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# Canadian Patent Office Record

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# THE CANADIAN PATENT OFFICE RECORD

# LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux 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 other than those concerning subscriptions or requests for single copies should be addressed.

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

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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

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# Notices

## 1. Dates and Code Numerals Appearing in Patent Headings

### Dates

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

### Code Numerals

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

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

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

# Avis

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

### Dates

Toutes dates figurant aux en-têtes 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 en-têtes 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), siège à Genève, Suisse.

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

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

## Avis

### 2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site at: [www.wipo.int/scit/en/standards/standards.htm](http://www.wipo.int/scit/en/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](http://www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting a 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

### 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.

### 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 à : [www.wipo.int/scit/fr/standards/standards.htm](http://www.wipo.int/scit/fr/standards/standards.htm).

### 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 au [www.strategis.ic.gc.ca/brevetscommande](http://www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

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

### 4. 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.

## Notices

### 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on 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 on request.

### 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.

### 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 10 of these notices.

### 8. List of Patents Available for Licence or Sale

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

**2,327,196**  
**2,419,035**

### 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. 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. 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. 10 des présents avis.

### 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.

**2,327,196**  
**2,419,035**

## Avis

### 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.

## Notices

### 11. PATENT COOPERATION TREATY (PCT)

#### SCHEDULE OF FEES APPLICABLE FROM JULY 26, 2004

1. <b>Transmittal Fee</b> (Rule 14)	<b>\$300</b>
2. * <b>International Filing Fee</b> (Rule 15.2(a))	<b>\$1489</b>
Amount for each additional sheet over 30	<b>\$16</b>
3. <b>International Search Fee</b>	<b>\$1600</b>

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 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 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.

#### 5. Late Payment Fee

50% of the fees that are due, or,  
Minimum: Transmittal Fee  
Maximum: International Filing Fee

Preliminary Examination

#### 6. Handling Fee (Rule 57.2(a))

**\$213**

#### 7. Preliminary Examination Fee (Rule 58)

**\$800**

Beginning July 26, 2004, Canada will become the International Searching Authority and International Preliminary Examining Authority for international applications filed by Canadian applicants.

\* International fees will be reduced by **\$106** for all applications filed using PCT-SAFE\*\*

\*\* PCT-SAFE is replacing PCT-EASY.

### 11. TRAITÉ DE COOPÉRATION EN MATIERE DE BREVETS (PCT)

#### BARÈME DE TAXES À PARTIR DU 26 JUILLET 2004

1. <b>Taxe de transmission</b> (Règle 14)	<b>300 \$</b>
2.* <b>Taxe de dépôt internationale</b> (Règle 15.2(a))	<b>1489 \$</b>
Montant pour chaque feuille au delà de 30	<b>16 \$</b>
3. <b>Taxe de recherche internationale</b>	<b>1600 \$</b>

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 du dépôt de la demande, (soit la date de réception de la demande internationale). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

#### 5. Taxe pour paiement tardif

50% du montant impayé, ou,  
Minimum : taxe de transmission  
Maximum : taxe de base

Examen préliminaire

#### 6. Taxe de traitement (Règle 57.2(a))

**213 \$**

#### 7. Taxe d'examen préliminaire (Règle 58)

**800 \$**

A partir du 26 juillet 2004, le Canada deviendra officiellement l'Autorité de Recherche Internationale et d'Examination Préliminaire International pour les demandes internationales déposées par les demandeurs canadiens.

\*Les frais seront réduits de **106 \$** pour toutes les demandes déposées en utilisant PCT-SAFE\*\*

\*\* PCT-SAFE remplacera PCT-EASY.

## Avis

### 12. PCT notices

#### PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten).

(See PCT -Applicant's Guide, <http://www.wipo.int>)

#### 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" at [publications.mail@wipo.int](mailto:publications.mail@wipo.int) or visit their Web site at <http://www.wipo.int>.

### 13. PRACTICE NOTICE

#### **STATUTORY HOLIDAYS (*DIES NON*)**

**Note:** This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) 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.

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) 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

### 12. Avis PCT

#### Exigences des signatures du PCT

Veuillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire.

(Voir le Guide du déposant du PCT, <http://www.wipo.int>)

#### 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 à [publications.mail@wipo.int](mailto:publications.mail@wipo.int) ou visiter leur site Web à <http://www.wipo.int>.

### 13. ÉNONCÉ DE PRATIQUE

#### **JOURS FÉRIÉS (*DIES NON*)**

**Nota :** Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) 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

## Notices

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.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, 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 they are properly entitled to any needed extension of the time limit.

### Time limits under the *Patent and Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

### Time limits 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 on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada 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. CIPO however takes no position as to whether such extensions would be recognized by other coun-

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 un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, 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.

### Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

### Délais prévus dans le 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 où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant où ces deux circonstances n'existe plus. »

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il

## Avis

tries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

### Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia:** 1st Monday in August (British Columbia Day)
- 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
- 5) **Ontario:** 1st Monday in August (Civic Holiday)
- 6) **Quebec:** June 24 (St. John the Baptist Day)
- 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
- 8) **Yukon:** 3rd Monday in August (Discovery Day)

When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

- 1) All Saturdays and Sundays
- 2) \*New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) \*St. John the Baptist Day (June 24)
- 7) \*Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) \*Remembrance Day (November 11)
- 11) \*Christmas Day (December 25)
- 12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

\*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

### Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
- 5) **Ontario :** 1er lundi d'août (congé statuaire)
- 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon :** 3e lundi d'août (Jour de la Découverte)

Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

- 1) Tous les samedi et dimanche
- 2) \*Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédent immédiatement le 25 mai
- 6) \*Saint-Jean-Baptiste (le 24 juin)
- 7) \*Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) \*Jour du souvenir (11 novembre)
- 11) \*Jour de Noël (25 décembre)
- 12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

\*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

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### 14. Updated Correspondence Procedures

Note: This practice notice is intended to provide guidance on current Canadian Intellectual Property 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.

***This notice replaces all previous notices concerning Correspondence Procedures of the Canadian Intellectual Property Office (CIPO).***

#### CIPO

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations (1996)*, section 2 of the *Copyright Regulations*, section 3 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 Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, 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  
Tel.: (819) 997-1727

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

#### Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations (1996)*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and paragraph 3(2)(b) 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 Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered:

- 1) Industry Canada  
C.D. Howe Building  
235 Queen Street, Room S-117  
Ottawa ON K1A 0H5  
Tel.: (613) 954-3584

### 14. Mise à jour des procédures de correspondance

Note : Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

***Cet avis remplace tous les avis antérieurs concernant les procédures de correspondance de l'Office de la propriété intellectuelle du Canada (OPIC).***

#### OPIC

Aux fins des articles 5 et 54 des *Règles sur les brevets*, l'article 3 du *Règlement sur les marques de commerce (1996)*, l'article 2 du *Règlement sur le droit d'auteur*, l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse qui suit correspond à celle du Bureau des brevets, du bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois dénommés collectivement « OPIC ») :

Office de la propriété intellectuelle du Canada  
Place du Portage I  
50, rue Victoria, bureau C-114  
Gatineau (Québec) K1A 0C9  
Tél. : (819) 997-1727

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée avoir été reçue le jour de la livraison.

#### Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce (1996)*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et de l'alinéa 3(2)b) du *Règlement sur les topographies de circuits intégrés*, les établissements désignés ou bureaux désignés où peut être livrée la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

- 1) Industrie Canada  
Édifice C.D. Howe  
235, rue Queen, bureau S-117  
Ottawa (Ontario) K1A 0H5  
Tél. : (613) 954-3584

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- 2) Industry Canada  
5 Place Ville-Marie, Suite 700  
Montreal QC H3B 2G2  
Tel.: (514) 496-1797  
Toll-free: 1-888-237-3037
- 3) Industry Canada  
151 Yonge Street, 4th Floor  
Toronto ON M5C 2W7  
Tel.: (416) 973-5000
- 4) Industry Canada  
Canada Place  
9700 Jasper Avenue, Suite 725  
Edmonton AB T5J 4C3  
Tel.: (780) 495-4782  
Toll-free: 1-800-461-2646
- 5) Industry Canada  
Library Square  
300 West Georgia Street, Suite 2000  
Vancouver BC V6B 6E1  
Tel.: (604) 666-5000

Correspondence<sup>1</sup> delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

### Registered Mail Service 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* (1996), subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and paragraph 3(2)(b) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence<sup>1</sup> delivered through the Registered Mail Service of Canada Post will be considered to be received on the date

<sup>1</sup> With the exception of correspondence addressed to the Office of the Registrar of Topographies

- 2) Industrie Canada  
5, Place Ville-Marie, bureau 700  
Montréal (Québec) H3B 2G2  
Tél. : (514) 496-1797  
Sans frais : 1-888-237-3037

- 3) Industrie Canada  
151, rue Yonge, 4e étage  
Toronto (Ontario) M5C 2W7  
Tél. : (416) 973-5000

- 4) Industrie Canada  
Canada Place  
9700, avenue Jasper, bureau 725  
Edmonton (Alberta) T5J 4C3  
Tél. : (780) 495-4782  
Sans frais : 1-800-461-2646

- 5) Industrie Canada  
Library Square  
300, rue Georgia Ouest, bureau 2000  
Vancouver (Colombie-Britannique) V6B 6E1  
Tél. : (604) 666-5000

La correspondance<sup>1</sup> livrée, pendant les heures normales d'ouverture, à l'un des établissements désignés figurant sur la liste ci-dessus, se verra attribuer la date de livraison à l'établissement désigné en question, seulement si à cette date l'OPIC est ouvert au public. Si à cette date l'OPIC est fermé au public, la correspondance livrée à l'établissement désigné en question se verra attribuer comme date de réception la date du jour de la réouverture de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer la date de réception du 24 juin puisque l'OPIC est fermé au public à cette date.

### Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce* (1996), du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et de l'alinéa 3(2)b) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement désigné ou bureau désigné auquel 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 livrée.

La correspondance<sup>1</sup> livrée par le service Courrier recommandé de Postes Canada se verra attribuer la date timbrée sur

<sup>1</sup> À l'exception de la correspondance adressée au Bureau du registraire des topographies

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stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

### Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6) and 54(5) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations (1996), subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 4(1) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile or on-line via CIPO's Web site only as provided below.

**The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence. Subsection 3(9) of the Trade-marks Regulations (1996) specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or on-line.**

Correspondence sent by facsimile or on-line to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered 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 open for business.

#### (a) Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

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

Additionally, for the purposes of opposition proceedings, and sections 44 and 45 of the *Trade-marks Act*, facsimile correspon-

l'enveloppe par Postes Canada, seulement si à cette date l'OPIC est ouvert au public. Si à cette date l'OPIC est fermé au public, le Courrier recommandé se verra attribuer comme date de réception la date du jour de la réouverture de l'OPIC.

### Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6) et 54(5) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce (1996), du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 4(1) 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 ou au registraire des topographies peut être transmise par télécopieur ou en ligne à partir du site Web de l'OPIC de la manière prévue ci-dessous seulement.

**Les exigences ayant trait à la présentation des documents mentionnés aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance transmise par télécopieur. Le paragraphe 3(9) du Règlement sur les marques de commerce (1996) spécifie certaines catégories de correspondance à laquelle les dispositions du paragraphe 3(6) ne s'appliquent pas, et par conséquent, ne peut être envoyée par télécopieur ou en ligne.**

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée par mode de transmission électronique, incluant par télécopieur, est réputée reçue le jour où elle a été transmise avant minuit, heure locale, à l'OPIC, lorsque l'OPIC est ouvert au public. Si la correspondance est transmise électroniquement un jour où l'OPIC est fermé au public, elle est réputée reçue le jour de la réouverture de l'OPIC.

#### (a) Télécopieur

La correspondance par télécopieur 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 aux numéros ci-dessous :

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

De plus, aux fins des procédures d'opposition, et des articles 44 et 45 de la *Loi sur les marques de commerce*, la correspondance

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dence addressed to the Registrar of Trade-marks should be sent to the following number:

(819) 997-5092

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

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment that the correspondence has in fact been received. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: (819) 994-2269.

### (b) On-line

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site: [www.cipo.gc.ca](http://www.cipo.gc.ca)

#### Patents

In accordance with section 8.1 of the *Patent Act*, and for the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's Web site ([www.cipo.gc.ca](http://www.cipo.gc.ca)), by accessing the "Patents" page and selecting the link for the desired on-line action:

filling an application; completing an application; maintaining the name of a patent agent on the register of patent agents; ordering copies in paper, or electronic form of a document; and general correspondence relating to applications and patents.

#### Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations (1996)*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site ([www.cipo.gc.ca](http://www.cipo.gc.ca)), by accessing the "Trade-marks" page and selecting the link for the desired on-line action:

par télécopieur adressée au registraire des marques de commerce devrait être transmise au numéro ci-dessous :

(819) 997-5092

La correspondance par télécopieur qui est transmise à tout numéro de télécopieur autre que ceux indiqués ci-dessus, y compris ceux des établissements désignés ou bureaux désignés, sera considérée comme n'étant pas reçue.

