[51] **Int.Cl. G08G 3/00 (2006.01) G06Q 50/28 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRACKING VESSELS**
[54] **SYSTEME ET PROCEDE DE SUIVI DES NAVIRES**
[72] FRANKLIN, BRIAN, CA
[72] ANDERSON, RYAN ALEXANDER, CA
[72] MEGER, ERIC, CA
[71] MAEROSPACE CORPORATION, CA
[85] 2021-07-09
[86] 2020-01-10 (PCT/CA2020/050027)
[87] (WO2020/142850)
[30] US (62/791,293) 2019-01-11

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[13] A1
[51] **Int.Cl. B60N 2/28 (2006.01) B60N 2/42 (2006.01)**
[25] EN
[54] **CHILD SAFETY SEAT WITH ENERGY ABSORBER**
[54] **SIEGE DE SECURITE POUR ENFANT DOTE D'UN ABSORBEUR D'ENERGIE**
[72] DINESCU, IULIU, CA
[72] ROTIROTI, GIUSEPPE, CA
[72] HU, QUINN, CA
[71] CLEK INC., CA
[85] 2021-07-09
[86] 2020-01-10 (PCT/CA2020/050030)
[87] (WO2020/142853)
[30] US (62/790,784) 2019-01-10

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[51] **Int.Cl. C05F 7/00 (2006.01) C02F 1/00 (2006.01) C02F 1/04 (2006.01) C02F 1/24 (2006.01) C02F 1/44 (2006.01) C02F 3/02 (2006.01) C02F 11/02 (2006.01) C05F 17/00 (2020.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TREATING WASTEWATER**
[54] **PROCEDE ET SYSTEME POUR TRAITER DES EAUX USEES**
[72] MASSONE, ALESSANDRO, IT
[72] JOSSE, JUAN CARLOS, US
[71] ANAERGIA INC., CA
[85] 2021-07-09
[86] 2020-01-14 (PCT/CA2020/050035)
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[30] IT (102019000000577) 2019-01-14

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[25] EN
[54] **LILRB3-BINDING MOLECULES AND USES THEREFOR**
[54] **MOLECULES LIANT LILRB3 ET UTILISATIONS ASSOCIEES**
[72] BROKX, RICHARD, CA
[72] MASON, JACQUELINE M., CA
[72] BRAY, MARK R., CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2021-07-09
[86] 2020-01-16 (PCT/CA2020/050042)
[87] (WO2020/146946)
[30] US (62/794,064) 2019-01-18

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[13] A1
[51] **Int.Cl. F25D 21/06 (2006.01) F25D 29/00 (2006.01)**
[25] EN
[54] **REFRIGERATOR AND CONTROL METHOD, DEVICE AND SYSTEM THEREFOR**
[54] **REFRIGERATEUR AINSI QUE PROCEDE, DISPOSITIF ET SYSTEME DE COMMANDE ASSOCIES**
[72] FANG, RUIMING, CN
[72] LI, YU, CN
[71] HEFEI MIDEA REFRIGERATOR CO., LTD., CN
[71] HEFEI HAULING CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2021-07-09
[86] 2019-01-09 (PCT/CN2019/070940)
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[13] A1
[51] **Int.Cl. A61C 17/02 (2006.01)**
[25] EN
[54] **ORAL IRRIGATOR**
[54] **IRRIGATEUR ORAL**
[72] XU, ZHENWU, CN
[72] LIU, DALEI, CN
[71] SHANGHAI SHIFT ELECTRICS CO., LTD., CN
[71] LIU, DALEI, CN
[85] 2021-07-09
[86] 2019-01-17 (PCT/CN2019/072229)
[87] (WO2020/143073)
[30] CN (201910024316.7) 2019-01-10

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[13] A1
[51] **Int.Cl. A61C 17/02 (2006.01)**
[25] EN
[54] **NOZZLE FOR ORAL IRRIGATOR, AND ORAL IRRIGATOR HAVING SAME**
[54] **BUSE POUR IRRIGATEUR BUCCAL, ET IRRIGATEUR BUCCAL LA COMPORTANT**
[72] XU, ZHENWU, CN
[72] LIU, DALEI, CN
[71] SHANGHAI SHIFT ELECTRICS CO., LTD., CN
[71] LIU, DALEI, CN
[85] 2021-07-09
[86] 2019-01-17 (PCT/CN2019/072230)
[87] (WO2020/143074)
[30] CN (201910024304.4) 2019-01-10

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[13] A1
[51] **Int.Cl. A01G 7/04 (2006.01)**
[25] EN
[54] **LIGHTING METHOD FOR PROMOTING PLANT GROWTH, PLANT LAMP AND APPLICATION THEREOF**
[54] **METHODE D'ECLAIRAGE POUR PROMOUVOIR LA CROISSANCE DES PLANTES, LAMPE A PLANTES ET APPLICATION CONNEXE**
[72] LI, YANG, CN
[72] LI, SHAOHUA, CN
[72] ZHAN, ZHUO, CN
[72] CHEN, YIQUN, CN
[72] WANG, TINGTING, CN
[72] MA, JIAN, CN
[71] FUJIAN SANAN SINO-SCIENCE PHOTOBIOTECH CO., LTD., CN
[85] 2021-07-09
[86] 2019-04-23 (PCT/CN2019/083859)
[87] (WO2020/199277)
[30] CN (201910270563.5) 2019-04-04

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **OBJECT RECEIVING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE RECEPTION D'OBJET**
[72] YANG, YU, CN
[72] SUN, PENG, CN
[71] VIVO MOBILE COMMUNICATION CO., LTD., CN
[85] 2021-07-09
[86] 2020-01-08 (PCT/CN2020/070879)
[87] (WO2020/143660)
[30] CN (201910028462.7) 2019-01-11

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[13] A1
[51] **Int.Cl. H04B 7/0413 (2017.01) H04B 7/0426 (2017.01)**
[25] EN
[54] **POWER CONTROL IMPLEMENTATION METHOD AND APPARATUS, COMMUNICATION NODE, AND COMPUTER-READABLE STORAGE MEDIUM**
[54] **PROCEDE ET APPAREIL DE MISE EN □UVRE DE COMMANDE DE PUISSANCE, N□UD DE COMMUNICATION ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR**
[72] YAO, KE, CN
[72] LI, YU NGOK, CN
[72] WU, HAO, CN
[72] GAO, BO, CN
[71] ZTE CORPORATION, CN
[85] 2021-07-09
[86] 2020-01-10 (PCT/CN2020/071304)
[87] (WO2020/143733)
[30] CN (201910028585.0) 2019-01-11

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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)**
[25] EN
[54] **RECOMBINANT ANTI-HUMAN PD-1 ANTIBODY AND APPLICATION THEREOF**
[54] **ANTICORPS ANTI-PD-1 HUMAIN RECOMBINANT ET SON APPLICATION**
[72] ZHANG, JINCHAO, CN
[72] WANG, RONGJUAN, CN
[72] JIAO, SHASHA, CN
[72] WANG, SHUANG, CN
[71] MABWELL (SHANGHAI) BIOSCIENCE CO., LTD., CN
[85] 2021-07-09
[86] 2020-01-10 (PCT/CN2020/071353)
[87] (WO2020/143749)
[30] CN (201910022548.9) 2019-01-10

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[51] **Int.Cl. H04N 19/13 (2014.01)**
[25] EN
[54] **ENCODER, DECODER AND CORRESPONDING METHODS USING DCT2 ENABLED HIGH LEVEL FLAG**
[54] **CODEUR, DECODEUR ET PROCEDES CORRESPONDANTS UTILISANT UN DRAPEAU DE HAUT NIVEAU ACTIVE PAR DCT2**
[72] GAO, HAN, DE
[72] CHEN, JIANLE, US
[72] ESENLIK, SEMIH, DE
[72] KOTRA, ANAND MEHER, DE
[72] WANG, BIAO, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2021-07-09
[86] 2020-01-11 (PCT/CN2020/071591)
[87] (WO2020/143811)
[30] US (62/791,674) 2019-01-11

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[13] A1
[51] **Int.Cl. G06F 7/00 (2006.01)**
[25] EN
[54] **QUERY PROCESSING USING LOGICAL QUERY STEPS HAVING CANONICAL FORMS**
[54] **TRAITEMENT DE REQUETE A L'AIDE D'ETAPES DE REQUETE LOGIQUES AYANT DES FORMES CANONIQUES**
[72] GHAZAL, AHMAD, US
[72] HU, RON-CHUNG, US
[72] ZHANG, MINGYI, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2021-07-09
[86] 2020-03-19 (PCT/CN2020/080149)
[87] (WO2020/192542)
[30] US (62/822,463) 2019-03-22

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 4/46 (2018.01) H04L 1/18 (2006.01)**
[25] EN
[54] **CONTROL INFORMATION SENDING METHOD AND RECEIVING METHOD, TERMINAL, AND NETWORK SIDE DEVICE**
[54] **PROCEDE D'ENVOI ET PROCEDE DE RECEPTION D'INFORMATIONS DE COMMANDE, TERMINAL ET DISPOSITIF COTE RESEAU**
[72] ZHANG, YI, CN
[72] XIA, LIANG, CN
[72] WANG, QIXING, CN
[71] CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE, CN
[71] CHINA MOBILE COMMUNICATIONS GROUP CO., LTD., CN
[85] 2021-07-09
[86] 2020-01-10 (PCT/CN2020/071375)
[87] (WO2020/143755)
[30] CN (201910028414.8) 2019-01-11

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[51] **Int.Cl. F24F 1/0358 (2019.01) F24F 3/14 (2006.01) F24F 13/22 (2006.01)**
[25] EN
[54] **DEHUMIDIFIER**
[54] **DESHUMIDIFICATEUR**
[72] LI, WEIMING, CN
[72] XING, ZHIGANG, CN
[71] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
[85] 2021-07-09
[86] 2020-04-13 (PCT/CN2020/084368)
[87] (WO2021/103382)
[30] CN (201922132404.7) 2019-11-29
[30] CN (201911218448.X) 2019-11-29

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[51] **Int.Cl. F24F 3/14 (2006.01) F24F 13/20 (2006.01)**
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[54] **DEHUMIDIFIER**
[54] **DESHUMIDIFICATEUR**
[72] LI, WEIMING, CN
[72] XING, ZHIGANG, CN
[71] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
[85] 2021-07-09
[86] 2020-04-13 (PCT/CN2020/084370)
[87] (WO2021/103383)
[30] CN (201922129836.2) 2019-11-29
[30] CN (201911217475.5) 2019-11-29

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[51] **Int.Cl. A47J 42/18 (2006.01) A47J 42/16 (2006.01)**
[25] EN
[54] **COFFEE GRINDING MACHINE CONFIGURED TO PROVIDE A DOSE OF STRATIFIED GROUND COFFEE AND ASSOCIATED METHOD**
[54] **MACHINE DE MOUTURE DE CAFE CONCUE POUR FOURNIR UNE DOSE DE CAFE MOULU STRATIFIE ET PROCEDE ASSOCIE**
[72] DIONISIO, ANDREA, IT
[72] GATTI, RICCARDO, IT
[72] PARENTI, ALESSANDRO, IT
[72] ANGELONI, GIULIA, IT
[72] GUERRINI, LORENZO, IT
[71] LA MARZOCCO S.R.L., IT
[85] 2021-07-09
[86] 2020-01-14 (PCT/EP2020/050773)
[87] (WO2020/148258)
[30] IT (102019000000591) 2019-01-15

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[51] **Int.Cl. A61B 5/02 (2006.01) G16H 50/50 (2018.01) A61B 5/021 (2006.01)**
[25] EN
[54] **PATIENT-SPECIFIC MODELING OF HEMODYNAMIC PARAMETERS IN CORONARY ARTERIES**
[54] **MODELISATION DE PARAMETRES HEMODYNAMIQUES SPECIFIQUE D'UN PATIENT DANS DES ARTERES CORONAIRES**
[72] KOSIOR, ANDRZEJ, PL
[72] MIROTA, KRYSPIN, PL
[72] TARNAWSKI, WOJCIECH, PL
[71] LIFEFLOW SP. Z.O.O., PL
[85] 2021-07-09
[86] 2019-01-11 (PCT/EP2019/050704)
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[51] **Int.Cl. F41A 25/00 (2006.01) F41A 25/22 (2006.01)**
[25] EN
[54] **GUN BARREL MOUNTING AND GUN**
[54] **MONTAGE SUR PALIER DE CANON D'ARME ET ARME A CANON**
[72] SCHWIEGER, FLORIAN, DE
[72] BAUMANN, BERTHOLD, DE
[72] BORCHERT, RUDIGER, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
[85] 2021-07-09
[86] 2019-12-12 (PCT/EP2019/084795)
[87] (WO2020/143985)
[30] DE (10 2019 100 579.5) 2019-01-11