Le rapport de transmission électronique que vous recevez après votre transmission par télécopieur constituera votre accusé de réception à l'effet que la correspondance a bel et bien été reçue. La confidentialité des procédures de transmission par télécopieur ne peut être garantie.

Quand on transmet, par télécopieur, un document qui doit être accompagné d'une taxe, le mode de paiement préféré doit être clairement indiqué sur la lettre de présentation afin d'assurer un traitement rapide. Vous pouvez communiquer avec la Direction des finances de l'OPIC en composant le (819) 994-2269, afin de prendre les dispositions nécessaires.

### (b) 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 en accédant au site Web de l'OPIC à : [www.opic.gc.ca](http://www.opic.gc.ca)

#### Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance qui suit, adressée au commissaire aux brevets, peut être transmise par voie électronique au site Web de l'OPIC ([www.opic.gc.ca](http://www.opic.gc.ca)), en accédant à la page intitulée « Brevets » et en sélectionnant le lien pour l'action en ligne désirée :

déposer une demande; compléter une demande; maintenir l'inscription du nom d'un agent de brevets dans le registre des agents de brevets; commander des copies de documents sur support papier ou sous forme électronique; et la correspondance générale liée aux demandes et brevets.

#### Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce (1996)*, la correspondance qui suit, adressée au registraire des marques de commerce, peut être transmise par voie électronique au site Web de l'OPIC ([www.opic.gc.ca](http://www.opic.gc.ca)), en accédant à la page intitulée « Marques de commerce » et en sélectionnant le lien pour l'action en ligne désirée :

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application for the registration of a trade-mark; filing of a revised application; renewal of a trade-mark registration; request to enter a name on the list of trade-mark agents; annual renewal of a trade-mark agent; and requesting copies of trade-mark documents.

### Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site ([www.cipo.gc.ca](http://www.cipo.gc.ca)), by accessing the "Copyrights" page and selecting the link for the desired on-line action:

application for the registration of a copyright in a work, a performer's performance, a sound recording or a communication signal; registration of an assignment or licence of a copyright; issuing a corrected certificate of registration of copyright; ordering copies in paper, or electronic form of a document; and general correspondence relating to copyrights.

### Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's Web site ([www.cipo.gc.ca](http://www.cipo.gc.ca)), by accessing the "Industrial Designs" page and selecting the link for the desired on-line action:

applying to register an industrial design; maintaining the registration of an industrial design; recording an assignment or licence; ordering copies in paper, or electronic form of a document; and general correspondence relating to industrial designs.

### Integrated Circuit Topographies

For the purpose of subsection 4(1) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's Web site ([www.cipo.gc.ca](http://www.cipo.gc.ca)), by accessing the "Integrated Circuit Topographies" page and selecting the link for the desired on-line action:

filings an application for registration of a topography; registering an assignment or licence; request for copy of a document; and general correspondence relating to integrated circuit topographies.

demande d'enregistrement d'une marque de commerce; demande d'enregistrement d'une marque de commerce modifiée; 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; et commander des copies de documents de marques de commerce.

### Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance qui suit, adressée au Bureau du droit d'auteur, peut être transmise par voie électronique au site Web de l'OPIC ([www.opic.gc.ca](http://www.opic.gc.ca)), en accédant à la page intitulée « Droits d'auteur » et en sélectionnant le lien pour l'action en ligne désirée :

demande d'enregistrement d'un droit d'auteur sur une œuvre, une prestation, un enregistrement sonore ou un signal de communication; l'enregistrement de l'acte de cession d'un droit d'auteur ou d'une licence relative à un droit d'auteur; la délivrance d'un certificat corrigé d'enregistrement du droit d'auteur; commander des copies de documents sur support papier ou sous forme électronique; et la correspondance générale liée aux droits d'auteur.

### Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance qui suit, adressée au commissaire aux brevets, peut être transmise par voie électronique au site Web de l'OPIC ([www.opic.gc.ca](http://www.opic.gc.ca)), en accédant à la page intitulée « Dessins industriels » et en sélectionnant le lien pour l'action en ligne désirée :

demander l'enregistrement d'un dessin industriel; maintien de l'enregistrement d'un dessin industriel; l'enregistrement d'un acte de cession ou licence; commander des copies de documents sur support papier ou sous forme électronique; et la correspondance générale liée aux dessins industriels.

### Topographies de circuits intégrés

Aux fins du paragraphe 4(1) du *Règlement sur les topographies de circuits intégrés*, la correspondance qui suit, adressée au registraire des topographies, peut être transmise par voie électronique au site Web de l'OPIC ([www.opic.gc.ca](http://www.opic.gc.ca)), en accédant à la page intitulée « Topographies de circuits intégrés » et en sélectionnant le lien pour l'action en ligne désirée :

dépôt d'une demande d'enregistrement de topographie; enregistrement d'un acte de cession ou licence; commander des copies de documents; et la correspondance générale liée aux topographies de circuits intégrés.

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### General Information

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

Internet: [www.cipo.gc.ca](http://www.cipo.gc.ca)

Telephone: (819) 997-1936  
1-900-565-CIPO (\$3 flat rate per call)

#### Hearing Impaired only TTY:

(819) 997-2848 (Copyrights / Trade-marks / Integrated Circuit Topographies)  
(819) 997-2234 (Patents / Industrial Designs)

Fax: (819) 953-7620 (**enquiries only**)

Mail: Canadian Intellectual Property Office  
Client Service Centre  
Place du Portage I  
50 Victoria Street, Room C-114  
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The *Canadian Patent Office Record* of January 18, 2005 contains applications open to public inspection from December 26, 2004 to January 1, 2005

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### 15. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 26 décembre 2004 au 1 janvier 2005

# Canadian Patents Issued

January 18, 2005

## Brevets canadiens délivrés

18 janvier 2005

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[11] 2,064,622  
[13] C

[51] Int.Cl. 5C08L 67/06 5C08L 31/04  
5C08K 5/36  
[25] EN  
[54] THIOESTER POLYMERIZATION MODIFIERS  
[54] AGENTS MODIFIANT LA POLYMERISATION DE THIOESTERS  
[72] SHAHID, MOHAMMED, US  
[73] CROMPTON CORPORATION, US  
[22] 1992-04-01  
[30] US (679,740) 1991-04-03

---

[11] 2,064,626  
[13] C

[51] Int.Cl. 5B66B 21/12  
[25] FR  
[54] DISPOSITIF DE TRANSPORT, NOTAMMENT A ELEMENT TRANSPORTEUR A VITESSE ELEVEE  
[54] TRANSPORT DEVICE NAMELY WITH HIGH SPEED TRANSPORTING UNIT  
[72] PATIN, PIERRE, FR  
[73] CONSTRUCTIONS INDUSTRIELLES DE LA MEDITERRANEE (CNIM), FR  
[22] 1992-04-01  
[30] FR (91.04528) 1991-04-12

---

[11] 2,064,993  
[13] C

[51] Int.Cl. 5A61L 15/32  
[25] EN  
[54] NON-POROUS COLLAGEN SHEET FOR THERAPEUTIC USE, AND THE METHOD AND APPARATUS FOR PREPARING IT  
[54] FEUILLE DE COLLAGENE POUR USAGE THERAPEUTIQUE, METHODE ET APPAREIL POUR SA PREPARATION  
[72] FURLAN, DIEGO, IT  
[72] BONFANTI, GIOVANNI, IT  
[72] SCAPPATICCI, GIUSEPPE, IT  
[73] EURORESEARCH S.R.L., IT  
[22] 1992-04-02  
[30] IT (91 A 001423) 1991-05-23

---

---

[11] 2,074,556  
[13] C

[51] Int.Cl. 6C07K 16/12 6C07K 14/325  
6C07K 16/42 5G01N 33/569  
[25] EN  
[54] IMMUNOLOGICAL DETECTION METHOD  
[54] METHODE DE DETECTION IMMUNOLOGIQUE  
[72] GEISER, MARTIN, CH  
[72] STOCK, PASCALE O., CH  
[72] HARTMANN, HERBERT, DE  
[73] PIONEER HI-BRED INTERNATIONAL, INC., US  
[22] 1992-07-23  
[30] CH (2237/91-0) 1991-07-25  
[30] CH (2517/91-6) 1991-08-28

---

[11] 2,088,692  
[13] C

[51] Int.Cl. 5B27K 3/38 5B27K 3/50  
[25] EN  
[54] FUNGICIDAL COMPOSITIONS  
[54] COMPOSITIONS FONGICIDES  
[72] MCDADE, MARK D., US  
[73] SYNGENTA PARTICIPATIONS AG, CH  
[22] 1993-02-03  
[30] GB (9202378) 1992-02-05

---

[11] 2,089,830  
[13] C

[51] Int.Cl. 5G09F 3/02 5B42D 12/00  
[25] EN  
[54] SYSTEM FOR PROVIDING PRODUCT REORDERING INFORMATION  
[54] SYSTEME SERVANT A FOURNIR DE L'INFORMATION SUR LES PRODUITS A COMMANDER DE NOUVEAU  
[72] HAFELE, WOLFGANG, US  
[72] THIERER, SIBYLLE, DE  
[73] HAFELE AMERICA CO., US  
[22] 1993-02-18  
[30] US (07/845,274) 1992-03-03

---

---

[11] 2,097,877  
[13] C

[51] Int.Cl. 5C09D 183/06 5C09D 4/00  
5C08K 3/22  
[25] EN  
[54] COATING COMPOSITION  
[54] COMPOSITION DE REVETEMENT  
[72] WATANABE, KOJI, JP  
[73] NIKON CORPORATION, JP  
[22] 1993-06-07  
[30] JP (4-152531) 1992-06-12

---

[11] 2,097,993  
[13] C

[51] Int.Cl. 5D21H 17/01  
[25] EN  
[54] RECOVERY AND RE-USE OF RAW MATERIALS FROM PAPER MILL WASTE SLUDGE  
[54] PROCEDE DE RECUPERATION ET DE RECYCLAGE DES FIBRES CONTENUES DANS LES BOUES RESIDUAIRES D'USINES A PAPIER  
[72] HAMILTON, ROBERT, GB  
[73] ARJO WIGGINS FINE PAPERS LIMITED, GB  
[22] 1993-06-07  
[30] GB (9212867.7) 1992-06-17

---

[11] 2,100,988  
[13] C

[51] Int.Cl. 5B28B 3/20  
[25] FR  
[54] PROCEDE ET APPAREILLAGE POUR L'OBTENTION DE MATERIAUX MOULES STABILISES A PARTIR DE DECHETS  
[54] PROCESS AND APPARATUS FOR PRODUCING STABILIZED MOLDED MATERIAL FOR WASTE PRODUCTS  
[72] PICHAUT, PHILIPPE, FR  
[73] PICHAUT, PHILIPPE, FR  
[22] 1993-07-21  
[30] FR (92 09196) 1992-07-24

---

**Canadian Patents Issued  
January 18, 2005**

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**[11] 2,102,058**  
[13] C

[51] Int.Cl. 5A63F 7/06 5A63B 67/04  
[25] EN  
[54] GAME APPARATUS  
[54] JEU  
[72] BAGLEY, DANIEL J., CA  
[73] BAGLEY, DANIEL J., CA  
[22] 1993-10-29

---

**[11] 2,114,455**  
[13] C

[51] Int.Cl. 5F23Q 3/00  
[25] EN  
[54] DISCHARGE-TYPE IGNITION DEVICE FOR OIL BURNER  
[54] DISPOSITIF D'ALLUMAGE DU TYPE A DECHARGE POUR BRULEUR A MAZOUT  
[72] NAKANISHI, YUTAKA, JP  
[72] YAMADA, TOSHIHIKO, JP  
[72] NAKAGAITO, TORU, JP  
[73] TOYOTOMI CO., LTD., JP  
[22] 1994-01-28  
[30] JP (34343/1993) 1993-01-29  
[30] JP (34344/1993) 1993-01-29

---

**[11] 2,114,596**  
[13] C

[51] Int.Cl. 5F23J 3/02  
[25] EN  
[54] METHOD AND APPARATUS OF PREHEATING A SOOTBLOWER LANCE  
[54] METHODE ET APPAREIL DE PRECHAUFFAGE DE LA LANCE D'UN RAMONEUR  
[72] SILCOTT, EDWARD OTTO, US  
[72] DUNNETTE, ROBIN R., US  
[72] IRELAN, ROBERT L., US  
[73] DIAMOND POWER INTERNATIONAL, INC., US  
[22] 1994-01-31  
[30] US (013,770) 1993-02-03

---

**[11] 2,124,207**  
[13] C

[51] Int.Cl. 5C12M 1/16 5C12Q 1/04  
5C12M 1/26  
[25] EN  
[54] CULTURE MEDIA DEVICE  
[54] DISPOSITIF DE MILIEU DE CULTURE  
[72] NELSON, ROBERT L., US  
[72] CRANDALL, MICHAEL D., US  
[72] RAMOS, MARY S., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1994-05-24  
[86] 1992-11-04 (PCT/US1992/009435)  
[87] (WO1993/012218)  
[30] US (07/804,295) 1991-12-09

---

**[11] 2,125,792**  
[13] C

[51] Int.Cl. 5B01D 21/02 5B01D 21/08  
5B01D 21/24  
[25] EN  
[54] SEDIMENTATION TYPE SOLID-LIQUID SEPARATOR  
[54] SEPARATEUR SOLIDES-LIQUIDES A DECANTATION  
[72] HARATO, TAKUO, JP  
[72] KUMAGAE, YOSHIO, JP  
[72] ISHIBASHI, KAZUHISA, JP  
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 1994-06-14  
[30] JP (144684/1993) 1993-06-16

---

**[11] 2,133,167**  
[13] C

[51] Int.Cl. 5E01F 13/00 5B26F 1/24  
[25] EN  
[54] APPARATUS FOR DEFLATING TIRES OF MOVING VEHICLES  
[54] DISPOSITIF POUR CREVER LES PNEUS D'UN VEHICULE EN MOUVEMENT  
[72] GREVES, KENNETH J., US  
[73] STOP STICK, LTD., US  
[22] 1994-09-28  
[30] US (08/271,827) 1994-07-07

---

**[11] 2,135,036**  
[13] C

[51] Int.Cl. 5E01B 35/04 5G01B 7/14  
5G01B 7/31  
[25] EN  
[54] TRACK MAINTENANCE MACHINE FOR CORRECTING THE TRACK GEOMETRY  
[54] MACHINE DE CONTROLE ET DE CORRECTION DE L'ETAT GEOMETRIQUE DE LA VOIE  
[72] THEURER, JOSEF, AT  
[72] BOCK, GERNOT, AT  
[73] FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIE GESELLSCHAFT M.B.H., AT  
[22] 1994-11-03  
[30] AT (A2246/93) 1993-11-05

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**[11] 2,136,635**  
[13] C

[51] Int.Cl. 5C07F 7/08 5B01J 20/10 5B01J 20/22  
[25] EN  
[54] PROCESS OF REMOVING IONS FROM SOLUTIONS USING A COMPLEX WITH SULFUR-CONTAINING HYDROCARBONS ALSO CONTAINING ELECTRON WITHDRAWING GROUPS BONDED TO A SOLID HYDROPHILIC MATRIX  
[54] PROCEDE D'ELIMINATION DES IONS DE SOLUTIONS AU MOYEN D'UN COMPLEXE A BASE D'HYDROCARBURES SOUFRES RENFERMANT AUSSI DES GROUPEMENTS ELECTROPHILES LIES A UNE MATRICE HYDROPHILE SOLIDE  
[72] BRUENING, RONALD L., US  
[72] TARbett, BRYON J., US  
[72] IZATT, REED M., US  
[72] BRADSHAW, JERALD S., US  
[73] BRIGHAM YOUNG UNIVERSITY, US  
[85] 1994-11-24  
[86] 1993-06-08 (PCT/US1993/005456)  
[87] (WO1993/025306)  
[30] US (07/895,341) 1992-06-08

Brevets canadiens délivrés  
18 janvier 2005

---

[11] 2,136,898  
[13] C

- [51] Int.Cl. 5G01F 11/26  
[25] EN  
[54] MEASURING CONTAINER  
[54] CONTENEUR DE MESURE  
[72] JENNINGS, ROBERT MICHAEL, US  
[72] JENNINGS, DAVID ALLEN, US  
[73] JENNINGS, ROBERT MICHAEL, US  
[73] JENNINGS, DAVID ALLEN, US  
[22] 1994-11-29  
[30] US (08/166,205) 1993-12-13  
[30] US (08/313,374) 1994-09-27
- 

[11] 2,137,287

- [13] C  
[51] Int.Cl. 5G01M 3/16 5G01M 3/04  
5H01B 11/18  
[25] EN  
[54] CORROSION RESISTANT CABLE  
[54] CABLE RESISTANT A LA  
CORROSION  
[72] BAILEY, DOUGLAS SLOAN, US  
[73] PERMA-PIPE, INC., US  
[85] 1994-12-02  
[86] 1993-06-03 (PCT/US1993/005323)  
[87] (WO1993/025883)  
[30] US (07/893,499) 1992-06-04  
[30] US (08/056,062) 1993-05-07
- 

[11] 2,141,712

- [13] C  
[51] Int.Cl. 6B01J 19/24  
[25] FR  
[54] DISPOSITIF POUR LA MISE EN  
OEUVRE DE REACTIONS CHIMIQUES  
NECESSITANT AU MOINS AU  
DEMARRAGE UN APPORT DE  
CALORIES  
[54] DEVICE FOR CARRYING OUT  
CHEMICAL REACTIONS REQUIRING  
AT LEAST AT THE START A CALORIC  
SUPPLY  
[72] BUSSON, CHRISTIAN, FR  
[72] DELHOMME, HENRI, FR  
[72] GOLLION, LAURE, FR  
[72] CASSAGNE, JEAN P., FR  
[73] INSTITUT FRANCAIS DU PETROLE,  
FR  
[73] GAZ DE FRANCE (SOCIETE  
NATIONAL), FR  
[22] 1995-02-02  
[30] FR (94 01 243) 1994-02-02

[11] 2,142,463  
[13] C

- [51] Int.Cl. 6C07D 401/12 6C07D 401/14  
6A01N 43/56 6A01N 43/72  
[25] EN  
[54] HERBICIDAL PYRAZOLYLOXY-  
PICOLINAMIDES  
[54] PYRAZOLYLOXPICOLINAMIDES  
HERBICIDES  
[72] KLEEMANN, AXEL, DE  
[72] SEARLE, ROBERT J. G., DE  
[73] SHELL INTERNATIONALE  
RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 1995-02-14  
[86] 1993-10-21 (PCT/EP1993/002925)  
[87] (WO1994/008991)  
[30] EP (92118039.4) 1992-10-22
- 

[11] 2,143,375

- [13] C  
[51] Int.Cl. 6H01R 13/53 6H01R 11/00  
6H01R 13/40 6H01R 13/56  
[25] EN  
[54] MALE ELECTRICAL PLUG  
ASSEMBLY WITH INCREASED  
ELECTRICAL CREEPAGE DISTANCE  
BETWEEN CONTACTS  
[54] FICHE DE COURANT A DISTANCE  
DE FUITE ACCRUE ENTRE LES  
BROCHES  
[72] HERMAN, WALLACE U., US  
[72] TIBERIO, PATRICK J., US  
[73] HUBBELL INCORPORATED, US  
[22] 1995-02-24  
[30] US (08/206,163) 1994-03-07

[11] 2,144,043  
[13] C

- [51] Int.Cl. 6C12N 15/13 6A61K 49/00  
6A61K 51/10 6C07K 16/10 6A61K 39/42  
6G01N 33/569 6G01N 33/577  
[25] EN  
[54] HUMAN NEUTRALIZING  
MONOCLONAL ANTIBODIES TO  
RESPIRATORY SYNCYTIAL VIRUS  
[54] ANTICORPS MONOCLONAUX  
HUMAINS NEUTRALISANTS DIRIGÉS  
CONTRE LE VIRUS RESPIRATOIRE  
SYNCYTIAL  
[72] BURTON, DENNIS R., US  
[72] BARBAS, CARLOS F., III, US  
[72] CHANOCK, ROBERT M., US  
[72] MURPHY, BRIAN R., US  
[72] CROWE, JAMES E., JR., US  
[73] UNITED STATES GOVERNMENT AS  
REPRESENTED BY THE DEPARTMENT  
OF HEALTH AND HUMAN SERVICES  
(THE), US  
[73] THE SCRIPPS RESEARCH  
INSTITUTE, US  
[85] 1995-03-07  
[86] 1993-09-16 (PCT/US1993/008786)  
[87] (WO1994/006445)  
[30] US (945,515) 1992-09-16
- 

[11] 2,147,256

- [13] C  
[51] Int.Cl. 6B65H 45/12  
[25] EN  
[54] BUCKLE FOLDING MACHINE  
[54] MACHINE A PLIER  
[72] ZECHNER, KARL, AT  
[73] ZECHNER, KARL, AT  
[85] 1995-04-18  
[86] 1993-10-13 (PCT/AT1993/000154)  
[87] (WO1994/008882)  
[30] AT (A 2060/92) 1992-10-19

**Canadian Patents Issued  
January 18, 2005**

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[11] **2,149,035**  
[13] C

[51] Int.Cl. 6C10L 1/30 6C07F 15/00  
6C07F 17/02 6F02B 75/12  
[25] EN  
[54] METHOD FOR REDUCING  
HARMFUL EMISSIONS FROM A  
DIESEL ENGINE EQUIPPED WITH A  
PARTICULATE TRAP  
[54] METHODE SERVANT A REDUIRE  
LES EMISSIONS NOCIVES D'UN  
MOTEUR DIESEL MUNI D'UN PIEGE  
A PARTICULES  
[72] PETER-HOBLYN, JEREMY D., GB  
[72] VALENTINE, JAMES M., US  
[72] EPPERLY, WILLIAM ROBERT, US  
[73] FUEL TECH, N.V., AN  
[85] 1995-05-09  
[86] 1993-11-10 (PCT/US1993/010928)  
[87] (WO1994/011467)  
[30] US (07/973,913) 1992-11-10  
[30] US (08/003,245) 1993-01-11

---

[11] **2,149,324**  
[13] C

[51] Int.Cl. 6A61K 35/38 6A61L 27/00  
[25] EN  
[54] FLUIDIZED INTESTINAL  
SUBMUCOSA AND ITS USE AS AN  
INJECTABLE TISSUE GRAFT  
[54] SOUS-MUQUEUSE INTESTINALE  
FLUIDISEE ET SON UTILISATION  
COMME GREFFON TISSULAIRE  
INJECTABLE  
[72] BADYLAK, STEPHEN F., US  
[72] HILES, MICHAEL, US  
[72] VOYTIK, SHERRY, US  
[72] DEMETER, ROBERT J., US  
[72] KNAPP, PETER M., JR., US  
[73] KNAPP, PETER M., JR., US  
[73] PURDUE RESEARCH  
FOUNDATION, US  
[73] METHODIST HOSPITAL OF  
INDIANA, INC., US  
[85] 1995-05-12  
[86] 1993-11-10 (PCT/US1993/010861)  
[87] (WO1994/011008)  
[30] US (07/976,156) 1992-11-13

---

[11] **2,149,876**  
[13] C

[51] Int.Cl. 6G06F 19/00  
[25] EN  
[54] DISPLAY CONTROL METHOD  
[54] METHODE DE COMMANDE  
D'AFFICHAGE  
[72] NAKA, YUJI, US  
[72] YAMAMOTO, MASANOBU, US  
[73] SEGA ENTERPRISES, LTD., JP  
[85] 1995-05-19  
[86] 1993-11-19 (PCT/JP1993/001705)  
[87] (WO1994/012255)  
[30] US (979,570) 1992-11-20  
[30] US (979,577) 1992-11-20  
[30] US (979,578) 1992-11-20  
[30] US (979,698) 1992-11-20

---

[11] **2,150,266**  
[13] C

[51] Int.Cl. 6G01M 15/00 6G01N 35/10  
6G01N 1/22 6G01N 1/28  
[25] EN  
[54] EXHAUST SENSOR  
[54] CAPTEUR DE SYSTEME  
D'ECHAPPEMENT  
[72] MOSS, DENNIS W., US  
[73] DRESSER, INC., US  
[22] 1995-05-26  
[30] US (268,815) 1994-06-30

---

[11] **2,151,692**  
[13] C

[51] Int.Cl. 6A47C 27/10  
[25] FR  
[54] CELULES GONFLABLES, DITES  
TELESCOPIQUES, DE COUSSINS ET  
DE MATELAS  
[54] SO-CALLED TELESCOPIC  
INFLATABLE CELLS FOR PILLOWS  
AND MATTRESSES  
[72] SEBAG, ALBERT, FR  
[72] BENGUIGUI, PAUL, FR  
[73] ASKLE(S.A.R.L), FR  
[22] 1995-06-13  
[30] EP (95 43001.8) 1995-01-13

---

[11] **2,155,835**  
[13] C

[51] Int.Cl. 6H03M 1/06  
[25] EN  
[54] TEMPERATURE CORRECTED  
INTEGRATING ANALOG-TO-DIGITAL  
CONVERTER  
[54] CONVERTISSEUR ANALOGIQUE-  
NUMERIQUE INTEGRATEUR A  
CORRECTION DE TEMPERATURE  
[72] PFEIFFER, FREDERICK R., US  
[73] HONEYWELL INC., US  
[85] 1995-08-10  
[86] 1994-03-31 (PCT/US1994/003503)  
[87] (WO1994/023501)  
[30] US (08/040,821) 1993-03-31

---

[11] **2,157,300**  
[13] C

[51] Int.Cl. 6C06B 25/34  
[25] EN  
[54] IGNITION COMPOSITIONS FOR  
INFLATOR GAS GENERATORS  
[54] COMPOSITIONS INFLAMMABLES  
POUR GENERATEURS DE GAZ DE  
GONFLAGE  
[72] POOLE, DONALD R., US  
[72] KWONG, PATRICK C., US  
[73] AUTOMOTIVE SYSTEMS  
LABORATORY, INC., US  
[85] 1995-08-30  
[86] 1994-10-03 (PCT/US1994/011167)  
[87] (WO1995/021804)  
[30] US (193,717) 1994-02-09