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[13] A1
[51] **Int.Cl. G01G 19/02 (2006.01)**
[25] EN
[54] **CALIBRATION OF AND SITE SELECTION FOR A WIM SENSOR AND WIM SENSOR**
[54] **ETALONNAGE D'UN CAPTEUR DE PESEE EN MOUVEMENT (WIM) ET SELECTION DE SITE POUR CELUI-CI, ET CAPTEUR WIM**
[72] HAILESILASSIE, BIRUK, CH
[71] KISTLER HOLDING AG, CH
[85] 2021-07-09
[86] 2020-02-05 (PCT/EP2020/052853)
[87] (WO2020/182376)
[30] EP (19161646.5) 2019-03-08

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[13] A1
[51] **Int.Cl. E04F 15/02 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **PANEL SUITABLE FOR ASSEMBLING A FLOOR COVERING**
[54] **PANNEAU APPROPRIE POUR L'ASSEMBLAGE D'UN REVETEMENT DE SOL**
[72] BAERT, THOMAS LUC MARTINE, BE
[72] VAN POYER, TOM, CN
[72] BOON, SVEN, CN
[71] CHAMPION LINK INTERNATIONAL CORPORATION, AI
[85] 2021-07-09
[86] 2020-01-03 (PCT/EP2020/050086)
[87] (WO2020/144113)
[30] NL (2022369) 2019-01-10

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[51] **Int.Cl. G01R 15/04 (2006.01) G01R 21/06 (2006.01) G01R 35/00 (2006.01)**
[25] EN
[54] **AN IMPROVED DEVICE FOR MEASURING THE ELECTRIC POWER DRAWN BY A RAILWAY VEHICLE FROM A HIGH-VOLTAGE ELECTRIC SUPPLY LINE**
[54] **DISPOSITIF POUR MESURER LA PUISSANCE ELECTRIQUE CONSOMMEE PAR UN VEHICULE DE CHEMIN DE FER SUR UNE LIGNE D'ALIMENTATION ELECTRIQUE A HAUTE TENSION**
[72] BATTISTELLA, DENIS, IT
[72] CHIANESE, ALESSANDRO, IT
[72] VALTER, LOVATI, IT
[71] MICROELETTRICA SCIENTIFICA S.P.A., IT
[85] 2021-07-09
[86] 2020-01-08 (PCT/EP2020/050263)
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[30] EP (19150985.0) 2019-01-09

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[13] A1
[51] **Int.Cl. B60C 27/06 (2006.01)**
[25] EN
[54] **UTILITY VEHICLE TYRE CHAIN HAVING AT LEAST ONE CLEAT PLATE, UTILITY VEHICLE TYRE AND CLEAT PLATE FOR A UTILITY VEHICLE TYRE CHAIN**
[54] **CHAINE D'ADHERENCE DE VEHICULE UTILITAIRE COMPORTANT AU MOINS UNE PLAQUE A CRAMPONS, PNEUS DE VEHICULE UTILITAIRE ET PLAQUE A CRAMPONS POUR UNE CHAINE D'ADHERENCE DE VEHICULE UTIL ITAIRE**
[72] RIEGER, JOHANNES, DE
[72] ROSLER, BERND, DE
[72] TAFNER, DANIEL, AT
[71] RUD KETTEN RIEGER & DIETZ GMBH U. CO. KG, DE
[85] 2021-07-09
[86] 2020-01-08 (PCT/EP2020/050311)
[87] (WO2020/148127)
[30] DE (10 2019 200 350.8) 2019-01-14

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[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **USE OF BMMF1 REP PROTEIN AS A BIOMARKER FOR PROSTATE CANCER**
[54] **UTILISATION DE LA PROTEINE REP BMMF1 EN TANT QUE BIOMARQUEUR POUR LE CANCER DE LA PROSTATE**
[72] BUND, TIMO, DE
[72] DE VILLIERS-ZUR HAUSEN, ETHEL-MICHELE, DE
[72] ZUR HAUSEN, HARALD, DE
[72] ERNST, CLAUDIA, DE
[72] TESSMER, CLAUDIA, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS, DE
[85] 2021-07-09
[86] 2020-02-21 (PCT/EP2020/054617)
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[30] EP (19158840.9) 2019-02-22

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[51] **Int.Cl. C07D 257/06 (2006.01) A01N 43/713 (2006.01)**
[25] EN
[54] **HERBICIDAL SUBSTITUTED N-TETRAZOLYL ARYL CARBOXAMIDES**
[54] **N-TETRAZOLYLARYLCARBOXAMIDES SUBSTITUES HERBICIDES**
[72] WALDRAFF, CHRISTIAN, DE
[72] AHRENS, HARTMUT, DE
[72] LEHR, STEFAN, DE
[72] ASMUS, ELISABETH, DE
[72] DIETRICH, HANSJORG, DE
[72] GATZWEILER, ELMAR, DE
[72] MACHETTIRA, ANU BHEEMAIAH, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2021-07-09
[86] 2020-01-10 (PCT/EP2020/050498)
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[30] EP (19151541.0) 2019-01-14

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 31/167 (2006.01) A61P 1/16 (2006.01) A61P 39/02 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **TREATMENT OF HEPATOTOXICITY**
[54] **TRAITEMENT D'HEPATOTOXICITE**
[72] COOK, STUART ALEXANDER, SG
[72] SCHAEFER, SEBASTIAN, SG
[72] WIDJAJA, ANISSA ANINDYA, SG
[71] SINGAPORE HEALTH SERVICES PTE. LTD., SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
[85] 2021-07-09
[86] 2020-01-21 (PCT/EP2020/051332)
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[30] GB (1900811.9) 2019-01-21
[30] GB (1907839.3) 2019-06-03
[30] GB (1915003.6) 2019-10-17

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[51] **Int.Cl. A61K 31/167 (2006.01) A61K 31/52 (2006.01) A61K 45/06 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING OR PREVENTING HEART FAILURE AND REDUCING RISK OF HEART FAILURE**
[54] **METHODES DE TRAITEMENT OU DE PREVENTION DE L'INSUFFISANCE CARDIAQUE ET DE REDUCTION DU RISQUE D'INSUFFISANCE CARDIAQUE**
[72] TARDIF, JEAN-CLAUDE, CA
[72] RHEAUME, ERIC, CA
[72] MERLET, NOLWENN, CA
[71] DALCOR PHARMA UK LTD., LEATHERHEAD, ZUG BRANCH, CH
[71] MONTREAL HEART INSTITUTE, CA
[85] 2021-07-09
[86] 2020-03-06 (PCT/EP2020/056102)
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[30] US (62/815,068) 2019-03-07

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[13] A1
[51] **Int.Cl. B67D 3/00 (2006.01)**
[25] EN
[54] **DRINK DISPENSING DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION DE BOISSONS**
[72] BILIAS, PANAGIOTIS, GR
[71] BILIAS, PANAGIOTIS, GR
[85] 2021-07-09
[86] 2020-01-14 (PCT/GR2020/000006)
[87] (WO2020/148559)
[30] GR (20190100016) 2019-01-14

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[13] A1
[51] **Int.Cl. B65D 75/56 (2006.01) B65D 33/10 (2006.01)**
[25] EN
[54] **A PANEL FOR A FLEXIBLE PACKAGE**
[54] **PANNEAU POUR EMBALLAGE SOUPLE**
[72] SAHU, NRUSINGH, AE
[72] THOMAS, RAJAN, AE
[72] SANKHE, NITIN, AE
[71] POSITIVE PACKAGING UNITED (ME) FZCO, AE
[85] 2021-07-09
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[87] (WO2020/144507)
[30] IN (201921001227) 2019-01-10

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/498 (2006.01)**
[25] EN
[54] **COMBINATION OF SELECTIVE ALPHA-ADRENERGIC RECEPTOR AGONIST OR AN ANTICHOLINERGIC AGENT AND LIPOIC ACID AND USES THEREOF**
[54] **ASSOCIATION D'UN AGONISTE SELECTIF DU RECEPTEUR ALPHA-ADRENERGIQUE OU D'UN AGENT ANTICHOLINERGIQUE ET D'ACIDE LIPOIQUE ET SES UTILISATIONS**
[72] KANDULA, MAHESH, IN
[71] CELLIX BIO PRIVATE LIMITED, IN
[85] 2021-07-09
[86] 2020-01-03 (PCT/IB2020/050028)
[87] (WO2020/144546)
[30] IN (201941001491) 2019-01-12
[30] IB (PCT/IB2019/050901) 2019-02-05

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[51] **Int.Cl. B27K 3/00 (2006.01) C09D 15/00 (2006.01)**
[25] EN
[54] **METHOD AND KIT FOR TREATING WOOD WITH RED UNDERTONES**
[54] **PROCEDE ET KIT DE TRAITEMENT DU BOIS A L'AIDE DE TEINTURES DE FOND ROUGES**
[72] DELBAERE, PASCAL, BE
[72] DEVAERE, WOUTER, BE
[71] DEBAL COATINGS, BE
[85] 2021-07-09
[86] 2020-01-10 (PCT/IB2020/050167)
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[30] BE (BE2019/5018) 2019-01-11