---

[11] **2,157,419**  
[13] C

[51] Int.Cl. 6B29B 7/48 6B29B 7/58  
[25] EN  
[54] INTERNAL MIXER  
[54] MELANGEUR INTERNE  
[72] METCALF, JOHN DARYL, US  
[72] PRICE, JOHN WILLIAM JR., US  
[72] ROTHGERY, JAMES MILLARD, US  
[72] ZAUCHA, RONALD JOSEPH, US  
[73] THE GOODYEAR TIRE & RUBBER  
COMPANY, US  
[22] 1995-09-01  
[30] US (08/402,836) 1995-03-13

Brevets canadiens délivrés  
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[11] 2,158,458  
[13] C

[51] Int.Cl. 6C07D 305/14 6C07C 231/00  
6C07D 407/00 6C07D 409/00 6C07F 7/08  
6C07D 405/12 6C07C 233/87  
[25] EN  
[54] TAXANES PREPARED BY BETA-LACTAMS AND AMMONIUM ALKOXIDES  
[54] TAXANES PREPARES A PARTIR DE BETA-LACTAMES ET D'ALKOXYDES D'AMMONIUM  
[72] HOLTON, ROBERT A., US  
[73] FLORIDA STATE UNIVERSITY, US  
[85] 1995-09-15  
[86] 1994-03-21 (PCT/US1994/003054)  
[87] (WO1994/021623)  
[30] US (08/034,247) 1993-03-22

---

[11] 2,159,345  
[13] C

[51] Int.Cl. 6F42B 10/26 6F42B 12/58  
[25] EN  
[54] A METHOD AND AN APPARATUS FOR IMPARTING TO AN AIRBORNE WARHEAD A DESIRED PATTERN OF MOVEMENT  
[54] METHODE ET APPAREIL SERVANT A IMPRIMER A UNE OGIVE LE MOUVEMENT ROTATIF DESIRE  
[72] HOLM, ANDERS, SE  
[72] AXINGER, JAN, SE  
[72] JARNRYD, KENNETH, SE  
[73] SAAB AB, SE  
[85] 1995-09-27  
[86] 1994-03-17 (PCT/SE1994/000232)  
[87] (WO1994/023265)  
[30] SE (9301038-7) 1993-03-30

---

[11] 2,160,022  
[13] C

[51] Int.Cl. 6A61F 2/06 6A61F 2/04  
6A61M 25/10  
[25] EN  
[54] STENT DEVICE AND STENT SUPPLYING SYSTEM  
[54] DISPOSITIF POUR EXTENSEUR ET SYSTEME D'IMPLANTATION CORRESPONDANT  
[72] IGAKI, KEIJI, JP  
[73] KABUSHIKIKAISSYA IGAKI IRYO SEKKEI, JP  
[85] 1995-10-05  
[86] 1995-02-07 (PCT/JP1995/000166)  
[87] (WO1995/020992)  
[30] JP (P6-013660) 1994-02-07

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[11] 2,160,090  
[13] C

[51] Int.Cl. 6C08F 4/52 6C08F 36/00  
6C08F 36/04 6C08C 19/20  
[25] EN  
[54] PROCESS FOR PRODUCING DIENE RUBBERS POLYMERISED BY MEANS OF ND CATALYSTS AND EXHIBITING REDUCED COLD FLOW AND LOW INTRINSIC ODOUR  
[54] METHODE POUR L'OBTENTION DE CAOUTCHOUCS DIENIQUES, POLYMERISES EN PRESENCE DE CATALYSEURS AU ND, AVEC ECOULEMENT REDUIT A FROID ET FAIBLE ODEUR INTRINSEQUÉ  
[72] WIEDER, WOLFGANG, DE  
[72] KUHLMANN, DIETER, DE  
[72] NENTWIG, WOLFGANG, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1995-10-06  
[30] DE (P 4436059.2) 1994-10-10

---

[11] 2,161,324  
[13] C

[51] Int.Cl. 6C11D 3/37 6C11D 1/83  
[25] EN  
[54] HARD SURFACE CLEANING COMPOSITION COMPRISING POLYMERS  
[54] COMPOSITION RENFERMANT DES POLYMERES POUR LE NETTOYAGE DE SURFACES DURES  
[72] SHARPLES, MARTIN, GB  
[73] UNILEVER PLC, GB  
[85] 1995-10-24  
[86] 1994-04-26 (PCT/EP1994/001290)  
[87] (WO1994/026858)  
[30] GB (9310365.3) 1993-05-18

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[11] 2,162,583  
[13] C

[51] Int.Cl. 6G06F 17/21 6G06F 3/033  
[25] EN  
[54] COMPUTER-HUMAN INTERFACE SYSTEM FOR COMPOUND DOCUMENTS  
[54] INTERFACE HOMME-MACHINE POUR DOCUMENTS COMPOSES  
[72] SMITH, DAVID CANFIELD, US  
[72] STERN, MARK LUDWIG, US  
[72] CHAFFEE, JENNIFER, US  
[72] KREEGAR, JEFFREY, US  
[72] THOMPSON, MICHAEL, US  
[72] CORRICK, GEORGE, US  
[72] JORDAN, DANIEL, US  
[72] PIERSOL, KURT, US  
[72] CURBOW, DAVID, US  
[73] APPLE COMPUTER, INC., US  
[85] 1995-11-09  
[86] 1994-05-04 (PCT/US1994/005026)  
[87] (WO1994/027227)  
[30] US (08/058,260) 1993-05-10

---

[11] 2,163,624  
[13] C

[51] Int.Cl. 6B64D 45/02 6F16B 35/04  
[25] FR  
[54] STRUCTURE ANTI-ETINCELAGE, NOTAMMENT POUR AERONEF  
[54] SPARKPROOF STRUCTURE  
[72] AVENET, JEAN-PIERRE, FR  
[72] GONDOT, PASCAL, FR  
[73] AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE, FR  
[85] 1995-11-23  
[86] 1995-04-13 (PCT/FR1995/000477)  
[87] (WO1995/028319)  
[30] FR (94 04507) 1994-04-15

---

[11] 2,164,189  
[13] C

[51] Int.Cl. 6B29C 44/12  
[25] EN  
[54] PROCESS FOR THE PRODUCTION OF STRUCTURAL THERMOINSULATING ELEMENTS AND ELEMENTS SO OBTAINED  
[54] PROCEDE POUR L'OBTENTION D'ELEMENTS STRUCTURAUX, ISOLANTS THERMIQUES; ELEMENTS AINSI OBTENUS  
[72] PIROTTA, GIAMPIERO, IT  
[72] REGGIANI, ROMANO, IT  
[73] ENICHEM S.P.A., IT  
[22] 1995-11-30  
[30] IT (MI 94/A 002436) 1994-12-01

---

**Canadian Patents Issued**  
**January 18, 2005**

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[11] **2,167,722**  
[13] C

[51] Int.Cl. 6C08G 61/08  
[25] EN  
[54] IMIDO TRANSITION METAL COMPLEX METATHESIS CATALYSTS  
[54] CATALYSEUR POUR METATHESE A BASE D'UN COMPLEXE DE METAL DE TRANSITION AVEC UN GROUPE IMIDO  
[72] KELSEY, DONALD ROSS, US  
[73] SHELL OIL COMPANY, US  
[85] 1996-01-19  
[86] 1994-07-21 (PCT/US1994/008337)  
[87] (WO1995/003346)  
[30] US (096,522) 1993-07-22  
[30] US (264,113) 1994-06-22

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[11] **2,169,603**  
[13] C

[51] Int.Cl. 6C12N 15/49 6C12N 7/00  
6C07H 21/04 6C07K 14/155 6A61K 39/21  
6G01N 33/569  
[25] EN  
[54] RETROVIRUS FROM THE HIV GROUP AND ITS USE  
[54] RETROVIRUS DU GROUPE VIH ET SON UTILISATION  
[72] HAUSER, HANS-PETER, DE  
[72] KNAPP, STEFAN, DE  
[72] BRUST, STEFAN, DE  
[72] GURTNER, LUTZ G., DE  
[72] EBERLE, JOSEF, DE  
[72] KAPTE, LAZARE, CM  
[72] ZEKENG, LEOPOLD ACHENGUI, CM  
[73] BEHRINGWERKE AKTIENGESELLSCHAFT, DE  
[22] 1996-02-15  
[30] DE (195 05 262.5) 1995-02-16

[11] **2,174,447**  
[13] C

[51] Int.Cl. 6D21C 11/12 6F23G 7/04  
[25] EN  
[54] A METHOD FOR BURNING SECONDARY SLUDGE IN A RECOVERY BOILER  
[54] PROCEDE PERMETTANT DE BRULER DES BOUES SECONDAIRES DANS UNE CHAUDIERE DE RECUPERATION  
[72] KNUUTILA, MATTI, FI  
[72] KAILA, JARMO, FI  
[72] VAISTOMAA, JUKKA, FI  
[72] IMELAINEN, KEIJO, FI  
[72] HARILA, PAULI, FI  
[72] KIVILINNA, VELI-ANTTI, FI  
[72] KЛАMI, AHTI, FI  
[73] KVAERNER POWER OY, FI  
[85] 1996-04-17  
[86] 1994-10-17 (PCT/FI1994/000466)  
[87] (WO1995/011335)  
[30] FI (934598) 1993-10-18

[11] **2,174,913**  
[13] C

[51] Int.Cl. 6B41J 2/175  
[25] EN  
[54] LIQUID CONTAINMENT AND DISPENSING DEVICE  
[54] DISPOSITIF DE RETENUE ET DE DISTRIBUTION DE LIQUIDE  
[72] WALLACE, JAMES KENNETH, US  
[72] KAMP, DAVID C., US  
[72] FILLMORE, WILLIAM E., US  
[73] OWENS-ILLINOIS CLOSURE INC., US  
[22] 1996-04-24  
[30] US (08/429,987) 1995-04-27

[11] **2,176,592**  
[13] C

[51] Int.Cl. 6C08F 297/04 6C09J 7/02  
6C09J 153/02  
[25] EN  
[54] RADIAL STYRENE-ISOPRENE-BUTADIENE MULTI-ARMED BLOCK COPOLYMERS AND COMPOSITIONS AND ARTICLES CONTAINING BLOCK COPOLYMERS  
[54] COPOLYMERES BLOCS RADIAUX STYRENE-ISOPRENE-BUTADIENE MULTILBRAS, ET COMPOSITIONS ET ARTICLES CONTENANT CES COPOLYMERES BLOCS  
[72] TANCREDE, JEAN M., US  
[72] DIEHL, CHARLES F., US  
[72] MARCHAND, GARY R., US  
[73] THE DOW CHEMICAL COMPANY, US  
[73] EXXON CHEMICAL PATENTS INC., US  
[85] 1996-05-14  
[86] 1994-11-21 (PCT/US1994/013481)  
[87] (WO1995/014727)  
[30] US (08/158,200) 1993-11-24

---

[11] **2,177,684**  
[13] C

[51] Int.Cl. 6F16K 15/03  
[25] EN  
[54] PLATES FOR DUAL PLATE CHECK VALVES  
[54] PLAQUE POUR SOUPAPES DE NON-RETOUR A DEUX PLAQUES  
[72] COOPER, JAMES NICHOLAS, GB  
[72] HARROP, NICHOLAS JAMES, GB  
[73] GOODWIN INTERNATIONAL LIMITED, GB  
[85] 1996-05-29  
[86] 1994-11-30 (PCT/GB1994/002627)  
[87] (WO1995/015455)  
[30] GB (9324697.3) 1993-12-01

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[11] **2,180,661**  
[13] C

[51] Int.Cl. 6E21C 37/18 6E21B 7/15  
[25] EN  
[54] METHOD AND APPARATUS FOR PLASMA BLASTING  
[54] PROCEDE ET APPAREIL DE SAUTAGE AU PLASMA  
[72] WILKINSON, MARK GREGORY, US  
[73] TITAN CORPORATION, US  
[85] 1996-07-05  
[86] 1995-01-20 (PCT/US1995/000640)  
[87] (WO1995/020097)  
[30] US (193,233) 1994-01-21

Brevets canadiens délivrés  
18 janvier 2005

[11] 2,187,006  
[13] C

[51] Int.Cl. 6F15B 21/08 6B66C 23/693  
[25] EN  
[54] ELECTRO-HYDRAULIC OPERATING SYSTEM FOR EXTENSIBLE BOOM CRANE  
[54] CIRCUIT DE COMMANDE ELECTROHYDRAULIQUE DE FLECHE TELESCOPIQUE  
[72] BARTHALOW, HENRY D., US  
[72] HULL, WILLIAM E., US  
[72] ZIMMERMAN, CLAUDE R., US  
[73] GROVE U.S. L.L.C., US  
[22] 1996-10-02  
[30] US (08/539,953) 1995-10-06

[11] 2,187,611  
[13] C

[51] Int.Cl. 6B01F 11/00  
[25] EN  
[54] BONE CEMENT PREPARATION KIT HAVING A BREAKABLE MIXING SHAFT FORMING AN OUTPUT PORT  
[54] DISPOSITIF POUR LA PREPARATION DE COLLE A OS COMPRENANT UN AGITATEUR FRAGELISE FORMANT ORIFICE DE DISTRUBITION  
[72] CHAN, KWAN-HO, US  
[73] CHAN, KWAN-HO, US  
[22] 1996-10-10  
[30] US (541,543) 1995-10-10

[11] 2,188,660  
[13] C

[51] Int.Cl. 6C12Q 1/68  
[25] EN  
[54] DETECTION OF MUTATION BY RESOLVASE CLEAVAGE  
[54] DETECTION DE MUTATIONS PAR CLIVAGE PAR RESOLVASE  
[72] COTTON, RICHARD G. H., AU  
[72] YOUIL, RIMA, AU  
[72] KEMPER, BORRIES W., DE  
[73] AVITECH DIAGNOSTICS, INC., US  
[85] 1996-10-23  
[86] 1995-04-21 (PCT/US1995/004852)  
[87] (WO1995/029251)  
[30] US (08/232,530) 1994-04-25

[11] 2,189,411  
[13] C

[51] Int.Cl. 6H04N 7/18 6A63B 69/00  
[25] EN  
[54] METHOD FOR CONFIRMING AND CORRECTING OFFENSIVE AND/OR DEFENSIVE POSITION AS WELL AS THE SYSTEM THEREFOR  
[54] METHODE ET SYSTEME D'ANALYSE/DE CORRECTION DE POSITIONS OFFENSIVE ET/OU DEFENSIVE  
[72] KATAYAMA, MUNEOMI, JP  
[73] K.K. ASOBOUTS, JP  
[22] 1996-11-01  
[30] JP (H8-170776) 1996-05-27

[11] 2,197,042  
[13] C

[51] Int.Cl. 6A47F 10/02  
[25] EN  
[54] SELF-SERVICE CHECKOUT SYSTEM  
[54] CAISSE DE LIBRE-SERVICE  
[72] HAYWARD, JONATHAN W., US  
[73] STORES AUTOMATED SYSTEMS, INC., US  
[22] 1997-02-07  
[30] US (08/599,222) 1996-02-09

[11] 2,199,677  
[13] C

[51] Int.Cl. 6B65D 1/02  
[25] EN  
[54] PLASTIC BLOW MOLDED CONTAINER HAVING LOWER ANNULAR GRIP  
[54] CONTENANT EN PLASTIQUE MOULE PAR SOUFFLAGE ET COMPORTANT UNE POIGNEE ANNULAIRE INFERIEURE  
[72] YOUNG, WILLIAM C., US  
[73] PLASTIPAK PACKAGING, INC., US  
[22] 1997-03-11  
[30] US (620,446) 1996-03-22  
[30] US (08/789,704) 1997-01-27

[11] 2,200,392  
[13] C

[51] Int.Cl. 6B22D 11/04 6B22D 9/00  
[25] EN  
[54] EQUIPMENT FOR CONTINUOUS CASTING OF METALS  
[54] INSTALLATION DE COULEE CONTINUE DE METAUX  
[72] STEEN, IDAR KJETIL, NO  
[72] AALMO, LEIF, NO  
[72] SIVERSEN, JAN, NO  
[72] NAESS, HARALD, JR., NO  
[72] HEGGSTH, BJARNE, NO  
[72] HAKONSEN, ARILD, NO  
[72] SANDVOLL, SIGMUND, NO  
[72] ODEGARD, MAGNE, NO  
[73] NORSK HYDRO ASA, NO  
[22] 1997-03-19  
[30] NO (961142) 1996-03-20

[11] 2,201,682  
[13] C

[51] Int.Cl. 6H04N 5/262 6G06T 7/00  
[25] EN  
[54] PROCESSING IMAGE DATA  
[54] TRAITEMENT DE DONNEES D'IMAGE  
[72] SEVIGNY, BENOIT, CA  
[73] AUTODESK CANADA INC., CA  
[22] 1997-04-03  
[30] GB (96 07 633.6) 1996-04-12

[11] 2,203,553  
[13] C

[51] Int.Cl. 6C07F 9/38  
[25] EN  
[54] PROCESS FOR THE MANUFACTURE OF N-PHOSPHONOMETHYLGLYCINE  
[54] PROCEDE DE FABRICATION DE LA N-PHOSPHONOMETHYLGLYCINE  
[72] HODGKINSON, IAN, GB  
[72] ATHERTON, JOHN HEATHCOTE, GB  
[73] SYNGENTA LIMITED, GB  
[85] 1997-04-23  
[86] 1995-11-02 (PCT/GB1995/002573)  
[87] (WO1996/015135)  
[30] GB (9423254.3) 1994-11-16

**Canadian Patents Issued**  
**January 18, 2005**

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**[11] 2,204,282**  
[13] C

[51] Int.Cl. 6F42D 1/055  
[25] EN  
[54] **DETONATOR CIRCUIT**  
[54] **CIRCUIT DE DETONATEUR**  
[72] SHANN, PETER CHRISTIAN, GB  
[73] SMI TECHNOLOGY (PTY) LIMITED, ZA  
[85] 1997-05-01  
[86] 1995-11-14 (PCT/GB1995/002666)  
[87] (WO1996/016311)  
[30] GB (9423313.7) 1994-11-18

---

**[11] 2,204,283**  
[13] C

[51] Int.Cl. 6H02J 3/00 6H02P 1/58  
[25] EN  
[54] **ELECTRICAL DISTRIBUTION SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION ELECTRIQUE**  
[72] SHANN, PETER CHRISTIAN, GB  
[73] SMI TECHNOLOGY (PTY) LIMITED, ZA  
[85] 1997-05-01  
[86] 1995-11-14 (PCT/GB1995/002664)  
[87] (WO1996/016462)  
[30] GB (9423314.5) 1994-11-18

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**[11] 2,205,313**  
[13] C

[51] Int.Cl. 6C08J 7/06 6C08J 7/16 6B29C 70/52  
[25] EN  
[54] **METHOD OF MANUFACTURE OF A PLASTIC COMPONENT WHICH IS INSENSITIVE TO THE ELEMENTS, AND A PLASTIC COMPONENT SO MANUFACTURED**  
[54] **COMPOSANT EN PLASTIQUE INSENSEBLE AUX ELEMENTS ET METHODE DE FABRICATION**  
[72] GUNKELMAN, R. FRANK, US  
[72] JAMBOIS, JOHN C., US  
[73] TECTON PRODUCTS, US  
[22] 1997-05-14  
[30] US (08/654,375) 1996-05-28

---

**[11] 2,205,978**  
[13] C

[51] Int.Cl. 6B29C 45/18  
[25] EN  
[54] **CONNECTOR BUSHING FOR INJECTION MOLDING MANIFOLDS**  
[54] **MANCHON DE RACCORDEMENT DE COLLECTEURS DE MOULAGE PAR INJECTION**  
[72] GELLERT, JOBST ULRICH, CA  
[73] GELLERT, JOBST ULRICH, CA  
[22] 1997-05-23

---

**[11] 2,207,709**  
[13] C

[51] Int.Cl. 6E01C 23/00 6E01D 22/00  
[25] EN  
[54] **RESTORATION OF CONCRETE DECKS**  
[54] **RESTAURATION DE TABLIERS EN BETON**  
[72] WHITMORE, DAVID W., CA  
[73] WHITMORE, DAVID W., CA  
[22] 1997-06-13

---

**[11] 2,208,895**  
[13] C

[51] Int.Cl. 6B62D 5/04  
[25] EN  
[54] **ELECTRIC POWER STEERING DEVICE**  
[54] **DIRECTION ASSISTEE ELECTRIQUE**  
[72] KODAIRA, TADAO, JP  
[72] AOKI, SUSUMU, JP  
[72] ONODERA, TSUGIO, JP  
[73] MITSUBA CORPORATION, JP  
[22] 1997-06-24  
[30] JP (08-201233) 1997-07-11

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**[11] 2,213,168**  
[13] C

[51] Int.Cl. 6C09K 3/18  
[25] EN  
[54] **WATER REPELLENT COATING COMPOSITION, METHOD FOR PREPARING THE SAME, AND COATING FILMS AND COATED ARTICLES USING THE SAME**  
[54] **COMPOSITION ET METHODE DE PREPARATION D'UN ENDUIT HYDROFUGE ET FEUILS ET ARTICLES ENDUITS**  
[72] MATSUURA, TAKETOSHI, JP  
[72] FUJIMORI, SUSUMU, JP  
[72] TAKAHASHI, MASAYA, JP  
[72] ISHITANI, MAMORU, JP  
[72] FUNAKOSHI, NOBUHIRO, JP  
[72] NOHARA, AKIRA, JP  
[72] TABEI, HISAO, JP  
[72] HAGA, YOSHIAKI, JP  
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[73] NTT ADVANCED TECHNOLOGY CORPORATION, JP  
[22] 1997-08-15  
[30] JP (233,716/1996) 1996-08-16  
[30] JP (143,269/1997) 1997-05-16

---

**[11] 2,219,086**  
[13] C

[51] Int.Cl. 6E02B 7/22  
[25] EN  
[54] **MOBILE DEMOUNTABLE LIQUID PROTECTIVE WALL FROM HORIZONTALLY S-SHAPE INDENTED PROFILE ELEMENTS, WHICH CAN BE STACKED ON TOP OF EACH OTHER**  
[54] **ECRAN PROTECTEUR POUR LIQUIDE, MOBILE, DEMONTABLE ET FORME D'ELEMENTS PROFILÉS DENTES EN S EMPILABLES**  
[72] ZETZSCH, KLAUS, DE  
[73] ZETZSCH, KLAUS, DE  
[85] 1997-11-14  
[86] 1996-04-26 (PCT/DE1996/000732)  
[87] (WO1996/036773)  
[30] DE (195 19 082.3) 1995-05-16

**Brevets canadiens délivrés**  
**18 janvier 2005**

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**[11] 2,225,685**  
[13] C

[51] Int.Cl. 6A23B 7/154 6A23N 12/02  
6C11D 3/06 6A23B 7/158  
[25] EN  
[54] CLEANING/SANITIZING METHODS, COMPOSITIONS, AND/OR ARTICLES FOR PRODUCE  
[54] PROCEDES DE NETTOYAGE/DESINFECTION, COMPOSITIONS ET/OU ARTICLES POUR PRODUITS AGRICOLES  
[72] WARD, THOMAS EDWARD, US  
[72] MURCH, BRUCE PRENTISS, GB  
[72] ROSELLE, BRIAN JOSEPH, US  
[72] JONES, KYLE DAVID, US  
[72] TRINH, TOAN, US  
[72] BAKER, KEITH HOMER, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-12-23  
[86] 1996-06-03 (PCT/US1996/010199)  
[87] (WO1997/001289)  
[30] US (08/495,288) 1995-06-27

---

**[11] 2,228,000**  
[13] C

[51] Int.Cl. 6B65G 1/04 6B61B 13/00  
[25] EN  
[54] RAIL-GUIDED TRANSPORT SYSTEM WITH TRANSPORT VEHICLES  
[54] SYSTEME DE TRANSPORT AVEC VEHICULES DE TRANSPORT GUIDES PAR RAILS  
[72] ZORN, MICHAEL, DE  
[72] SAUERWEIN, RICHARD, DE  
[73] ALCATEL, FR  
[85] 1998-02-25  
[86] 1997-07-03 (PCT/EP1997/003737)  
[87] (WO1998/001377)  
[30] DE (196 26 966.0) 1996-07-04

---

**[11] 2,231,390**  
[13] C

[51] Int.Cl. 6A24D 1/02 6D21H 17/74  
[25] EN  
[54] SMOKING ARTICLE WRAPPER AND METHOD OF MAKING SAME FOR CONTROLLING IGNITION PROCLIVITY OF A SMOKING ARTICLE  
[54] MATERIAU D'ENVELOPPEMENT POUR ARTICLE DE FUMEUR ET METHODE POUR SA FABRICATION DESTINEE A REDUIRE SA PROPENSIO A L'INFLAMMATION  
[72] PETERSON, RICHARD M., US  
[72] KUCHEROVSKY, JOSEPH S., US  
[72] GOODROW, JOHN H., US  
[73] SCHWEITZER-MAUDUIT INTERNATIONAL, INC., US  
[22] 1998-03-09  
[30] US (08/815,878) 1997-03-10

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**[11] 2,234,056**  
[13] C

[51] Int.Cl. 6F04B 27/08  
[25] EN  
[54] METHOD AND DEVICE FOR FABRICATING PISTON ASSEMBLY  
[54] PROCEDE ET DISPOSITIF DE FABRICATION D'UN ENSEMBLE PISTON  
[72] ITO, SHINICHI, JP  
[73] SANYO MACHINE WORKS, LTD., JP  
[85] 1998-04-06  
[86] 1996-08-07 (PCT/JP1996/002243)  
[87] (WO1998/005865)