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[25] EN
[54] **DIHYDROOROTATE DEHYDROGENASE INHIBITORS**
[54] **INHIBITEURS DE DIHYDROOROTATE DESHYDROGENASE**
[72] CISAR, JUSTIN, US
[72] KUDUK, SCOTT, US
[72] WANG, CHAO-YUAN, US
[72] SIMONNET, YVAN RENE FERDINAND, US
[72] KEOHANE, COLLEEN ELIZABETH, US
[72] JACOBY, EDGAR, BE
[71] JANSSEN BIOTECH, INC., US
[85] 2021-07-09
[86] 2020-01-10 (PCT/IB2020/050180)
[87] (WO2020/144638)
[30] US (62/791,057) 2019-01-11
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[54] **COMPOSITION PHARMACEUTIQUE DESTINEE AU TRAITEMENT DE LA DEMENCE ET DES TROUBLES CEREBROVASCULAIRES**
[72] YAMADA, KEN-ICHI, JP
[72] YAMAMOTO, KEIICHI, JP
[71] YAMADA, KEN-ICHI, JP
[71] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP
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[54] **PHARMACEUTICAL COMPOSITION FOR INTRAOCULAR OR ORAL ADMINISTRATION FOR TREATMENT OF RETINAL DISEASES**
[54] **COMPOSITION PHARMACEUTIQUE POUR ADMINISTRATION INTRAOCULAIRE OU ORALE EN VUE DU TRAITEMENT DE MALADIES RETINIENNES**
[72] YAMADA, KEN-ICHI, JP
[72] SHINTO, SAKI, JP
[72] ISHIDA, MINATO, JP
[72] YAMAMOTO, KEIICHI, JP
[71] YAMADA, KEN-ICHI, JP
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[54] **DIHYDROPYRAZOLOPYRAZINONE DERIVATIVE HAVING MGAT2 INHIBITORY ACTIVITY**
[54] **DERIVE DE DIHYDROPYRAZOLOPYRAZINONE PRESENTANT UNE ACTIVITE INHIBITRICE SUR MGAT2**
[72] TATENO, YUSUKE, JP
[72] KATOU, MANABU, JP
[72] WADA, TOSHIHIRO, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2021-07-09
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[54] **HYDROCYCLONE FOR DETECTING FORMATION OF A ROPING STATE**
[54] **HYDROCYCLONE POUR DETECTER LA FORMATION D'UN ETAT DE BOUDIN DE FILAGE**
[72] SAKARANAHO, MATTI, FI
[72] SOINI, TEEMU, FI
[72] KOURUNEN, JARI, FI
[72] KAARTINEN, JANI, FI
[72] LOIMI, JANNE, FI
[72] HEISKANEN, KARI, FI
[71] METSO OUTOTEC FINLAND OY, FI
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[54] **A NORDIC WALKING/RUNNING/EXERCISE POLE**
[54] **BATON DE MARCHE NORDIQUE, DE COURSE ET D'EXERCICE**
[72] SERLACHIUS, FREDRIK, FI
[71] CREAFORCE OY, FI
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[54] **CONVEYING DEVICE, PROCESSING INSTALLATION, METHOD FOR CONVEYING AND/OR PROCESSING OBJECTS**
[54] **AGENCEMENT DE SUSPENSION DE VEHICULE A NEIGE**
[72] PELTOMAA, MARKO, FI
[71] SNOWSUS OY, FI
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[54] **METHOD FOR MANUFACTURING BUTTER-LIKE FOOD DERIVED FROM VEGETABLE MILK AND BUTTER-LIKE FOOD DERIVED FROM VEGETABLE MILK**
[54] **PROCEDE DE FABRICATION D'ALIMENT DE TYPE BEURRE ISSU D'UN LAIT VEGETAL, ET ALIMENT DE TYPE BEURRE ISSU DE LAIT VEGETAL**
[72] FUJIHARU, KOJI, JP
[71] WISTERIA CO., LTD., JP
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[54] **SYSTEM FOR LYOPHILIZING, RECONSTITUTING, AND DELIVERING A MEDICATION, AND RELATED METHODS**
[54] **SYSTEME DE LYOPHILISATION, DE RECONSTITUTION ET D'ADMINISTRATION DE MEDICAMENT ET METHODES ASSOCIEES**
[72] ZWIRNMANN, RALPH FRITZ, US
[72] PISERCHIO, MATTHEW, US
[72] RICHARD, EMMA, US
[71] JANSSEN PHARMACEUTICALS, INC., US
[85] 2021-07-09
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[54] **SURGICAL INSTRUMENT HANDLE WITH IMPLANT SIZING FEATURE AND METHOD OF USING**
[54] **POIGNEE D'INSTRUMENT CHIRURGICAL AVEC CARACTERISTIQUE DE DIMENSIONNEMENT D'IMPLANT ET PROCEDE D'UTILISATION**
[72] HODOREK, BRIAN C., US
[72] PURDY, MATT J., US
[72] WIATER, J. MICHAEL, US
[72] MURTHI, ANAND M., US
[72] SMITH, MATTHEW J., US
[72] CUFF, DEREK J., US
[72] JAWA, ANDREW, US
[71] SYNTHES GMBH, CH
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[54] **PORTABLE PUPPET THEATER**
[54] **THEATRE DE MARIONNETTES PORTABLE**
[72] FERRARA, ARTURO, IT
[71] FERRARA, ARTURO, IT
[85] 2021-07-09
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[54] **AUTOMATED LOADING STATION SUITABLE FOR MEAT PORTIONS AND PLANT FOR PROCESSING SAID MEAT PORTIONS**
[54] **STATION DE CHARGEMENT AUTOMATISEE APPROPRIEE POUR DES PIECES DE VIANDE ET INSTALLATION POUR TRAITER LESDITES PIECES DE VIANDE**
[72] FAVA, ANTONIO, IT
[71] FAVA S.N.C. DI ADELE TURETTA & C., IT
[85] 2021-07-09
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[54] **HEAT-SHIELDING PANEL AND PREFABRICATED BUILDING**
[54] **PANNEAU DE PROTECTION THERMIQUE ET BATIMENT PREFABRIQUE**
[72] YUKAWA ATSUYUKI, JP
[72] SHIMIZU SHINJI, JP
[71] PLANTS LABORATORY, INC., JP
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[25] EN
[54] **MECHANICAL STRUCTURE STEEL FOR COLD-WORKING AND MANUFACTURING METHOD THEREFOR**
[54] **ACIER POUR STRUCTURES DE MACHINES DE TRAVAIL A FROID, ET SON PROCEDE DE FABRICATION**
[72] YAMASHITA, KOJI, JP
[72] MURAKAMI, SHOGO, JP
[72] SAKATA, MASAYUKI, JP
[72] CHIBA, MASAMICHI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[86] 2020-01-14 (PCT/JP2020/000840)
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[25] EN
[54] **CURABLE WATER-SWELLING WATERSTOP MATERIAL, WATERSTOP STEEL SHEET PILE, WATERSTOP STEEL SHEET PILE PRODUCTION METHOD, AND WATER-STOPPING METHOD**
[54] **MATERIAU D'ARRET D'EAU DURCISSABLE DE TYPE GONFLANT A L'EAU, PALPLANCHE D'ACIER D'ARRET D'EAU, PROCEDE DE PRODUCTION DE PALPLANCHE D'ACIER D'ARRET D'EAU ET PROCEDE D'ARRET D'EAU**
[72] HIGASHINO, TAKAAKI, JP
[72] KATO, KENJI, JP
[71] NIPPON CHEMICAL PAINT CO., LTD., JP
[85] 2021-07-09
[86] 2020-01-14 (PCT/JP2020/000923)
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[54] **INGREDIENT FREEZING SYSTEM AND METHOD FOR PRODUCING FROZEN INGREDIENT**
[54] **SYSTEME DE CONGELATION D'INGREDIENT ET PROCEDE DE PRODUCTION D'UN INGREDIENT CONGELE**
[72] OTA, IKUO, JP
[72] OTA, YOSHIYUKI, JP
[71] HAKUBAI CO., LTD., JP
[85] 2021-07-09
[86] 2020-01-15 (PCT/JP2020/001062)
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[25] EN
[54] **SURFACE-MODIFIED NANODIAMOND, NANODIAMOND DISPERSION COMPOSITION, AND SURFACE-MODIFIED NANODIAMOND PRODUCTION METHOD**
[54] **NANODIAMANT MODIFIE EN SURFACE, COMPOSITION DE DISPERSION DE NANODIAMANT ET PROCEDE DE PRODUCTION DE NANODIAMANT MODIFIE EN SURFACE**
[72] SHIRO, DAISUKE, JP
[72] KUME, ATSUSHI, JP
[71] DAICEL CORPORATION, JP
[85] 2021-07-09
[86] 2020-02-10 (PCT/JP2020/005094)
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[54] **METAL PIPE AND METHOD FOR MANUFACTURING METAL PIPE**
[54] **TUBE METALLIQUE ET PROCEDE DE FABRICATION DE TUBE METALLIQUE**
[72] MATSUMOTO, AKIHIDE, JP
[72] MATSUMOTO, ATSUSHI, JP
[72] IDE, SHINSUKE, JP
[72] OKABE, TAKATOSHI, JP
[71] JFE STEEL CORPORATION, JP
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[51] **Int.Cl. A01M 9/00 (2006.01) A01C 15/00 (2006.01) A01C 15/12 (2006.01)**
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[54] **DEVICE AND METHOD FOR DISPENSING A PARTICULATE MATERIAL**
[54] **DISPOSITIF ET METHODE PERMETTANT DE DISTRIBUER UN MATERIAU PARTICULAIRE**
[72] VEENMAN, AREND, NL
[72] VEENMAN, SJORS, NL
[72] DE GLOPPER, MAARTEN HENK, NL
[71] KOPPERT B.V., NL
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[54] **PHARMACEUTICAL CARRIER FOR ACTIVE SUBSTANCES AND A PHARMACEUTICAL COMPOSITION CONTAINING SAID CARRIER**
[54] **EXCIPIENT PHARMACEUTIQUE POUR SUBSTANCES ACTIVES ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**
[72] BIERNAT, PAWEL, PL
[72] MELER, JAN, PL
[71] BIOTTS S A, PL
[85] 2021-07-09
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[51] **Int.Cl. C08J 11/04 (2006.01) C10B 53/00 (2006.01) C10G 1/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR THE DESTRUCTIVE DISTILLATION OF POLYETHYLENE AND POLYPROPYLENE WASTE**
[54] **PROCEDE ET DISPOSITIF POUR LA DISTILLATION DESTRUCTIVE DES DECHETS DE POLYETHYLENE ET DE POLYPROPYLENE**
[72] SEIDAMETOV, REMZI ISKANDEROVICH, RU
[72] SETMANBETOV, SABRI NARIMANOVICH, AF
[71] SEIDAMETOV, REMZI ISKANDEROVICH, RU
[71] SETMANBETOV, SABRI NARIMANOVICH, AF
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[54] **METHODS AND SYSTEMS FOR PET WELLNESS PLATFORM**
[54] **PROCEDES ET SYSTEMES POUR UNE PLATE-FORME DE BIEN-ETRE ANIMAL**
[72] BRAMSON, CAROL E., US
[72] PRINCE, MARNEY, US
[72] CELLA, CHARLES H., US
[72] BOH, ELIZABETH ANN, US
[72] FISCHER, OLIVIER JEAN CLAUDE, US
[71] HABI, INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR EXTENDING THE CAMPAIGN LIFE OF STABILIZERS FOR A COATING LINE**
[54] **PROCEDE ET APPAREIL POUR PROLONGER LA DUREE DE VIE DE ROULEAUX DE STABILISATION POUR UNE LIGNE DE REVETEMENT**
[72] NIEDRINGHAUS, JOYCE C., US
[72] CADOTTE, DANIEL J., US
[72] SERSION, WILLIAM F., JR., US
[72] WEBB, TONY LEE, II, US
[71] CLEVELAND-CLIFFS STEEL PROPERTIES INC., US
[85] 2021-07-09
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[54] **LIQUID DIVERTING FIXTURE ASSEMBLIES AND METHODS FOR THE SAME**
[54] **ENSEMBLES DE MONTAGE DE DEVIATION DE LIQUIDE ET LEURS PROCEDES**
[72] SHIELDS, KENT VAUGHAN, US
[71] L70 TECHNOLOGIES, LLC, US
[85] 2021-07-09
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[25] EN
[54] **DETECTING SENSOR OCCLUSION WITH COMPRESSED IMAGE DATA**
[54] **DETECTION D'OCCLUSION DE CAPTEUR AVEC DES DONNEES D'IMAGE COMPRESSEES**
[72] EVANS, RUFFIN, US
[71] WAYMO LLC, US
[85] 2021-07-09
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[54] **REDUNDANT FLEXIBLE DATACENTER WORKLOAD SCHEDULING**
[54] **PLANIFICATION DE CHARGE DE TRAVAIL DE CENTRE DE DONNEES FLEXIBLE REDONDANT**
[72] MCNAMARA, MICHAEL T., US
[72] HENSON, DAVID J., US
[72] CLINE JR., RAYMOND E., US
[71] LANCIUM LLC, US
[85] 2021-07-09
[86] 2020-01-13 (PCT/US2020/013316)
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[25] EN
[54] **ANTI-VARIABLE MUC1* ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS MUC1* ANTIVARIABLES ET LEURS UTILISATIONS**
[72] BAMDAD, CYNTHIA, US
[71] MINERVA BIOTECHNOLOGIES CORPORATION, US
[85] 2021-07-09
[86] 2020-01-13 (PCT/US2020/013410)
[87] (WO2020/146902)
[30] US (62/791,661) 2019-01-11
[30] US (PCT/US2019/019566) 2019-02-26
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[54] **RISK/REWARD SCORING IN TRANSACTIONAL RELATIONSHIPS**
[54] **NOTATION DE RISQUE/RECOMPENSE DANS DES RELATIONS TRANSACTIONNELLES**
[72] MCGUCKIN, TIMOTHY JON, US
[72] WOLFF, JEFFREY, US
[72] RICKER, KARON, US
[71] FIDELIQI LLC, US
[85] 2021-07-09
[86] 2020-01-13 (PCT/US2020/013411)
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[54] **FALL PROTECTION COMPLIANCE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONFORMITE DE PROTECTION CONTRE LES CHUTES**
[72] SEPE, BENJAMIN T., US
[72] HARDING, JEFFREY F., US
[72] TUELL, MITCHAM C., US
[72] CAMPBELL, ROBERT CRAIG, US
[72] STYGAR, CHRISTOPHER M., US
[72] RUTKOWSKI, PETER I., US
[71] MSA TECHNOLOGY, LLC, US
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[25] EN
[54] **NEUROLOGICAL MONITORING CABLE FOR MAGNETIC RESONANCE ENVIRONMENTS**
[54] **CABLE DE SURVEILLANCE NEUROLOGIQUE POUR ENVIRONNEMENTS DE RESONANCE MAGNETIQUE**
[72] KRONBERG, JAMES W., US
[72] FLOYD, HARRISON, US
[72] MCCOY, DANIEL E., US
[72] ORSINGER, GABRIEL, US
[71] RHYTHMLINK INTERNATIONAL, LLC, US
[85] 2021-07-09
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[54] **SPORE-BASED PROBIOTIC COMPOSITION FOR MODULATION OF DERMAL AND SUB-DERMAL PROPERTIES**
[54] **COMPOSITION PROBIOTIQUE A BASE DE SPORES POUR LA MODULATION DE PROPRIETES DERMIQUES ET SOUS-DERMIQUES**
[72] KRISHNAN, KIRAN, US
[72] KRIZ, DALE M., US
[72] BAYNE, THOMAS F., US
[71] NOVOZYMES A/S, DK
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[54] **INACTIVATION OF AFRICAN SWINE FEVER VIRUS USING A FEED ADDITIVE**
[54] **INACTIVATION DU VIRUS DE LA PESTE PORCINE AFRICAINE A L'AIDE D'UN ADDITIF ALIMENTAIRE**
[72] NIEDERWERDER, MEGAN, US
[71] KEMIN INDUSTRIES, INC., US
[85] 2021-07-09
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[87] (WO2020/149892)
[30] US (62/792,552) 2019-01-15