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**[11] 2,235,039**  
[13] C

[51] Int.Cl. 6A01N 37/24 6A01N 47/10  
6A01N 37/34 6A01N 37/50 6A01N 43/54  
6A01N 43/56 6A01N 43/64 6A01N 43/72  
[25] EN  
[54] FUNGICIDAL MIXTURE  
[54] MELANGE FONGICIDE  
[72] WAGNER, OLIVER, DE  
[72] AMMERMANN, EBERHARD, DE  
[72] LORENZ, GISELA, DE  
[72] STRATHMANN, SIEGFRIED, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[85] 1998-05-07  
[86] 1996-11-18 (PCT/EP1996/005064)  
[87] (WO1997/019595)  
[30] DE (19543746.2) 1995-11-24

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**[11] 2,235,322**  
[13] C

[51] Int.Cl. 6C01F 11/02 6C04B 2/04  
6B01J 20/04  
[25] FR  
[54] PARTICULES DE CA(OH)2  
[54] CA(OH)2 PARTICLES  
[72] FRANCOISSE, OLIVIER, BE  
[72] LAUDET, ALAIN, BE  
[72] LANGELIN, HENRI RENE, FR  
[72] POISSON, REGIS, FR  
[73] LHOIST RECHERCHE ET DEVELOPPEMENT S.A., BE  
[85] 1998-04-17  
[86] 1996-10-18 (PCT/BE1996/000111)  
[87] (WO1997/014650)  
[30] BE (9500870) 1995-10-19

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**[11] 2,235,659**  
[13] C

[51] Int.Cl. 6G07F 17/24 6C23C 2/02  
6C23C 2/06 6G07C 1/30 6B05D 1/38  
[25] EN  
[54] HOUSING FOR PARKING METERS AND OTHER OUTDOOR TOKEN HANDLING DEVICES AND METHOD OF MAKING AND REFURBISHING SAME  
[54] METHODE POUR L'APPLICATION ET LA RESTAURATION DU REVETEMENT APPLIQUE AUX BOITIERS DE PARCOMETRES ET AUTRES ACCESSOIRES UTILISES A L'EXTERIEUR  
[72] LEWIN, SCOTT JAY, US  
[73] KEPKE, ALAN H., US  
[73] LEWIN, SCOTT JAY, US  
[73] KOTLER, STANLEY, US  
[22] 1998-04-23  
[30] US (08/841,724) 1997-04-24

**Canadian Patents Issued  
January 18, 2005**

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[11] **2,235,961**  
[13] C

[51] Int.Cl. 6C25B 9/00 6C25B 1/28  
[25] EN  
[54] CO-GENERATION OF  
AMMONIUM PERSULFATE AND  
HYDROGEN PEROXIDE  
[54] COPRODUCTION DE  
PERSULFATE D'AMMONIUM ET DE  
PEROXYDE D'HYDROGÈNE  
[72] ROGERS, DEREK J., CA  
[72] JACKSON, JOHN R., US  
[72] MUMBY, TIMOTHY ALAN, CA  
[72] DONG, DENNIS F., CA  
[73] FINNCHEM USA INC., US  
[85] 1998-04-27  
[86] 1996-10-29 (PCT/US1996/017485)  
[87] (WO1997/016584)  
[30] US (08/553,018) 1995-11-03

[11] **2,236,660**  
[13] C

[51] Int.Cl. 6B62D 21/12 6B62K 27/02  
6B62D 63/06  
[25] EN  
[54] FOLDING FRAME FOR A  
VEHICLE OR TRAILER  
[54] CHASSIS PLIABLE POUR  
VEHICULE OU REMORQUE  
[72] BELL, ROBERT, CA  
[73] BELL, ROBERT, CA  
[22] 1998-05-01

[11] **2,236,774**  
[13] C

[51] Int.Cl. 6A63B 22/02  
[25] EN  
[54] SUSPENSION SYSTEM FOR  
EXERCISE APPARATUS  
[54] SYSTEME DE SUSPENSION POUR  
APPAREIL D'EXERCICE  
[72] MOORE, STEVE, US  
[72] MORAN, THOMAS, US  
[72] WHAN-TONG, JANINE, US  
[73] PRECOR INCORPORATED, US  
[22] 1998-05-06

[11] **2,237,337**  
[13] C

[51] Int.Cl. 6D21H 17/74 6D21H 21/10  
6D21H 17/45  
[25] EN  
[54] A PROCESS FOR THE  
PRODUCTION OF PAPER  
[54] PROCEDE DE FABRICATION DE  
PAPIER  
[72] LINDGREN, ERIK, SE  
[72] ASPLUND, ANNA, SE  
[72] ANDERSSON, KJELL, SE  
[73] EKA CHEMICALS AB, SE  
[85] 1998-05-11  
[86] 1996-11-08 (PCT/SE1996/001442)  
[87] (WO1997/018351)  
[30] SE (9504081-2) 1995-11-15

[11] **2,237,470**  
[13] C

[51] Int.Cl. 6C07H 17/08 6C07H 23/00  
[25] EN  
[54] PROCESS FOR 6-O-ALKYLATION  
OF ERYTHROMYCIN DERIVATIVES  
[54] PROCEDE DE 6-O ALKYLATION  
DE DERIVES DE L'ERYTHROMYCINE  
[72] LIU, JIH-HUA, US  
[72] FOSTER, GEORGE A., JR., US  
[72] MONTGOMERY, STEPHEN H., US  
[73] ABBOTT LABORATORIES, US  
[85] 1998-05-12  
[86] 1996-10-25 (PCT/US1996/017017)  
[87] (WO1997/019096)  
[30] US (08/560,752) 1995-11-21

[11] **2,239,280**  
[13] C

[51] Int.Cl. 6E21B 47/12 6E21B 47/00  
[25] EN  
[54] FORMATION DATA SENSING  
WITH DEPLOYED REMOTE SENSORS  
DURING WELL DRILLING  
[54] CAPTAGE DE DONNEES SUR DES  
FORMATIONS AU MOYEN DE  
TELECAPTEURS INSTALLEES AU  
COURS DES FORAGES  
[72] TABANOU, JACQUES R., US  
[72] HUTIN, REMI, US  
[72] CIGLENEC, REINHART, US  
[73] SCHLUMBERGER CANADA  
LIMITED, CA  
[22] 1998-06-01  
[30] US (60/048,254) 1997-06-02  
[30] US (09/019,466) 1998-02-05

[11] **2,240,284**  
[13] C

[51] Int.Cl. 6C05B 15/00  
[25] EN  
[54] IMPROVED FORMULATION FOR  
FERTILIZER ADDITIVE  
CONCENTRATE  
[54] FORMULATION AMELIOREE  
D'UN CONCENTRE D'ADDITIFS POUR  
ENGRAIS  
[72] OMILINSKY, BARRY A., US  
[72] LINDSAY, ALEXANDER D., US  
[72] THORNSBERRY, WILLIS L., JR., US  
[72] SUTTON, ALLEN R., US  
[73] IMC-AGRICO COMPANY, US  
[85] 1998-06-11  
[86] 1996-12-10 (PCT/US1996/019223)  
[87] (WO1997/022568)  
[30] US (08/575,025) 1995-12-19

[11] **2,241,739**  
[13] C

[51] Int.Cl. 6G01S 5/14 6H03M 7/00  
[25] EN  
[54] GLOBAL NAVIGATION  
SATELLITE SYSTEM RECEIVER  
WITH BLANKED-PRN CODE  
CORRELATION  
[54] RECEPTEUR DE SYSTEME  
GLOBAL DE NAVIGATION A  
SATELLITES A CORRELATION  
UTILISANT UN CODE A BRUIT  
PSEUDOALEATOIRE EFFACE  
[72] VAN DIERENDONCK, ALBERT J.,  
US  
[72] FENTON, PATRICK C., CA  
[73] NOVATEL, INC., CA  
[22] 1998-06-25  
[30] US (08/892,871) 1997-07-15

[11] **2,241,959**  
[13] C

[51] Int.Cl. 6E05D 15/24 6E05D 13/00  
6E05D 15/38  
[25] EN  
[54] COMPACT TRACK SYSTEM WITH  
REAR MOUNT COUNTERBALANCE  
SYSTEM FOR SECTIONAL DOORS  
[54] SYSTEME DE RAIL COMPACT  
COMPRENANT UN SYSTEME DE  
CONTREPOIDS ARRIERE DESTINE A  
DES PORTES EN SECTIONS  
[72] MULLET, WILLIS J., US  
[72] PAQUETTE, DEREK S., US  
[73] WAYNE-DALTON CORP., US  
[85] 1998-07-02  
[86] 1996-11-07 (PCT/US1996/017811)  
[87] (WO1998/020224)

Brevets canadiens délivrés  
18 janvier 2005

---

[11] **2,249,983**  
[13] C  
[51] Int.Cl. 6F24D 17/00 6F24D 19/10  
[25] EN  
[54] METHOD AND DEVICE FOR TEMPERATURE CONTROL OF HOT TAP-WATER  
[54] TECHNIQUE ET APPAREIL DE COMMANDE DE LA TEMPERATURE DE L'EAU D'UN ROBINET D'EAU CHAUX  
[72] OTTOSSON, ALF, SE  
[73] OTTOSSON, ALF, SE  
[85] 1998-09-24  
[86] 1997-03-24 (PCT/SE1997/000509)  
[87] (WO1997/036138)  
[30] SE (9601181-2) 1996-03-27

---

[11] **2,250,006**  
[13] C  
[51] Int.Cl. 6G01S 5/14 6G01S 1/20  
[25] EN  
[54] SPOOFING DETECTION SYSTEM FOR A SATELLITE POSITIONING SYSTEM  
[54] SYSTEME DE DETECTION DE DIVERSION POUR SYSTEME DE POSITIONNEMENT PAR SATELLITE  
[72] HARTMAN, RANDOLPH G., US  
[73] HONEYWELL INC., US  
[85] 1998-09-24  
[86] 1996-06-12 (PCT/US1996/010309)  
[87] (WO1997/047987)

---

[11] **2,250,136**  
[13] C  
[51] Int.Cl. 6B32B 15/08 6B32B 31/00  
[25] EN  
[54] THERMOPLASTIC RESIN-COATED ALUMINUM ALLOY PLATE AND PROCESS AND APPARATUS FOR PRODUCING THE SAME  
[54] PLAQUE D'ALLIAGE D'ALUMINIUM REVETUE DE RESINE THERMOPLASTIQUE, APPAREIL ET PROCEDE DE PRODUCTION  
[72] TANIGUCHI, AYUMU, JP  
[72] SHIRAI, SHINJI, JP  
[72] TANABE, JUN-ICHI, JP  
[72] KOMAI, MASAO, JP  
[72] SHIMIZU, KEIICHI, JP  
[73] TOYO KOHAN CO., LTD., JP  
[85] 1998-09-25  
[86] 1997-03-24 (PCT/JP1997/000966)  
[87] (WO1997/035716)  
[30] JP (8/95828) 1996-03-27

---

[11] **2,251,482**  
[13] C  
[51] Int.Cl. 6C04B 35/66 6C04B 41/45  
6C04B 41/81  
[25] EN  
[54] METHOD FOR PRODUCING CORROSION RESISTANT REFRACTORIES  
[54] METHODE DE PRODUCTION DE REFRACTAIRES RESISTANT A LA CORROSION  
[72] PASKOCIMAS, CARLOS ALBERTO, BR  
[72] DA SILVA, ELSON LONGO, BR  
[72] KOBAYASHI, WILLIAM THORU, BR  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1998-10-26  
[30] US (08/958,560) 1997-10-27

---

[11] **2,251,789**  
[13] C  
[51] Int.Cl. 6F16H 61/06 6F16H 47/04  
6F16H 37/08 6F16H 15/36  
[25] EN  
[54] CVT CONTROL SYSTEM  
[54] SYSTEME DE COMMANDE D'UNE TRANSMISSION VARIABLE EN CONTINU  
[72] GREENWOOD, CHRISTOPHER JOHN, GB  
[73] TOROTRAK (DEVELOPMENT) LIMITED, GB  
[85] 1998-10-15  
[86] 1997-04-04 (PCT/GB1997/000956)  
[87] (WO1997/040296)  
[30] GB (9608147.6) 1996-04-19

---

[11] **2,251,889**  
[13] C  
[51] Int.Cl. 6C12N 5/08 6C12N 5/06  
[25] EN  
[54] PROCESS FOR PRODUCING AND MULTIPLYING LYMPHOCYTES  
[54] PROCEDE DE PRODUCTION ET DE MULTIPLICATION DE LYMPHOCYTES  
[72] ALBERT, WINFRIED, DE  
[72] BARCHET, HEINRICH, DE  
[72] JUNGFER, HERBERT, DE  
[73] ALBERT, WINFRIED, DE  
[85] 1998-10-16  
[86] 1997-04-17 (PCT/EP1997/001924)  
[87] (WO1997/039108)  
[30] EP (96105993.8) 1996-04-17

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[11] **2,261,067**  
[13] C  
[51] Int.Cl. 6B60N 2/44 6B60H 1/00  
[25] EN  
[54] AIR COOLED/HEATED VEHICLE SEAT ASSEMBLY  
[54] ENSEMBLE SIEGE DE VEHICULE REFROIDI/CHAUFFE PAR AIR  
[72] LUSH, MICHAEL E., US  
[73] ATOMA INTERNATIONAL INC., CA  
[85] 1999-01-14  
[86] 1997-02-06 (PCT/IB1997/000185)  
[87] (WO1998/002330)  
[30] US (08/680,667) 1996-07-16

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[11] **2,261,085**  
[13] C  
[51] Int.Cl. 6B08B 3/02 6B08B 5/04 6D21F  
3/10  
[25] EN  
[54] HIGH PRESSURE RECIPROCATING SUCTION ROLL SHOWER  
[54] DOUCHE A ROULEAU ASPIRANT A MOUVEMENT ALTERNATIF  
[72] THERIAULT, RAYMOND, CA  
[73] BOWATER CANADIAN FOREST PRODUCTS INC. - BOWATER PRODUITS FORESTIERS DU CANADA INC., CA  
[22] 1999-02-01

---

[11] **2,261,452**  
[13] C  
[51] Int.Cl. 6E02F 3/96 6E02F 3/36  
[25] EN  
[54] FRAME FOR MOUNTING ON A BOOM MOUNTED QUICK CHANGE BRACKET  
[54] CADRE POUR MONTAGE SUR UN SUPPORT A REMplacement RAPIDE MONTE SUR UNE FLECHE  
[72] ASCHE, JASON J., US  
[72] KACZMRSKI, WALLY L., US  
[72] WEBER, HENRY J., US  
[72] BERARD, CRAIG A., US  
[72] SAGASER, THOMAS M., US  
[73] CLARK EQUIPMENT COMPANY, US  
[22] 1999-02-11  
[30] US (09/028,074) 1998-02-23

**Canadian Patents Issued  
January 18, 2005**

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[11] <b>2,263,588</b>
[13] C
[51] Int.Cl. 6H04L 9/30
[25] EN
<b>[54] PUBLIC KEY CRYPTOSYSTEM METHOD AND APPARATUS</b>
<b>[54] PROCEDE ET APPAREIL RELATIFS A UN SYSTEME CRYPTOGRAPHIQUE A CLE REVELEE</b>
[72] PIPHER, JILL, US
[72] HOFFSTEIN, JEFFREY, US
[72] SILVERMAN, JOSEPH H., US
[73] NTRU CRYPTOSYSTEMS, INC., US
[85] 1999-02-17
[86] 1997-08-19 (PCT/US1997/015826)
[87] (WO1998/008323)
[30] US (60/024,133) 1996-08-19

---

[11] <b>2,270,826</b>
[13] C
[51] Int.Cl. 6F41J 9/16
[25] EN
<b>[54] SAFE PROJECTABLE TARGETS</b>
<b>[54] PIGEONS D'ARGILE SECURITAIRES</b>
[72] SKEUSE, BRIAN, US
[72] SPENCER, RUPERT, US
[73] REAGENT CHEMICAL & RESEARCH, INC., US
[22] 1999-05-03
[30] US (09/072,702) 1998-05-05

---

[11] <b>2,271,800</b>
[13] C
[51] Int.Cl. 6A61F 2/44
[25] EN
<b>[54] INTERVERTEBRAL PROSTHETIC DEVICE</b>
<b>[54] PROTHESE INTERVERTEBRALE</b>
[72] BUTTERMANN, GLENN R., US
[73] BUTTERMANN, GLENN R., US
[85] 1999-05-13
[86] 1997-11-06 (PCT/US1997/019610)
[87] (WO1998/022050)
[30] US (08/753,334) 1996-11-22

---

[11] <b>2,269,055</b>
[13] C
[51] Int.Cl. 6H04L 1/24 6H04B 1/12
[25] EN
<b>[54] METHOD FOR THE TRANSMISSION OF DIGITAL SIGNALS</b>
<b>[54] PROCEDE POUR LA TRANSMISSION DE SIGNAUX NUMERIQUES</b>
[72] HORLLE, CHRISTIAN, DE
[72] SCHAFER, ANDREAS, DE
[72] RUDOLPH, DIETMAR, DE
[73] DEUTSCHE TELEKOM AG, DE
[85] 1999-04-16
[86] 1997-11-03 (PCT/EP1997/006042)
[87] (WO1998/021849)
[30] DE (196 46 164.2) 1996-11-08

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[11] <b>2,270,942</b>
[13] C
[51] Int.Cl. 6C08G 18/48 6A01G 5/00
<b>6C08J 9/02</b>
[25] EN
<b>[54] OPEN-CELL POLYISOCYANURATE FOAM FOR FIXING AND SUPPORTING PLANTS</b>
<b>[54] MOUSSE DE POLYISOCYANURATE A ALVEOLES OUVERTES PERMETTANT D'IMMOBILISER ET DE SOUTENIR DES PLANTES</b>
[72] SANO, YOKO, JP
[73] TOYO QUALITY ONE CORPORATION, JP
[85] 1999-04-30
[86] 1998-09-03 (PCT/JP1998/003952)
[87] (WO1999/011689)
[30] JP (9-276347) 1997-09-03
[30] JP (9-370280) 1997-12-26
[30] JP (10-42762) 1998-01-21

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[11] <b>2,275,670</b>
[13] C
[51] Int.Cl. 6G01M 17/02
[25] EN
<b>[54] APPARATUS AND METHOD FOR DETERMINING AXIAL STABILITY</b>
<b>[54] APPAREIL ET PROCEDE POUR DETERMINER LA STABILITE AXIALE</b>
[72] CHRISTIAN, DONALD J., US
[72] SHROFF, HOSHANG, US
[72] JACKSON, DAVID, US
[72] JACKSON, BERNIE, US
[73] SNAP-ON INCORPORATED, US
[85] 1999-06-22
[86] 1998-11-04 (PCT/US1998/023465)
[87] (WO1999/023464)
[30] US (08/965,032) 1997-11-05

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[11] <b>2,269,638</b>
[13] C
[51] Int.Cl. 6C07K 14/54 6A61K 38/20
[25] EN
<b>[54] ICE INHIBITING PEPTIDES</b>
<b>[54] PEPTIDES INHIBANT UNE ICE (ENZYME DE CONVERSION DE L'INTERLEUKINE-1.BETA.)</b>
[72] MUZIO, MARTA, US
[72] MANTOVANI, ALBERTO, IT
[72] INTRONA, MARTINO, IT
[73] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN
[85] 1999-04-28
[86] 1996-10-31 (PCT/EP1996/004738)
[87] (WO1998/018823)

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[11] <b>2,270,980</b>
[13] C
[51] Int.Cl. 6H01B 1/24 6C04B 35/52
[25] EN
<b>[54] ELECTRICALLY CONDUCTIVE COMPOSITIONS AND METHODS FOR PRODUCING SAME</b>
<b>[54] COMPOSITIONS ELECTRO- CONDUCTRICES ET PROCEDE DE PRODUCTION DE CES COMPOSITIONS</b>
[72] NARKIS, MOSHE, IL
[72] TCHOUDAKOV, ROSA, IL
[72] SIEGMANN, ARNON, IL
[72] VAXMAN, ANITA, IL
[73] CARMEL OLEFINS LTD., IL
[85] 1999-05-06
[86] 1997-10-26 (PCT/IL1997/000342)
[87] (WO1998/020503)
[30] US (60/030,621) 1996-11-07

[11] <b>2,277,402</b>
[13] C
[51] Int.Cl. 6B23K 37/04
[25] EN
<b>[54] A HOLDING DEVICE FOR WORKPIECES IN THE FORM OF EVEN METAL SHEETS</b>
<b>[54] DISPOSITIF DE RETENUE POUR PIECES A USINER SOUS FORME DE TOLES PLATES</b>
[72] DORNER, REINER, DE
[73] SCHULER HELD LASERTECHNIK GMBH & CO. KG, DE
[22] 1999-07-15
[30] DE (198 40 612.6) 1998-09-05

Brevets canadiens délivrés  
18 janvier 2005

[11] 2,280,440  
[13] C

[51] Int.Cl. 6B62D 21/15  
[25] EN  
[54] AUTOMOTIVE VEHICLE BODY STRUCTURE DEMONSTRATING A CONTROLLED REACTION LOAD  
[54] STRUCTURE DE CARROSSERIE DE VEHICULE AUTOMOBILE PRESENTANT UNE CHARGE DE REACTION CONTROLEE  
[72] MOTOZAWA, YASUKI, JP  
[72] HANNA, KIYOSHI, JP  
[72] OKAMOTO, MASAYOSHI, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
[22] 1999-08-12  
[30] JP (10-230533) 1998-08-17  
[30] JP (10-230534) 1998-08-17  
[30] JP (11-172019) 1999-06-18

[11] 2,281,729  
[13] C

[51] Int.Cl. 6H04Q 3/66 6H04M 3/20  
[25] EN  
[54] ALTERNATE ROUTING FOR CALLS REQUIRING MONITORING  
[54] ACHEMINEMENT A DEVIATION POUR APPELS NECESSITANT UNE SURVEILLANCE  
[72] COYNE, MICHAEL, SE  
[72] PELTONEN, ARI, DE  
[72] VALENTINE, ERIC L., US  
[72] JOENSUU, ERKKI, FI  
[73] ERICSSON, INC., US  
[85] 1999-08-12  
[86] 1998-02-17 (PCT/US1998/002784)  
[87] (WO1998/037712)  
[30] US (08/802,671) 1997-02-19

[11] 2,289,778  
[13] C

[51] Int.Cl. 7B25J 3/00  
[25] EN  
[54] MASTER-SLAVE MANIPULATOR APPARATUS AND METHOD THEREFOR, FURTHER TRAINING APPARATUS FOR MANIPULATOR OPERATION INPUT AND METHOD THEREFOR  
[54] MANIPULATEUR MAITRE-ESCLAVE ET METHODE CONNEXE, APPAREIL DE FORMATION PLUS POUSSÉE POUR FAIRE FONCTIONNER LE MANIPULATEUR ET METHODE CONNEXE  
[72] NISHIZAWA, KOJI, JP  
[72] KAN, KAZUTOSHI, JP  
[72] FUJIE, MASAKATSU, JP  
[73] TECHNOLOGY RESEARCH ASSOCIATION OF MEDICAL AND WELFARE APPARATUS, JP  
[22] 1999-11-16  
[30] JP (10-325470) 1998-11-16

[11] 2,289,781  
[13] C

[51] Int.Cl. 7H02K 9/00 7H02K 9/04  
[25] EN  
[54] ROTATING MACHINE  
[54] MACHINE TOURNANTE  
[72] SEMBA, AKITOMI, JP  
[72] SONOBE, TADASHI, JP  
[72] YAGI, YASUOMI, JP  
[72] SATO, JUNJI, JP  
[72] WATANABE, TAKASHI, JP  
[72] ISHIHARA, ATSUSHI, JP  
[72] HATTORI, KENICHI, JP  
[72] HAKUTA, SHINSAKU, JP  
[72] MORI, HIDEAKI, JP  
[72] TSUJI, EIJI, JP  
[73] HITACHI, LTD., JP  
[22] 1999-11-16  
[30] JP (10-333675) 1998-11-25  
[30] JP (11-71408) 1999-03-17

[11] 2,290,424  
[13] C

[51] Int.Cl. 7C11D 17/06 7C11D 11/00  
7C11D 11/02  
[25] EN  
[54] GRANULAR DETERGENT COMPOSITIONS AND THEIR PRODUCTION  
[54] COMPOSITIONS DETERGENTES GRANULAIRES ET LEUR PRODUCTION  
[72] APPEL, PETER WILLEM, NL  
[72] VAN DER KRAAN, MARCEL, NL  
[73] UNILEVER PLC, GB  
[85] 1999-11-17  
[86] 1998-05-11 (PCT/EP1998/002985)  
[87] (WO1998/054288)  
[30] GB (9711350.0) 1997-05-30

[11] 2,291,619  
[13] C

[51] Int.Cl. 7C07D 221/14 7C10M 171/00  
7C09B 57/08  
[25] EN  
[54] LIQUID BENZ-ISO-QUINOLINE DERIVATIVES  
[54] DERIVES DE BENZ-ISO-QUINOLEINE LIQUIDE  
[72] SMITH, MICHAEL J., US  
[72] DESAI, BHARAT, US  
[73] UNITED COLOR MANUFACTURING, INC., US  
[85] 1999-11-30  
[86] 1998-05-29 (PCT/US1998/011041)  
[87] (WO1998/054150)  
[30] US (08/866,032) 1997-05-30

[11] 2,291,757  
[13] C

[51] Int.Cl. 7G03B 11/00  
[25] EN  
[54] IMAGE MODIFIERS FOR USE IN PHOTOGRAPHY  
[54] MODIFICATEUR D'IMAGES A USAGE PHOTOGRAPHIQUE  
[72] HYLEN, STEVEN H. L., US  
[73] SMARTLENS CORPORATION, US  
[85] 1999-11-08  
[86] 1997-05-09 (PCT/US1997/008605)  
[87] (WO1998/050825)