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[25] EN
[54] **RAPID REVERSE TRANSCRIPTION QUANTITATIVE POLYMERASE CHAIN REACTION**
[54] **REACTION EN CHAINE PAR POLYMERASE QUANTITATIVE A TRANSCRIPTION INVERSE RAPIDE**
[72] REED, JENNIFER L., US
[72] MCFALL, SALLY M., US
[72] BUTZLER, MATTHEW A., US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2021-07-09
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[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **METHOD TO QUANTIFY HYPERTENSION, AGING STATUS AND VASCULAR PROPERTIES IN VIVO FROM ARTERIAL OPTICAL PLETHYSMOGRAPH WAVEFORM MEASUREMENTS**
[54] **PROCEDE POUR QUANTIFIER L'HYPERTENSION, L'ETAT DE VIEILLISSEMENT ET LES PROPRIETES VASCULAIRES IN VIVO A PARTIR DE MESURES DE FORME D'ONDE DE PLETHYSMOGRAPHE OPTIQUES ARTERIELLES**
[72] HOCKING, GRANT, US
[71] HOCKING, GRANT, US
[85] 2021-07-09
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[51] **Int.Cl. H04L 29/06 (2006.01)**
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[54] **PRECONFIGURING DEDICATED RESOURCE INFORMATION IN IDLE MODE**
[54] **PRECONFIGURATION D'INFORMATIONS DE RESSOURCES DEDIEES EN MODE VEILLE**
[72] SHA, XIUBIN, CN
[72] DAI, BO, CN
[72] LU, TING, CN
[72] LIU, XU, CN
[72] LIU, KUN, CN
[71] ZTE CORPORATION, CN
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[51] **Int.Cl. E21D 11/08 (2006.01)**
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[54] **TUNNEL LINING SEGMENT MADE OF REINFORCED CONCRETE**
[54] **SEGMENT DE CUVELAGE EN BETON ARME**
[72] KOLLEGGER, JOHANN, AT
[72] PROKSCH-WEILGUNI, CLEMENS, AT
[72] WOLFGER, HANNES, AT
[71] TECHNISCHE UNIVERSITAT WIEN, AT
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[51] **Int.Cl. A01G 9/00 (2018.01) A01G 9/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATED FARMING OF POTTED PLANTS**
[54] **SYSTEME ET PROCEDE D'AGRICULTURE AUTOMATISEE DE PLANTES EN POT**
[72] BIDRAM, FARHANG, CA
[72] POURAZADI, SHAHRAM, CA
[72] MIRAZIMI, SAEED, CA
[71] ADVANCED INTELLIGENT SYSTEMS INC., CA
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[54] **ANALYTE SENSORS AND SENSING METHODS FOR DETECTING CREATININE**
[54] **CAPTEURS D'ANALYTE ET PROCEDES DE DETECTION POUR DETECTER LA CREATININE**
[72] OUYANG, TIANMEI, US
[72] FELDMAN, BENJAMIN J., US
[72] CHO, HYUN, US
[71] ABBOTT DIABETES CARE INC., US
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[54] **CONVEYOR IDLER ROLLER MONITORING ASSEMBLY**
[54] **ENSEMBLE DE CONTROLE DE ROULEAU NON COMMANDE DE TRANSPORTEUR**
[72] GEDDES, JUSTIN MCCARTHY, AU
[72] MORGAN, RUSSELL, AU
[71] CONVEYOR INNOVATIONS PTY LTD, AU
[71] E-MOOLA.COM PTY LTD, AU
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[51] **Int.Cl. A61L 15/00 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **MICROENVIRONMENT HYDROGEN-SUPPLYING BREATHABLE LAYER AND APPLICATIONS THEREOF**
[54] **COUCHE RESPIRANTE POUR ALIMENTATION EN HYDROGENE D'UN MICROENVIRONNEMENT ET POCHE D'APPLICATION EXTERNE**
[72] TSAUR, GARRY, US
[72] WANG, TING-HUA, US
[72] TSAUR, FRANK, US
[72] TSAUR, NANCY, US
[72] TSAUR, EMILY, US
[71] TO2M CORPORATION, CN
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[54] **BATTERY PACK**
[54] **BLOC-BATTERIE**
[72] LOH, KEN YONG, AU
[71] NARRABUNDAH TECHNOLOGY HOLDINGS PTY LTD, AU
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[25] EN
[54] **FOAMING OF BLOWING AGENT CONTAINING POLYMERS THROUGH THE USE OF MICROWAVES**
[54] **MOUSSAGE D'UN AGENT GONFLANT CONTENANT DES POLYMERES PAR L'UTILISATION DE MICRO-ONDES**
[72] RICHTER, THOMAS, DE
[72] SEIPEL, CHRISTOPH, DE
[72] TRASSL, CHRISTIAN, DE
[72] LIEBE, ANDREAS, DE
[72] BECKER, FLORIAN, DE
[72] MA JUNYONG, VINCENT, DE
[71] EVONIK OPERATIONS GMBH, DE
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[54] **NOVEL FOAMING PROCESS FOR PRODUCTION OF FOAM MATERIALS**
[54] **NOUVEAU PROCEDE DE MOUSSAGE POUR LA PRODUCTION DE MATERIAUX EN MOUSSE**
[72] RICHTER, THOMAS, DE
[72] LIEBE, ANDREAS, DE
[72] TRASSL, CHRISTIAN, DE
[72] BECKER, FLORIAN, DE
[72] MA JUNYONG, VINCENT, DE
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[25] EN
[54] **METHOD FOR TRANSFERRING A BATCH PRODUCTION PROCESS TO A CONTINUOUS PRODUCTION PROCESS**
[54] **PROCEDE DE TRANSFERT D'UN PROCESSUS DE PRODUCTION PAR LOTS A UN PROCESSUS DE PRODUCTION EN CONTINU**
[72] BUDDE, BASTIAN, DE
[72] SCHWAN, PETER, DE
[72] BORCHERT, SVEN-OLIVER, DE
[72] MAISER, BENJAMIN, DE
[72] CLASSEN, SVEN, DE
[72] LENZ, JURGEN, DE
[72] DAVID, LAURA, DE
[72] LOBEDANN, MARTIN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[54] **SOLID MICRONIZED MELATONIN COMPOSITION**
[54] **COMPOSITION DE MELATONINE MICRONISEE SOLIDE**
[72] SHAH, SYED M., US
[72] HASSAN, DANIEL, US
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2021-07-09
[86] 2020-01-17 (PCT/US2020/014086)
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[51] **Int.Cl. A61M 15/00 (2006.01) B05B 11/06 (2006.01)**
[25] EN
[54] **DEVICE FOR INHALING POWDER-TYPE SUBSTANCES, SUBSTANCE CONTAINER FOR A DEVICE AND METHOD FOR FILLING A DEVICE OF THIS TYPE**
[54] **DISPOSITIF POUR INHALER DES SUBSTANCES PULVERULENTES, RESERVOIR DE SUBSTANCE POUR UN TEL DISPOSITIF ET PROCEDE POUR REMPLIR UN DISPOSITIF DE CE TYPE**
[72] VON SCHUCKMANN, ALFRED, DE
[71] VON SCHUCKMANN, ALFRED, DE
[85] 2021-07-12
[86] 2020-01-14 (PCT/EP2020/050808)
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[30] DE (10 2019 100 832.8) 2019-01-14
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[54] **DIGITAL DISPLAY AND DIGITAL TIME DEVICE**
[54] **DISPOSITIF D'AFFICHAGE NUMERIQUE ET DISPOSITIF DE TEMPS NUMERIQUE**
[72] SHEU, KEVIN, TW
[71] SHEU, KEVIN, TW
[85] 2021-07-12
[86] 2019-12-06 (PCT/CN2019/123492)
[87] (WO2020/155850)
[30] CN (201910092745.8) 2019-01-30

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[51] **Int.Cl. A61M 15/00 (2006.01)**
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[54] **DEVICE FOR INHALING POWDER-TYPE SUBSTANCES**
[54] **DISPOSITIF POUR L'INHALATION DE SUBSTANCES PULVERULENTES**
[72] VON SCHUCKMANN, ALFRED, DE
[71] VON SCHUCKMANN, ALFRED, DE
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[86] 2020-01-14 (PCT/EP2020/050814)
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[54] **ARRANGEMENTS AND METHODS FOR ENHANCED COMMUNICATION ON AIRCRAFT**
[54] **ARRANGEMENTS ET PROCEDES POUR UNE COMMUNICATION AMELIOREE DANS UN AERONEF**
[72] DAVIS, BETHANY, US
[72] MAYO, AMY, US
[72] BOHANAN, SCOTT, US
[72] JORDAN, JIM, US
[72] MAXON, JOHN, US
[72] CONTI, PAUL, US
[72] WANG, TONGAN, US
[71] GULFSTREAM AEROSPACE CORPORATION, US
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[51] **Int.Cl. G10L 25/51 (2013.01) G06F 21/62 (2013.01) A61B 7/04 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR GENERATING ANONYMIZED ACOUSTIC FINGERPRINTS**
[54] **SYSTEMES ET PROCEDES POUR GENERER DES EMPREINTES ACOUSTIQUES ANONYMISEES**
[72] USVYAT, LEN, US
[72] BLANCHARD, THOMAS CHARLES, US
[72] CHAUDHURI, SHEETAL, US
[72] MILLETTE, WENDY, US
[72] MADDUX, FRANKLIN W., US
[72] MONAGHAN, CAITLIN KELLY, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[51] **Int.Cl. A01G 9/22 (2006.01)**
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[54] **ENERGY SAVING GREENHOUSE SCREEN**
[54] **ECRAN DE SERRE A ECONOMIE D'ENERGIE**
[72] WIDEN, SARA, SE
[72] ASPLUND, DANIEL, SE
[71] AB LUDVIG SVENSSON, SE
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[51] **Int.Cl. A61K 31/4458 (2006.01) A61K 9/50 (2006.01)**
[25] EN
[54] **METHYLPHENIDATE COMPOSITIONS FOR TREATMENT OF ATTENTION DEFICIT HYPERACTIVITY DISORDER**
[54] **COMPOSITIONS DE METHYLPHENIDATE POUR LE TRAITEMENT DU TROUBLE DEFICITAIRE DE L'ATTENTION AVEC HYPERACTIVITE**
[72] GOBBURU, JOGA, US
[72] LICKRISH, DAVID, KY
[72] INCLEDON, BEVERLY J., KY
[72] GOMENI, ROBERTO, KY
[71] IRONSHORE PHARMACEUTICALS & DEVELOPMENT, INC., KY
[85] 2021-07-09
[86] 2020-01-24 (PCT/US2020/014926)
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[25] EN
[54] **CHIMERIC RECEPTOR POLYPEPTIDES AND USES THEREOF**
[54] **POLYPEPTIDES RECEPTEURS CHIMERIQUES ET LEURS UTILISATIONS**
[72] ZENG, MING, US
[72] ZHANG, HUIHUI, CN
[71] NANJING LEGEND BIOTECH CO., LTD., CN
[85] 2021-07-12
[86] 2020-01-14 (PCT/CN2020/071947)
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[51] **Int.Cl. A61M 5/00 (2006.01) A61M 5/50 (2006.01)**
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[54] **NEEDLE PACKAGING**
[54] **EMBALLAGE D'AIGUILLE**
[72] FRAITES, THOMAS, US
[72] BRAKONIECKI, ADAM KRISTOPHER, US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2020-01-27 (PCT/US2020/015142)
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[51] **Int.Cl. A61K 35/741 (2015.01) A23L 33/135 (2016.01) A23L 33/14 (2016.01) A61K 31/505 (2006.01) A61K 36/06 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING AND PREVENTING CNS DISORDERS AND OTHER CONDITIONS CAUSED BY GUT MICROBIAL DYSBIOSIS**
[54] **PROCEDES ET COMPOSITIONS POUR TRAITER ET PREVENIR DES TROUBLES DU SYSTEME NERVEUX CENTRAL ET D'AUTRES ETATS PROVOQUES PAR UNE DYSBIOSE MICROBIENNE INTESTINALE**
[72] SKOLNICK, STEPHEN, US
[72] STRANDWITZ, PHILIP, US
[71] HOLOBIOME, INC., US
[85] 2021-07-09
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[51] **Int.Cl. B26D 1/03 (2006.01) B26D 3/26 (2006.01) B26D 7/06 (2006.01) B26D 7/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ADJUSTING THE CUTTING THICKNESS OF A FOOD CUTTING APPARATUS**
[54] **APPAREIL ET PROCEDE D'AJUSTEMENT DE L'EPAISSEUR DE COUPE D'UN APPAREIL DE DECOUPE DE DENREES ALIMENTAIRES**
[72] BARBER, KEITH A., US
[72] RUEGG, RICHARD J., US
[71] FRITO-LAY NORTH AMERICA, INC., US
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[51] **Int.Cl. B65D 3/02 (2006.01)**
[25] EN
[54] **PROCEDURE, MODELS OF FLEXIBLE CONTAINERS AND MACHINE TO GENERATE AND SEAL FLEXIBLE CONTAINER FLAPS**
[54] **PROCEDE ET MACHINE POUR PRODUIRE ET SCELLER DES RABATS D'EMBALLAGES SOUPLES, ET MODELES VARIES D'EMBALLAGES PLUS 3D SOUPLES**
[72] LOPEZ-AROSTEGUI SAENZ, GUILLERMO, ES
[71] LOPEZ-AROSTEGUI SAENZ, GUILLERMO, ES
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[87] (WO2020/148537)
[30] GB (1900729.3) 2019-01-18

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[54] **COMPOSITIONS AND METHODS FOR ISOLATING CELL-FREE DNA**
[54] **COMPOSITIONS ET METHODES POUR ISOLER DE L'ADN ACELLULAIRE**
[72] KENNEDY, ANDREW, US
[72] JAIMOVICH, ARIEL, US
[72] SCHULTZ, MATTHEW, US
[72] GREENLEAF, WILLIAM J., US
[71] GUARDANT HEALTH, INC., US
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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **AAV GENE THERAPY FOR TREATING NEPHROTIC SYNDROME**
[54] **THERAPIE GENIQUE A BASE DE VAA POUR LE TRAITEMENT DU SYNDROME NEPHROTIQUE**
[72] SALEEM-UDDIN, MOIN AHSON, GB
[72] WELSH, GAVIN IAIN, GB
[71] THE UNIVERSITY OF BRISTOL, GB
[85] 2021-07-12
[86] 2020-01-17 (PCT/GB2020/050097)
[87] (WO2020/148548)
[30] GB (1900702.0) 2019-01-18

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[51] **Int.Cl. C07K 14/725 (2006.01) A61K 35/17 (2015.01)**
[25] EN
[54] **RECEPTORS PROVIDING TARGETED COSTIMULATION FOR ADOPTIVE CELL THERAPY**
[54] **RECEPTEURS FOURNISSANT UNE COSTIMULATION CIBLEE POUR UNE THERAPIE CELLULAIRE ADOPTIVE**
[72] BRIDGEMAN, JOHN, GB
[72] HAWKINS, ROBERT, GB
[71] INSTIL BIO (UK) LIMITED, GB
[85] 2021-07-12
[86] 2020-01-20 (PCT/GB2020/050120)
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[51] **Int.Cl. C07K 14/80 (2006.01) A61K 31/00 (2006.01) A61K 38/00 (2006.01) A61P 35/04 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING RESISTANT AND RECURRENT FORMS OF CANCER**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE FORMES DE CANCER RESISTANTES ET RECURRENTES**
[72] CHANDRA, DHYAN, US
[72] KUMAR, RAHUL, US
[72] YADAV, NEELU, US
[71] HEALTH RESEARCH, INC., US
[85] 2021-07-09
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[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/0483 (2013.01) G06F 3/048 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **VISUALLY INDICATING ON A USER INTERFACE LENGTHS, TYPES OF CONTENT, STRUCTURE AND CURRENT USER LOCATION WITHIN A CORPUS OF ELECTRONIC CONTENT**
[54] **INDICATION VISUELLE, SUR INTERFACE UTILISATEUR, DE LONGUEURS, DE TYPES DE CONTENUS, DE STRUCTURE ET D'EMPLACEMENT ACTUEL D'UTILISATEUR, AU SEIN D'UN CORPUS DE CONTENUS ELECTRONIQU ES**
[72] PACE, MICHAEL, US
[72] BECKLEY, ADAM, US
[72] SMITH, PAUL, US
[72] VLASSAREV, LAURA, US
[72] SCHNEIDER, EMILY, US
[71] PEARSON EDUCATION, INC., US
[85] 2021-07-09
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[30] US (16/244,692) 2019-01-10

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[51] **Int.Cl. E21B 21/01 (2006.01) E21B 19/16 (2006.01) E21B 27/00 (2006.01)**
[25] EN
[54] **FLUID COLLECTING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE COLLECTE DE FLUIDE**
[72] PATON, MARK, GB
[71] SUB-DRILL SUPPLY LIMITED, GB
[85] 2021-07-12
[86] 2020-03-02 (PCT/GB2020/050499)
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[51] **Int.Cl. B01L 3/00 (2006.01) B01J 19/06 (2006.01) G01N 27/447 (2006.01)**
[25] EN
[54] **NON FOULING COMPOSITIONS AND METHODS FOR MANIPULATING AND PROCESSING ENCAPSULATED DROPLETS**
[54] **COMPOSITIONS ANTI-ENCRASSEMENT ET PROCEDES DE MANIPULATION ET DE TRAITEMENT DE GOUTTELETTES ENCAPSULEES**
[72] CERVANTES, EDUARDO, US
[72] JEBRAIL, MAIS JEHAN, US
[71] MIROCULUS INC., US
[85] 2021-07-09
[86] 2020-01-31 (PCT/US2020/016292)
[87] (WO2020/160520)
[30] US (62/799,734) 2019-01-31

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[51] **Int.Cl. G06N 5/04 (2006.01) G06N 3/00 (2006.01) G06N 5/02 (2006.01)**
[25] EN
[54] **CARBON MONOXIDE PURGE SYSTEM FOR A PROPERTY**
[54] **SYSTEME DE PURGE DE MONOXYDE DE CARBONE POUR UNE PROPRIETE**
[72] EUBANKS, DANA, US
[72] SCANLON, ANDREW, US
[72] MADDEN, DONALD, US
[71] OBJECTVIDEO LABS, LLC, US
[85] 2021-07-09
[86] 2020-01-08 (PCT/US2020/012717)
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[30] US (62/790,521) 2019-01-10

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[51] **Int.Cl. H04L 9/08 (2006.01) G06Q 20/36 (2012.01)**
[25] EN
[54] **OFFLINE INTERCEPTION-FREE INTERACTION WITH A CRYPTOCURRENCY NETWORK USING A NETWORK-DISABLED DEVICE**
[54] **INTERACTION HORS LIGNE SANS INTERCEPTION AVEC UN RESEAU DE CRYPTOMONNAIE A L'AIDE D'UN DISPOSITIF HORS RESEAU**
[72] VANHAM, EDOUARD, BE
[72] MERRE, RUBEN, BE
[72] HENDRICKX, XAVIER, BE
[72] MEYBOSCH, JEROEN, BE
[71] NGRAVE.IO NV, BE
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[54] **VARIABLE SIZE COILED TUBING COUNTER**
[54] **COMPTEUR DE TUBES SPIRALES DE TAILLES VARIABLES**
[72] BEHRENS, RANDALL DEAN, US
[71] PREMIER COIL SOLUTIONS, INC., US
[85] 2021-07-09
[86] 2020-01-08 (PCT/US2020/012784)
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[51] **Int.Cl. F24C 15/20 (2006.01)**
[25] EN
[54] **COOKING POLLUTANT CONTROL METHODS DEVICES AND SYSTEMS**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE CONTROLE DE POLLUANTS DE CUISSON**
[72] SCHROCK, DEREK W., US
[72] LIVCHAK, ANDREY V., US
[72] PARVIN, FUOAD A., US
[71] OY HALTON GROUP LTD., FI
[85] 2021-07-09
[86] 2020-02-05 (PCT/US2020/016738)
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[30] US (62/801,276) 2019-02-05
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[54] **LONG-TERM OFFLINE MANAGEMENT OF CRYPTOGRAPHIC PARAMETERS**
[54] **GESTION HORS LIGNE A LONG TERME DE PARAMETRES CRYPTOGRAPHIQUES**
[72] VANHAM, EDOUARD, BE
[72] MERRE, RUBEN, BE
[72] HENDRICKX, XAVIER, BE
[72] MEYBOSCH, JEROEN, BE
[71] NGRAVE.IO NV, BE
[85] 2021-07-12
[86] 2020-01-17 (PCT/EP2020/051152)
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[54] **METHOD AND SYSTEM FOR CUSTOMIZING END USER GAMING EXPERIENCE**
[54] **PROCEDE ET SYSTEME POUR PERSONNALISER UNE EXPERIENCE DE JEU D'UTILISATEUR FINAL**
[72] MCKINLAY, CHRIS, US
[72] PFEIL, GREG, US
[72] GOLDOBIN, STAS, US
[72] SELCHAU-HANSEN, CHRISTIAN, US
[71] FORMATION, INC., US
[85] 2021-07-09
[86] 2020-02-18 (PCT/US2020/018601)
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[25] EN
[54] **PROCESS FOR PREPARING INDIVIDUAL CELLULOSE NANOCRYSTALS, AND CELLULOSE NANOCRYSTALS AND USE THEREOF**
[54] **PROCEDE DE PREPARATION DE NANOCRISTAUX INDIVIDUELS DE CELLULOSE AINSI QUE NANOCRISTAUX DE CELLULOSE ET LEUR UTILISATION**
[72] ABUSHAMMALA, HATEM, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2021-07-12
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[54] **BINDER COMPOSITION FOR FIBERGLASS**
[54] **COMPOSITION DE LIANT POUR FIBRE DE VERRE**
[72] HERNANDEZ, EDGARDO M., US
[72] MCALVIN, JOHN, US
[72] BEEBE, MICHAEL, US
[71] AOC, LLC, US
[71] HERNANDEZ, EDGARDO M., US
[71] MCALVIN, JOHN, US
[71] BEEBE, MICHAEL, US
[85] 2021-07-09
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[54] **SYSTEMS AND METHODS FOR ANALYSIS OF SURGICAL VIDEOS**
[54] **SYSTEMES ET PROCEDES D'ANALYSE DE VIDEOS CHIRURGICALES**
[72] WOLF, TAMIR, US
[72] ASSELMANN, DOTAN, IL
[71] THEATOR INC., US
[85] 2021-07-09
[86] 2020-02-20 (PCT/US2020/019050)
[87] (WO2020/172414)
[30] US (62/808,500) 2019-02-21
[30] US (62/808,512) 2019-02-21
[30] US (62/838,066) 2019-04-24
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[25] EN
[54] **POWDERS BASED ON NIOBIUM-TIN COMPOUNDS FOR PRODUCING SUPERCONDUCTIVE COMPONENTS**
[54] **POUDRES A BASE DE COMPOSES NIOBIUM-ETAIN POUR LA FABRICATION D'ELEMENTS SUPRACONDUCTEURS**
[72] BRUMM, HOLGER, DE
[72] WEINMANN, MARKUS, DE
[72] SCHNITTER, CHRISTOPH, DE
[71] TANIOBIS GMBH, DE
[85] 2021-07-12
[86] 2020-02-05 (PCT/EP2020/052819)
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[25] EN
[54] **AUTONOMOUS MOBILE DELIVERY ROBOT AND CHAIN OF CUSTODY SYSTEM**
[54] **ROBOT DE LIVRAISON MOBILE AUTONOME ET CHAINE DE SYSTEME DE GARDE**
[72] MELANSON, ANTHONY, US
[72] LIST, RYAN, US
[72] ALLEN, SPENCER, US
[72] STROPKAY, SCOTT E., US
[72] CHAMORRO, ANDRES, III, US
[72] MATTHEWS, MARK C., US
[72] NYE LEGG, ASHLEY JAMES, US
[71] ST ENGINEERING AETHON, INC., US
[85] 2021-07-09
[86] 2020-01-10 (PCT/US2020/013025)
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[25] EN
[54] **POWDERS BASED ON NIOBIUM-TIN COMPOUNDS FOR MANUFACTURING SUPERCONDUCTING COMPONENTS**
[54] **POUDRES A BASE DE COMPOSES NOBIUM-ETAIN POUR LA FABRICATION D'ELEMENTS SUPRACONDUCTEURS**
[72] BRUMM, HOLGER, DE
[72] HAAS, HELMUT, DE
[72] SCHNITTER, CHRISTOPH, DE
[71] TANIOBIS GMBH, DE
[85] 2021-07-12
[86] 2020-02-05 (PCT/EP2020/052826)
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[54] **TOWED ARRAY SUPERPOSITION TRACKER**
[54] **DISPOSITIF DE SUIVI DE SUPERPOSITION DE RESEAU REMORQUE**
[72] WILBY, ANDREW, US
[71] RAYTHEON COMPANY, US
[85] 2021-07-09
[86] 2020-03-04 (PCT/US2020/020948)
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[51] **Int.Cl. A61F 13/02 (2006.01) B23K 20/10 (2006.01) B26D 7/08 (2006.01) B26F 1/24 (2006.01) B29C 65/08 (2006.01) B32B 3/26 (2006.01) B32B 27/08 (2006.01) B32B 27/28 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 27/34 (2006.01) B32B 27/36 (2006.01) B32B 27/40 (2006.01)**
[25] EN
[54] **PROCESS FOR INTRODUCING PERFORATIONS INTO LAMINATES COMPRISING SILICONE GELS**
[54] **PROCEDE D'INTRODUCTION DE PERFORATIONS DANS DES STRATIFIES COMPRENANT DES GELS DE SILICONE**
[72] JOHANNISON, ULF, SE
[71] MOLNLYCKE HEALTH CARE AB, SE
[85] 2021-07-12
[86] 2020-02-24 (PCT/EP2020/054735)
[87] (WO2020/173856)
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[51] **Int.Cl. H04N 21/242 (2011.01) H04H 20/18 (2009.01) H04H 20/44 (2009.01) H04N 21/414 (2011.01) H04N 21/43 (2011.01) H04N 21/488 (2011.01) H04N 21/81 (2011.01)**
[25] EN
[54] **AUGMENTING CONTENT FOR OVER-THE -AIR BROADCAST RADIO (AM OR FM) IN CONNECTED RADIO AND/OR ON MOBILE APPLICATIONS SYNCHRONIZED WITH OVER-THE-AIR BROADCAST RADIO**
[54] **AUGMENTATION DE CONTENU POUR RADIO A DIFFUSION PAR ONDES HERTZIENNES (AM OU FM) DANS UNE RADIO CONNECTEE ET/OU SUR DES APPLICATIONS MOBILES SYNCHRONISEES AVEC UNE RADIO A DIFFUSIO N PAR ONDES HERTZIENNES**
[72] HARB, JOSEPH, US
[71] HARB, JOSEPH, US
[85] 2021-07-09
[86] 2020-01-10 (PCT/US2020/013053)
[87] (WO2020/146716)
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[54] **STRIATED FIBER-BASED CONCRETE REINFORCEMENT**
[54] **RENFORCEMENT DE BETON A BASE DE FIBRES STRIEES**
[72] EL-TAWIL, SHERIF, US
[72] TAI, YUH-SHIOU, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2021-07-09
[86] 2020-01-10 (PCT/US2020/013058)
[87] (WO2020/146717)
[30] US (62/790,776) 2019-01-10

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[51] **Int.Cl. G09F 13/04 (2006.01)**
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[54] **LIGHT BOX AND LIGHT BOX GROUP THEREWITH**
[54] **BOITIER LUMINEUX ET GROUPE DE BOITIERS LUMINEUX ASSOCIE**
[72] ROBL, THOMAS, DE
[71] SLL SERVICE GMBH, DE
[85] 2021-07-12
[86] 2020-02-28 (PCT/EP2020/055278)
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[51] **Int.Cl. G16H 10/40 (2018.01) G16H 10/60 (2018.01) G16H 20/10 (2018.01) G16H 20/70 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSESSING AND EVALUATING RENAL HEALTH DIAGNOSIS, STAGING, AND THERAPY RECOMMENDATION**
[54] **SYSTEMES ET METHODES D'ESTIMATION ET D'EVALUATION DE DIAGNOSTIC DE SANTE RENALE, DE STADIFICATION ET DE RECOMMANDATION DE THERAPIE**
[72] CHIOFOLO, CAITLYN MARIE, US
[72] CHBAT, NICOLAS WADIH, US
[71] QUADRUS MEDICAL TECHNOLOGIES, INC., US
[85] 2021-07-09
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[30] US (62/791,324) 2019-01-11
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[51] **Int.Cl. A24F 47/00 (2020.01) A24D 1/20 (2020.01) A24D 3/02 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING ARTICLE COMPRISING A HOLLOW TUBULAR SUPPORT ELEMENT**
[54] **ARTICLE DE GENERATION D'AEROSOL COMPRENANT UN ELEMENT DE SUPPORT TUBULAIRE CREUX**
[72] PAPAKYRILLOU, STEFANOS, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2021-07-12
[86] 2020-04-03 (PCT/EP2020/059684)
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[51] **Int.Cl. A47D 7/02 (2006.01) A47D 9/00 (2006.01)**
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[54] **HANDLE ADJUSTMENT MECHANISM AND CHILD CRIB THEREWITH**
[54] **MECANISME DE REGLAGE DE POIGNEE ET BERCEAU D'ENFANT DOTE DE CE DERNIER**
[72] HU, JUN-JIE, CN
[71] WONDERLAND SWITZERLAND AG, CH
[85] 2021-07-12
[86] 2020-11-13 (PCT/EP2020/082048)
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[30] CN (201911124105.7) 2019-11-15

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[51] **Int.Cl. A61B 50/13 (2016.01) A61B 50/15 (2016.01)**
[25] EN
[54] **APPLIANCE FOR THE TRANSPORT OF BIOMEDICAL DEVICES**
[54] **APPAREIL POUR LE TRANSPORT DE DISPOSITIFS BIOMEDICAUX**
[72] PETRALIA, ANTONIO, IT
[72] GHELLI, NICOLA, IT
[72] FONTANILI, PAOLO, IT
[72] PEDERZOLI, ALBERTO, IT
[71] EUROSETS S.R.L., IT
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[25] EN
[54] **PROSTATE NEOANTIGENS AND THEIR USES**
[54] **NEO-ANTIGENES DE LA PROSTATE ET LEURS UTILISATIONS**
[72] BACHMAN, KURTIS E., US
[72] BHARGAVA, VIPUL, US
[72] DAVIS, DARRYL L., US
[72] KRISHNA, VINOD, US
[72] LEONI, GUIDO, IT
[72] POCALYKO, DAVID, US
[72] SAFABAKHSH, PEGAH, US
[72] SEPULVEDA, MANUEL, US
[72] SIEGEL, DERICK, US
[72] GOTTARDIS, MARCO, US
[71] JANSSEN BIOTECH, INC., US
[85] 2021-07-12
[86] 2020-01-09 (PCT/IB2020/050145)
[87] (WO2020/144615)
[30] US (62/790,673) 2019-01-10
[30] US (62/851,273) 2019-05-22
[30] US (62/883,786) 2019-08-07
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[51] **Int.Cl. G01M 11/02 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD OF DETERMINING ONE OR MORE PARAMETERS OF A LENS**
[54] **APPAREIL, SYSTEME ET PROCEDE DE DETERMINATION D'UN OU PLUSIEURS PARAMETRES D'UNE LENTILLE**
[72] KITTENPLON, YAIR, IL
[72] ZLOTNIK, ALEXANDER, IL
[72] MAGAL, NADAV, IL
[72] BREGMAN AMITAI, ORNA, IL
[72] GOLDSHTAIN, HADAS, IL
[72] LIMON, OFER, IL
[71] 6 OVER 6 VISION LTD., IL
[85] 2021-07-12
[86] 2020-01-09 (PCT/IB2020/050150)
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[30] US (62/790,614) 2019-01-10

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[51] **Int.Cl. C01B 3/02 (2006.01) C25B 1/04 (2021.01)**
[25] EN
[54] **METHOD OF PRODUCING HYDROGEN**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE**
[72] DAWSON, JIN, US
[72] DAWSON, MATTHEW, US
[72] FARANDOS, NICHOLAS, US
[71] UTILITY GLOBAL, INC., US
[85] 2021-07-09
[86] 2020-01-10 (PCT/US2020/013129)
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[30] US (62/875,437) 2019-07-17
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[30] US (62/798,344) 2019-01-29
[30] US (62/955,443) 2019-01-31
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[30] US (62/819,374) 2019-03-15
[30] US (62/824,229) 2019-03-26
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[30] US (62/827,800) 2019-04-01
[30] US (62/834,531) 2019-04-16
[30] US (62/837,089) 2019-04-22
[30] US (62/839,587) 2019-04-26
[30] US (62/840,381) 2019-04-29
[30] US (62/844,127) 2019-05-07
[30] US (62/844,126) 2019-05-07
[30] US (62/847,472) 2019-05-14
[30] US (62/849,269) 2019-05-17
[30] US (62/852,045) 2019-05-23
[30] US (62/856,736) 2019-06-03
[30] US (62/863,390) 2019-06-19
[30] US (62/864,492) 2019-06-20
[30] US (62/866,758) 2019-06-26
[30] US (62/869,322) 2019-07-01
[30] US (62/877,699) 2019-07-23
[30] US (62/888,319) 2019-08-16
[30] US (62/895,416) 2019-09-03
[30] US (62/896,466) 2019-09-05
[30] US (62/899,087) 2019-09-11
[30] US (62/904,683) 2019-09-24
[30] US (62/912,626) 2019-10-08
[30] US (62/925,210) 2019-10-23
[30] US (62/927,627) 2019-10-29
[30] US (62/928,326) 2019-10-30
[30] US (16/674,629) 2019-11-05
[30] US (16/674,657) 2019-11-05
[30] US (16/674,695) 2019-11-05
[30] US (16/674,580) 2019-11-05
[30] US (16/680,770) 2019-11-12
[30] US (62/934,808) 2019-11-13
[30] US (16/684,838) 2019-11-15
[30] US (16/684,864) 2019-11-15
[30] US (16/693,271) 2019-11-23
[30] US (62/941,358) 2019-11-27
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[54] **NOVEL SUBSTITUTED SULFONYLUREA DERIVATIVES**
[54] **NOUVEAUX DERIVES DE SULFONYLUREES SUBSTITUES**
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[72] AGARWAL, SAMEER, IN
[71] CADILA HEALTHCARE LIMITED, IN
[85] 2021-07-12
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[54] **COMPOUND FOR INHIBITING PGE2/EP4 SIGNALING TRANSDUCTION INHIBITING, PREPARATION METHOD THEREFOR, AND MEDICAL USES THEREOF**
[54] **COMPOSE INHIBANT LA TRANSDUCTION DU SIGNAL PGE2/EP4, SON PROCEDE DE PREPARATION ET SES APPLICATIONS THERAPEUTIQUES**
[72] DENG, YONGQI, CN
[72] SUN, JIAN, CN
[71] KEYTHERA (SUZHOU) PHARMACEUTICALS CO. LTD., CN
[85] 2021-07-12
[86] 2020-01-16 (PCT/CN2020/072487)
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[54] **SYSTEMS AND METHODS OF PROCESSING DIVERSE DATA SETS WITH A NEURAL NETWORK TO GENERATE SYNTHESIZED DATA SETS FOR PREDICTING A TARGET METRIC**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE DIVERS ENSEMBLES DE DONNEES AVEC UN RESEAU NEURONAL POUR GENERER DES ENSEMBLES DE DONNEES SYNTHETISEES POUR PREDIRE UNE METRIQUE CIBLE**
[72] HAMILTON, DOUGLAS, US
[71] NASDAQ, INC., US
[85] 2021-07-09
[86] 2020-01-16 (PCT/US2020/013784)
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[30] US (62/792,937) 2019-01-16
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[54] **THE EMBODIMENTS OF THE INVENTION FOR WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS**
[54] **BAGUETTE DE LEVITATION ECLAIREE**
[72] SCHLAPIK, KEVIN D., US
[71] SCHLAPIK, KEVIN D., US
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[54] **DISPOSITIF DE MONTAGE DE FLECHE DE MACHINE DE CONSTRUCTION**
[72] WADA, ICHIRO, JP
[72] MIYANO, YUKIO, JP
[71] KOBELCO CONSTRUCTION MACHINERY CO., LTD., JP
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[54] **CERAMIC FOAMS, METHODS OF MAKING SAME, AND USES THEREOF**
[54] **MOUSSES CERAMIQUES, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] REN, SHENQIANG, US
[72] YANG, RUIZHE, US
[72] CHAI, BINBO, US
[72] HU, FENG, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
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[54] **COLLECTE DE MATIERES GRASSES, D'HUILES ET DE GRAISSES**
[72] CLEMES, CHRISTOPHER CHARLES, GB
[71] ECO CLARITY LTD., GB
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[54] **NANOPARTICULE PEPTIDIQUE AUTO-ASSEMBLEE ET UTILISATION ASSOCIEE**
[72] WANG, RONGFU, US
[72] WANG, YICHENG, US
[72] ZHU, MOTAO, US
[72] ZHAO, RUIFANG, CN
[71] THE METHODIST HOSPITAL, US
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[54] **IMAGE DECODING METHOD USING RESIDUAL INFORMATION IN IMAGE CODING SYSTEM, AND DEVICE FOR SAME**
[54] **PROCEDE DE DECODAGE D'IMAGE A L'AIDE D'INFORMATIONS RESIDUELLES DANS UN SYSTEME DE CODAGE D'IMAGE ET DISPOSITIF ASSOCIE**
[72] CHOI, JUNGAH, KR
[72] LIM, JAEHYUN, KR
[72] HEO, JIN, KR
[72] YOO, SUNMI, KR
[72] LI, LING, KR
[72] CHOI, JANGWON, KR
[72] KIM, SEUNGHWAN, KR
[71] LG ELECTRONICS INC., KR
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[54] **APPAREIL POUR LE SUPPORT DE DISPOSITIFS BIOMEDICAUX PENDANT UNE CIRCULATION EXTRACORPORELLE**
[72] PETRALIA, ANTONIO, IT
[72] GHELLI, NICOLA, IT
[72] FONTANILI, PAOLO, IT
[72] ZERBINI, ALESSANDRO, IT
[71] EUROSETS S.R.L., IT
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[54] **COMPOSITION PREBIOTIQUE ET SON UTILISATION**
[72] MORRISON, NEIL A., US
[72] YU, HAILONG, US
[72] ABDOU, JOHN P., US
[72] MANJUNATHA, NARAYANA MURTHY, US
[72] TALASHEK, TODD A., US
[71] CP KELCO U.S., INC., US
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[54] **CIRCUIT D'AMPLIFICATEUR NON INVERSEUR POUR UN DISPOSITIF DE DISTRIBUTION EN AEROSOL**
[72] SUR, RAJESH, US
[71] RAI STRATEGIC HOLDINGS, INC., US
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[54] **METHOD FOR PROTECTING PRIVACY ON MOBILE COMMUNICATION DEVICE**
[54] **PROCEDE DE PROTECTION DE CONFIDENTIALITE SUR DISPOSITIF DE COMMUNICATION MOBILE**
[72] SANTOS, FERNANDO, US
[72] AUBERT, JARRYD GREGORY FELIX, US
[72] RUNCIMAN, SCOTT ANDREW, US
[72] GALLACHER, SHERYL, US
[71] JPMORGAN CHASE BANK, N.A., US
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[54] **AEROSOL DELIVERY DEVICE WITH A BUCK-BOOST REGULATOR CIRCUIT**
[54] **DISPOSITIF DE DISTRIBUTION D'AEROSOL AVEC UN CIRCUIT REGULATEUR ABAISSEUR-ELEVATEUR**
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[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2021-07-12
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[54] **ENSEMBLE ELECTRODE ET PROCEDES**
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[71] BAYMATOB PTY LTD, AU
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[54] **METHOD AND SYSTEM FOR MAPPING A DATASET FROM A HILBERT SPACE OF A GIVEN DIMENSION TO A HILBERT SPACE OF A DIFFERENT DIMENSION**
[54] **PROCEDE ET SYSTEME DE MAPPAGE D'UN ENSEMBLE DE DONNEES D'UN ESPACE DE HILBERT D'UNE DIMENSION DONNEE A UN ESPACE DE HILBERT D'UNE DIMENSION DIFFERENTE**
[72] VEDAIE, SEYED SHAKIB, CA
[72] ZAHEDINEJAD, EHSAN, CA
[72] GHOBADI, ROOHOLLAH, CA
[72] CRAWFORD, DANIEL JR., CA
[72] OBEROI, JASPREET S., CA
[72] SINGH, INDERPREET, CA
[72] NOORI, MOSLEM, CA
[71] 1QB INFORMATION TECHNOLOGIES INC., CA
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[54] **METHODS OF TERPENE PROFILING CANNABIS PLANT MATERIAL**
[54] **METHODES DE PROFILAGE DE TERPENE DE MATERIEL VEGETAL DE CANNABIS**
[72] ELKINS, AARON CHRISTOPHER, AU
[72] ROCHFORT, SIMONE JANE, AU
[72] COGAN, NOEL, AU
[72] SPANGENBERG, GERMAN CARLOS, AU
[72] KRILL, CHRISTIAN, AU
[71] AGRICULTURE VICTORIA SERVICES PTY LTD, AU
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[54] **A COMPRESSED GAS ENERGY STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE D'ENERGIE DE GAZ COMPRIME**
[72] LEWIS, CAMERON, CA
[72] MCGILLIS, ANDREW, CA
[71] HYDROSTOR INC., CA
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[25] EN
[54] **HYBRID-ENERGY APPARATUS, SYSTEM, AND METHOD THEREFOR**
[54] **APPAREIL A ENERGIE HYBRIDE, SYSTEME ET PROCEDE ASSOCIE**
[72] PAHLEVANINEZHAD, MAJID, CA
[72] ABDALI, IMAN, CA
[72] HAJEBRAHIMI, HADIS, CA
[72] KAVIRI, SAJJAD, CA
[72] PAHLEVANINEZHAD, HAMID, CA
[72] POORALI, BEHZAD, CA
[72] RAHMATI, MOHAMMAD, CA
[72] SCHERWITZ, SAM, CA
[72] SHAHANLIZAD, AFSHIN, CA
[71] 10644137 CANADA INC., CA
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[54] **METHOD AND APPARATUS FOR INVOKING APPLICATION PROGRAMMING INTERFACE**
[54] **PROCEDE ET DISPOSITIF D'APPEL D'INTERFACE DE PROGRAMME D'APPLICATION**
[72] GE, CUILI, CN
[72] YANG, YANMEI, CN
[72] WU, YIZHUANG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CYCLOSPORIN ANALOG AND USE THEREOF**
[54] **ANALOGUE DE CYCLOSPORINE ET SON UTILISATION**
[72] MAK, CHING PONG, CN
[72] ZENG, LI, CN
[72] YU, SHENGQIANG, CN
[72] PEEL, MICHAEL ROBERT, GB
[72] FLIRI, HANS GEORG, GB
[71] FARSIGHT MEDICAL TECHNOLOGY (SHANGHAI) CO., LTD., CN
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[25] EN
[54] **INTERNAL CYCLIC SULPHIAMIDINE AMIDE-ARYL AMIDE COMPOUND AND USE THEREOF FOR TREATING HEPATITIS B**
[54] **COMPOSE AMIDE ARYLAMIDE CYCLIQUE INTERNE DE SULPHIAMIDINE ET SON UTILISATION DANS LE TRAITEMENT DE L'HEPATITE B**
[72] WANG, ZHE, CN
[72] ZENG, ZHIHONG, CN
[72] ZHANG, LEI, CN
[71] SHANGHAI LONGWOOD BIOPHARMACEUTICALS CO., LTD., CN
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[54] **PROCEDE DE COMMUNICATION, ET DISPOSITIF RESEAU**
[72] HU, XINGXING, CN
[72] PENG, WENJIE, CN
[72] ZHANG, HONGPING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **BETA-LACTAM COMPOUNDS OR SALTS THEREOF FOR USE IN LONG-ACTING PREVENTION OR TREATMENT OF A GLUCOSE METABOLISM DISORDER**
[54] **COMPOSES DE BETA-LACTAME OU LEURS SELS DESTINES A ETRE UTILISES DANS LA PREVENTION OU LE TRAITEMENT A ACTION PROLONGEE D'UN TROUBLE DU METABOLISME DU GLUCOSE**
[72] LEE, FENG LIN, CN
[72] LIN, LUNG JR, CN
[72] HSU, JYH SHING, CN
[72] HSU, CHENG HSIEN, CN
[72] HUANG, YEN CHUN, CN
[72] HUANG, YA CHIEN, CN
[72] LO, CHUN TSUNG, CN
[72] LIAO, HUI FANG, CN
[72] LIU, YU WEN, CN
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[71] GLYCOLYSIS BIOMED CO., LTD, CN
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[72] HUANG, YANGQING, CN
[72] SONG, YUNSONG, CN
[71] BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD., CN
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[54] **SYSTEME ET PROCEDE DE REALISATION D'UNE EXPERIENCE BIOLOGIQUE AVEC COMMANDE CYBERNETIQUE ADAPTATIVE DES CONDITIONS PROCEDURALES**
[72] BITTNER, MARTIN-IMMANUEL, GB
[72] FLEMING, THOMAS ADAM, GB
[72] ROWORTH, ALICE POPPY, GB
[71] ARCTORIS LIMITED, GB
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[71] SHARP KABUSHIKI KAISHA, JP
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[54] **ANIMAUX NON HUMAINS QUI PRODUISENT DES PROTEINES DE LIAISON MONODOMAINE**
[72] GURER, CAGAN, US
[72] MACDONALD, LYNN, US
[72] MCWHIRTER, JOHN, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **PROCEDES ET DISPOSITIFS DE FILIGRANAGE AUDIO ET DE DETECTION ET D'EXTRACTION DE FILIGRANES**
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[72] TOPCHY, ALEXANDER PAVLOVICH, US
[71] THE NIELSEN COMPANY (US), LLC, US
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[54] **RECUPERATION D'HYDROCARBURES A DEUX COLONNES A PARTIR DE FLUX DE RECUPERATION DE PETROLE ASSISTEE PAR DIOXYDE DE CARBONE**
[72] PRIM, ERIC, US
[71] PILOT ENERGY SOLUTIONS, LLC, US
[22] 2016-06-02
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[54] **VACCINE COMPOSITIONS AND METHODS FOR RESTORING NKG2D PATHWAY FUNCTION AGAINST CANCERS**
[54] **COMPOSITIONS VACCINALES ET METHODES POUR RETABLIR LA FONCTION DE LA VOIE NKG2D CONTRE LES CANCERS**
[72] DRANOFF, GLENN, US
[72] WUCHERPFENNING, KAI W., US
[72] HARVEY, CHRISTOPHER, US
[72] HODI, F. STEPHEN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **ELECTRONIC CERTIFICATE-BASED TRANSACTION SYSTEM**
[54] **SYSTEME DE TRANSACTION A BASE DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[22] 2014-09-12
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[62] 2,997,804

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[54] **SYSTEME DE TRANSACTION A BASE DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
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[54] **ELECTRONIC CERTIFICATE-BASED TRANSACTION SYSTEM**
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[71] 10353744 CANADA LTD., CA
[22] 2014-09-12
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[54] **ELECTRONIC CERTIFICATE-BASED TRANSACTION SYSTEM**
[54] **SYSTEME DE TRANSACTION A BASE DE CERTIFICAT ELECTRONIQUE**
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[71] 10353744 CANADA LTD., CA
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[54] **SYSTEME ET PROCEDE DE PULVERISATION ROTATIVE ET D'ARTICULATION A AXES MULTIPLES**
[72] ZILAI, MICHAEL SHAWN, US
[72] CAMP, CHARLES HORACE, JR., US
[71] TRINITY BAY WORX, LLC, US
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[54] **CLIVAGE D'ADN DIRIGE PAR ARN PAR LE COMPLEXE CAS9-ARNCR**
[72] SIKSNYS, VIRGINIJUS, LT
[72] GASIUNAS, GIEDRIUS, LT
[72] KARVELIS, TAUTVYDAS, LT
[72] LUBYS, ARVYDAS, LT
[72] ZALIAUSKIENE, LOLITA, LT
[72] GLEMZAITE, MONIKA, LT
[72] SMITH, ANJA, US
[71] VILNIUS UNIVERSITY, LT
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[54] **GENES MUTES IMPLIQUES DANS L'AMELIORATION DE LA PRODUCTIVITE D'ETHANOL PAR FERMENTATION D'ETHANOL ET PROCEDE DE PRODUCTION D'ETHANOL LES UTILISANT**
[72] ITO, JUNJI, JP
[72] ONISHI, TORU, JP
[72] TADA, NOBUKI, JP
[72] HIRAO, RIE, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[62] 3,081,833
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[54] **APPAREIL ET SYSTEMES DE DISSECTION MINIMALEMENT INVASIVE DE TISSUS**
[72] WEBER, PAUL, CH
[71] WEBER, PAUL, CH
[22] 2017-03-23
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[54] **MANCHON RESISTANT A LA CORROSION**
[72] NEUMARK, RALF, DE
[72] JAEGAR, HANS-JUERGEN, DE
[72] ANSGAR, HAEGAR M., DE
[71] SAINT-GOBAIN PERFORMANCE PLASTICS PAMPUS GMBH, DE
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[54] **SYSTEMES ET PROCEDE DE SUIVI DE POSITION INTERIEURE ET DE VECTEUR**
[72] MOUNTZ, MICHAEL C., US
[71] KACCHIP, LLC, US
[22] 2018-12-03
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[54] **SYSTEMS AND METHODS FOR SPATIALLY SELECTIVE SPINAL CORD STIMULATION**
[54] **SYSTEMES ET METHODES POUR LA STIMULATION SELECTIVE DANS L'ESPACE DE LA COLONNE VERTEBRALE**
[72] ZHANG, TIANHE, US
[72] DOAN, QUE T., US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[22] 2017-08-23
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[54] **CAPSULE DE PORTION AVEC IDENTIFIANT**
[72] KRUGER, MARC, DE
[71] K-FEE SYSTEM GMBH, DE
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[54]
[72] HARMES V, CLYDE S., US
[72] HUTCHINSON, JAMES M. F., US
[71] WONDERLAND SWITZERLAND AG, CH
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[54] **WELLBORE CENTRALIZER**
[54] **CENTREUR DE PUITS DE FORAGE**
[72] ZHOU, SHAOHUA, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **LOW-VOLUME COAGULATION ASSAY**
[54]
[72] DAYEL, MARK, US
[72] ANEKAL, SAMARTHA, US
[72] PATEL, PAUL, US
[72] GIBBONS, IAN, US
[72] HOLMES, ELIZABETH, US
[71] THERANOS IP COMPANY, LLC, US
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[54] **VIDEO PREDICTION ENCODING AND DECODING DEVICES, METHODS, AND PROGRAMS WHICH ADAPTIVELY CONTROL THE SIZE OF THE FRAME MEMORY**
[54] **DISPOSITIFS DE CODAGE ET DE DECODAGE VIDEO PAR PREDICTION, METHODES ET PROGRAMMES QUI CONTROLENT DE FACON AJUSTABLE LA TAILLE DE LA MEMOIRE DE TRAME**
[72] FUJIBAYASHI, AKIRA, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[71] NTT DOCOMO, INC., JP
[22] 2013-04-24
[41] 2014-01-09
[62] 3,050,665
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[25] EN
[54] **PROCESS FOR MAKING 4-[CHLORO-N-HYDROXYCARBONIMIDOYL]PHENYL DERIVATIVE**
[54] **PROCEDE DE FABRICATION D'UN DERIVE DE 4-[CHLORO-N-HYDROXYCARBONIMIDOYL]PHENYLE**
[72] CHARRIER, JEAN-DAMIEN, GB
[72] STUDLEY, JOHN, GB
[72] PIERARD, FRANCOISE YVONNE THEODORA MARIE, GB
[72] DURRANT, STEVEN JOHN, GB
[72] LITTLER, BENJAMIN JOSEPH, GB
[72] HUGHES, ROBERT MICHAEL, GB
[72] SIESEL, DAVID ANDREW, GB
[72] ANGELL, PAUL, GB
[72] URBINA, ARMANDO, GB
[72] SHI, YI, GB
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
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[54] **VIDEO PREDICTION ENCODING AND DECODING DEVICES, METHODS, AND PROGRAMS WHICH ADAPTIVELY CONTROL THE SIZE OF THE FRAME MEMORY**
[54] **DISPOSITIFS DE CODAGE ET DE DECODAGE VIDEO PAR PREDICTION, METHODES ET PROGRAMMES QUI CONTROLENT DE FACON AJUSTABLE LA TAILLE DE LA MEMOIRE DE TRAME**
[72] FUJIBAYASHI, AKIRA, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[71] NTT DOCOMO, INC., JP
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[54] **BURST MODE NODE**
[54] **N.UD DE MODE DE SALVE**
[72] MARICEVIC, ZORAN, US
[72] MUTALIK, VENKATESH G., US
[72] SCHEMMANN, MARCEL, NL
[72] ULM, JOHN, US
[71] ARRIS ENTERPRISES LLC, US
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[62] 3,015,761
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[54] **DISPOSITIF A ECOULEMENT REDOX A HAUTE DENSITE D'ENERGIE**
[72] CARTER, WILLIAM CRAIG, US
[72] CHIANG, YET-MING, US
[72] DUDUTA, MIHAI, US
[72] LIMTHONGKUL, PIMPA, US
[71] 24M TECHNOLOGIES, INC., US
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[54]
[72] PARK, MICHAEL, US
[72] FRANK, CHRISTOPHER G., US
[72] ZENANKO, JUSTIN D., US
[72] LINBORG, BETH A., US
[72] PEYMAN, NAZMI, US
[72] GRUBE, KYLE, US
[72] HUNT, MATTHEW, US
[72] HILL, KATHY, US
[72] MOLNAR, GREGORY F., US
[71] SYNERFUSE, INC., US
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[54] **MICRONEEDLE PATCHES, SYSTEMS, AND METHODS**
[54] **TIMBRES A MICRO-AIGUILLES, SYSTEMES ET PROCEDES**
[72] HENRY, SEBASTIEN, US
[72] MCALLISTER, DEVIN, US
[72] NORMAN, JAMES J., US
[72] PRAUSNITZ, MARK, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[22] 2014-09-30
[41] 2015-04-02
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[30] US (61/884,396) 2013-09-30
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[72] JIANG, SHENG, US
[72] CARRANZA, ARTURO, US
[71] AFTON CHEMICAL CORPORATION, US
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[54] **INTERACTION ENTRE DES COMPOSES QUATERNAIRES ANTIMICROBIENS ET DES TENSIOACTIFS ANIONIQUES**
[72] MAN, VICTOR FUK-PONG, US
[72] ANDERSON, DERRICK R., US
[71] ECOLAB USA, INC., US
[22] 2017-02-28
[41] 2018-02-15
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[54] **AIRCRAFT LANDING GEAR ASSEMBLY WITH A GROUND LOCK**
[54]
[72] BENNETT, IAN ROBERT, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
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[54] **ENSEMBLE TRAIN D'ATTERRISSAGE D'AVION A BROCHE DE SECURITE**
[72] BENNETT, IAN ROBERT, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2014-08-29
[41] 2015-03-19
[62] 2,922,878
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[51] **Int.Cl. A61M 11/04 (2006.01) A61M 15/06 (2006.01) B01D 1/02 (2006.01)**
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[54] **ELECTRONIC VAPOUR PROVISION DEVICE WITH ABSORBENT ELEMENT**
[54] **DISPOSITIF ELECTRONIQUE DE FOURNITURE DE VAPEUR AVEC ELEMENT ABSORBANT**
[72] TRANI, MARINA, GB
[72] FRASER, RORY, GB
[72] GARNETT, CAROLYN, GB
[72] ROTHWELL, HOWARD, GB
[71] NICOVENTURES TRADING LIMITED, GB
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[54] **SHUNT FLUSHER**
[54] **DISPOSITIF DE RINCAGE DE DERIVATION**
[72] MADSEN, JOSEPH, US
[72] ANOR, TOMER, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
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[51] **Int.Cl. E04F 13/07 (2006.01)**
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[54] **PANEL SIDING PRODUCT**
[54] **PRODUIT DE PAREMENT EN PANNEAU**
[72] STEFFES, STEPHEN W., US
[72] SHAW, ROBERT D., US
[72] STUCKY, DAVID J., US
[72] KIRN, BRIAN W., US
[71] CERTAINTEED CORPORATION, US
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[25] EN
[54] **ZONED INSULATION GARMENT**
[54] **VETEMENT D'ISOLATION PAR ZONES**
[72] MONTOYA, ELESBAN, US
[72] SHEEHAN, REBECCA M., US
[72] STAUFFER, RAEGEN A., US
[72] ZOLMAN, CARMEN L., US
[71] NIKE INNOVATE C.V., US
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[54] **SHOWER DOOR GLASS PANE PACKAGING ASSEMBLY**
[54] **ENSEMBLE D'EMBALLAGE DE PANNEAU DE VERRE DE PORTE DE DOUCHE**
[72] LEMNIOS, CHRISTINE, US
[72] ZHANG, YINGHONG, US
[72] MATHERLY, JEANIE, US
[72] KLEIN, MATTHEW, US
[72] BOEHNEN, PATRICK, US
[72] HAWKINS, LAURA, US
[72] AUSTIN, JAMES ALLEN, III, US
[72] FORREST, EARL DAVID, US
[72] SCHULTZ, NATHANIEL FALTIN DUTTON, US
[72] TORRENCE, JUSTIN TERRELL, US
[71] LIBERTY HARDWARE MFG. CORP., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR TRAFFIC AGGREGATION ON MULTIPLE WAN BACKHAULS AND MULTIPLE DISTINCT LAN NETWORKS**
[54] **SYSTEMES ET PROCEDES D'AGREGATION DE TRAFIC SUR DE MULTIPLES LIAISONS TERRESTRES WAN ET DE MULTIPLES RESEAUX LAN DISTINCTS**
[72] CIOFFI, JOHN, US
[72] TEHRANI, ARDAVAN MALEKI, US
[72] RHEE, WONJONG, US
[72] CHOW, PETER, US
[72] KERPEZ, KENNETH J., US
[72] GALLI, STEFANO, US
[72] GOLDBURG, MARC, US
[72] BHAGAVATULA, RAMYA, US
[72] YUN, SUNGHO, US
[71] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC., US
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[54] **HAUT-PARLEUR COMPACT**
[72] FINCHAM, LAWRENCE R., US
[71] THX LTD, US
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[54] **MATERIAUX CHROMATOGRAPHIQUES POUR LE STOCKAGE ET LA DELIVRANCE D'AGENTS BIOLOGIQUES THERAPEUTIQUES ET DE PETITES MOLECULES**
[72] CHICKOSKY, JOHN A., US
[72] HONEYMAN, CHARLES H., CA
[72] RAGHEB, AMRO, CA
[72] MCGLAUGHLIN, MOLLY S., US
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[72] BARVE, RAKESH, IN
[72] WELLING, GIRISH, US
[72] ARAVAMUDAN, MURALI, US
[72] VENKATARAMAN, SASHIKUMAR, US
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[54] **HAPTENES, CONJUGUES D'HAPTENES, COMPOSITIONS ASSOCIEES ET METHODE DE PREPARATION ET UTILISATION ASSOCIEES**
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[72] FARRELL, MICHAEL, US
[72] JOHNSON, DONALD, US
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[72] RICHARDSON, ROSS, US
[72] ZABEL, NAOMI KALIA WILLIAMS, US
[72] DENG, DA, US
[72] GURSEL, METE, TR
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[72] DENHAM, NIALL CHRISTOPHER, GB
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[72] LEAHY, RONAN PATRICK, GB
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