**Canadian Patents Issued  
January 18, 2005**

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**[11] 2,292,581**  
[13] C

[51] Int.Cl. 7B65B 53/02  
[25] EN  
[54] SHRINKING END SEAMS IN A WRAPPED PRODUCT  
[54] RETRACTION DE SERTIS TERMINAUX D'UN PRODUIT EMBALLE  
[72] TOLSON, SIDNEY S., US  
[73] OSSID CORPORATION, US  
[85] 1999-11-30  
[86] 1998-04-30 (PCT/US1998/008833)  
[87] (WO1998/055363)  
[30] US (08/868,495) 1997-06-03

**[11] 2,293,332**  
[13] C

[51] Int.Cl. 7B26B 21/52  
[25] EN  
[54] FOLDING RAZOR  
[54] RASOIR PLIANT  
[72] POLITES, ALEXANDRA, US  
[73] BIC VIOLEX S.A., GR  
[85] 1999-12-06  
[86] 1998-05-11 (PCT/IB1998/000965)  
[87] (WO1998/056545)  
[30] US (08/871,070) 1997-06-09

**[11] 2,294,031**  
[13] C

[51] Int.Cl. 7A61K 9/107 7A61K 31/20  
7A61K 31/23 7A61K 9/48  
[25] EN  
[54] SELF-EMULSIFYING FORMULATION FOR LIPOPHILIC COMPOUNDS  
[54] FORMULATION AUTOEMULSIFIANTE POUR COMPOSES LIPOPHILES  
[72] GAO, PING, US  
[72] MOROZOWICH, WALTER, US  
[73] PHARMACIA & UPJOHN COMPANY LLC, US  
[85] 1999-12-14  
[86] 1998-07-27 (PCT/US1998/014818)  
[87] (WO1999/006024)  
[30] US (60/054,012) 1997-07-29  
[30] US (60/054,078) 1997-07-29

**[11] 2,295,597**  
[13] C

[51] Int.Cl. 7F21S 8/00 7F21S 8/04  
[25] EN  
[54] IMPROVED CANOPY LIGHT  
[54] LAMPE AMELIOREE POUR ABRI  
[72] NACHTIGALL, RICHARD L., US  
[72] RUUD, ALAN J., US  
[72] HAUGAARD, ERIC J., US  
[73] RUUD LIGHTING, INC., US  
[85] 2000-01-07  
[86] 1998-06-08 (PCT/US1998/012147)  
[87] (WO1999/005449)  
[30] US (08/899551) 1997-07-24

**[11] 2,296,863**  
[13] C

[51] Int.Cl. 7B23D 23/00 7E06B 9/266  
[25] EN  
[54] VENETIAN BLIND CUTTING MACHINE  
[54] MACHINE POUR COUPER LES STORES VENITIENS  
[72] HSU, YA-WEI, XX  
[72] WANG, WEI-CHENG, XX  
[73] INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, XX  
[73] NIEN MADE ENTERPRISE CO., LTD., XX  
[22] 2000-01-21

**[11] 2,302,459**  
[13] C

[51] Int.Cl. 7G07B 15/00  
[25] EN  
[54] RADIO FREQUENCY HIGHWAY MANAGEMENT SYSTEM  
[54] SYSTEME DE GESTION D'AUTOROUTES A HAUTES FREQUENCES  
[72] COOK, JAMES KENNETH, CA  
[72] TERRIER, DANIEL L., CA  
[72] OOMEN, PETER, CA  
[73] MARK IV INDUSTRIES LIMITED, CA  
[22] 2000-03-16  
[30] CA (2,265,398) 1999-03-17

**[11] 2,304,590**  
[13] C

[51] Int.Cl. 7C10L 3/10 7C01B 17/05  
7B01D 53/14  
[25] EN  
[54] HYDROGEN SULFIDE REMOVAL PROCESS  
[54] PROCEDE D'ELIMINATION DE SULFURE D'HYDROGENE  
[72] SMITH, JAMES W., CA  
[72] MEFFE, SILVANO, CA  
[72] ELLENOR, DAVID T.R., CA  
[72] WALTON, PETER S., CA  
[73] APOLLO ENVIRONMENTAL SYSTEMS CORP., CA  
[85] 2000-03-23  
[86] 1998-11-12 (PCT/CA1998/001051)  
[87] (WO1999/024531)  
[30] US (60/065,287) 1997-11-12

**[11] 2,307,154**  
[13] C

[51] Int.Cl. 7C09G 1/02 7B24B 1/00  
7G11B 5/84  
[25] EN  
[54] POLISHING SLURRY  
[54] PATE FLUIDE DE POLISSAGE  
[72] KNAPP, JAMES KENT, US  
[72] KWOK, DORIS, US  
[73] PRAXAIR S.T. TECHNOLOGY, INC., US  
[22] 2000-04-28  
[30] US (09/303,920) 1999-05-03

**[11] 2,307,545**  
[13] C

[51] Int.Cl. 7G06F 13/366 7G06F 15/173  
[25] EN  
[54] SUPERVISORY SYSTEM AND METHOD  
[54] SYSTEME ET METHODE DE SUPERVISION  
[72] OGURI, TOSHIKATA, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 2000-05-04  
[30] JP (11-135391) 1999-05-17

Brevets canadiens délivrés  
18 janvier 2005

---

[11] 2,309,415  
[13] C

[51] Int.Cl. 7A61F 13/53 7A61F 13/472  
7A61F 13/49  
[25] EN  
[54] LIQUID-PERVIOUS TOPSHEET  
FOR DISPOSABLE ABSORBENT  
ARTICLE AND PROCESS FOR  
MAKING THE SAME  
[54] COUCHE SUPERIEURE  
PERMEABLE AUX LIQUIDES POUR  
ARTICLE ABSORBANT JETABLE ET  
PROCEDE DE FABRICATION DE CE  
PRODUIT  
[72] HISANAKA, TAKAYUKI, JP  
[72] TAKAI, HISASHI, JP  
[73] UNI-CHARM CORPORATION, JP  
[22] 2000-05-24  
[30] JP (11-157016) 1999-06-03

---

[11] 2,309,433  
[13] C

[51] Int.Cl. 6H04L 12/56 6H04Q 11/04  
[25] EN  
[54] METHOD FOR MEASURING ATM  
CELL RATES  
[54] METHODE DE MESURE DES  
TAUX DE CELLULES ATM  
[72] HEISS, HERBERT, DE  
[73] SIEMENS AKTIENGESELLSCHAFT,  
DE  
[85] 2000-05-05  
[86] 1998-08-14 (PCT/DE1998/002385)  
[87] (WO1999/025100)  
[30] DE (197 49 390.4) 1997-11-07

---

[11] 2,310,082  
[13] C

[51] Int.Cl. 6F21S 1/02 6F21V 33/00  
6F21V 25/04 6F21V 21/22  
[25] EN  
[54] LIGHT FIXTURE APPARATUS  
WITH AUXILIARY LIGHT  
[54] LUMINAIRE AVEC LAMPE  
AUXILIAIRE  
[72] GALLANT, DENNIS J., US  
[72] AMBACH, DOUGLAS C., US  
[73] HILL-ROM SERVICES, INC., US  
[85] 2000-05-12  
[86] 1998-11-12 (PCT/US1998/024112)  
[87] (WO1999/026017)  
[30] US (60/065,695) 1997-11-14

---

[11] 2,310,322  
[13] C

[51] Int.Cl. 6H03K 17/945  
[25] EN  
[54] CIRCUIT FOR MONITORING  
TROUBLE-FREE STATE AND/OR  
DETECTING INCORRECT STATE OF  
AN INSTALLATION  
[54] CIRCUIT SERVANT A VERIFIER  
QUE L'ETAT D'UNE INSTALLATION  
EST CORRECT ET/OU A  
RECONNAITRE UN ETAT INCORRECT  
DE CETTE INSTALLATION  
[72] ALBRICH, REINHARD, AT  
[72] HERRMANN, KARL, DE  
[72] LAMARCHE, JEAN-LUC, DE  
[72] STROBEL, MANFRED, DE  
[73] DOPPELMAYR SEILBAHN-  
PRODUKTIONSGESELLSCHAFT MBH,  
AT  
[73] I F M ELECTRONIC GMBH, DE  
[85] 2000-05-16  
[86] 1998-11-21 (PCT/EP1998/007488)  
[87] (WO1999/027649)  
[30] DE (197 52 362.5) 1997-11-26

---

[11] 2,310,635  
[13] C

[51] Int.Cl. 6G01F 1/68  
[25] EN  
[54] FLOW RATE SENSOR,  
TEMPERATURE SENSOR AND FLOW  
RATE MEASURING INSTRUMENT  
[54] DETECTEUR DE DEBIT,  
DETECTEUR DE TEMPERATURE, ET  
INSTRUMENT DE MESURE DE DEBIT  
[72] INOUE, SHINICHI, JP  
[72] KOIKE, ATSUSHI, JP  
[72] KAWANISHI, TOSHIAKI, JP  
[72] TOMONARI, KENJI, JP  
[72] YAMAGISHI, KIYOSHI, JP  
[73] MITSUI MINING & SMELTING CO.,  
LTD., JP  
[85] 2000-05-19  
[86] 1998-11-19 (PCT/JP1998/005207)  
[87] (WO1999/027327)  
[30] JP (9/321034) 1997-11-21  
[30] JP (10/79851) 1998-03-26  
[30] JP (10/79852) 1998-03-26  
[30] JP (10/318540) 1998-11-10  
[30] JP (10/320210) 1998-11-11

---

[11] 2,311,301  
[13] C

[51] Int.Cl. 6G01N 15/00 6G01N 33/543  
6G01N 27/72  
[25] EN  
[54] METHOD AND APPARATUS FOR  
MAKING QUANTITATIVE  
MEASUREMENTS OF LOCALIZED  
ACCUMULATIONS OF MAGNETIC  
PARTICLES  
[54] PROCEDE ET APPAREIL POUR  
EFFECTUER DES MESURES  
QUANTITATIVES  
D'ACCUMULATIONS LOCALISEES DE  
PARTICULES MAGNETIQUES  
[72] SIMMONDS, MICHAEL BANCROFT,  
US  
[73] QUANTUM DESIGN, INC., US  
[85] 2000-05-23  
[86] 1998-08-27 (PCT/US1998/017815)  
[87] (WO1999/027369)  
[30] US (08/975,569) 1997-11-21

---

[11] 2,316,992  
[13] C

[51] Int.Cl. 6H04N 1/393  
[25] EN  
[54] IMAGE PROCESSOR  
[54] PROCESSEUR D'IMAGES  
[72] ONODERA, JUNICHI, JP  
[72] KOBAYASHI, MASAYUKI, JP  
[72] NAKAJIMA, MASAMICHI, JP  
[72] AIDA, TORU, JP  
[72] OHMORI, HIDEYUKI, JP  
[73] FUJITSU GENERAL LIMITED, JP  
[85] 2000-07-04  
[86] 1999-03-31 (PCT/JP1999/001652)  
[87] (WO2000/028728)  
[30] JP (10/319644) 1998-11-10

---

[11] 2,318,082  
[13] C

[51] Int.Cl. 6G06F 9/46  
[25] EN  
[54] METHOD AND DEVICE FOR  
CONTROLLING PROCESSES ON A  
COMPUTER SYSTEM  
[54] DISPOSITIF ET PROCEDE DE  
COMMANDÉ DE PROCESSUS DANS UN  
SYSTEME INFORMATIQUE  
[72] SIMSCH, BIRGIT, DE  
[72] NIESSNER, EGON, DE  
[72] HAAS, ULRICH, DE  
[72] BAUER, STEFAN, DE  
[73] SIEMENS AKTIENGESELLSCHAFT,  
DE  
[85] 2000-07-20  
[86] 1998-11-04 (PCT/DE1998/003215)  
[87] (WO1999/038072)  
[30] DE (198 02 364.2) 1998-01-22

---

**Canadian Patents Issued  
January 18, 2005**

---

[11] **2,319,480**  
[13] C

[51] Int.Cl. 6A61B 5/00  
[25] EN  
[54] METHOD AND APPARATUS FOR  
NON-INVASIVE BLOOD  
CONSTITUENT MONITORING  
[54] PROCEDE ET APPAREIL POUR UN  
MONITORAGE NON INVASIF DE  
CONSTITUANTS SANGUINS  
[72] STEUER, ROBERT R., US  
[72] MILLER, DAVID R., US  
[73] HEMA METRICS, INC., US  
[85] 2000-08-03  
[86] 1999-02-05 (PCT/US1999/002586)  
[87] (WO1999/039631)  
[30] US (60/073,784) 1998-02-05

---

[11] **2,319,704**  
[13] C

[51] Int.Cl. 6A61L 15/42 6A61L 15/34  
6A61L 15/58  
[25] EN  
[54] THIN PLASTIC FILM  
[54] FILM PLASTIQUE FIN  
[72] THOMAS, PAUL EUGENE, US  
[72] WILHOIT, DARREL LOEL, US  
[73] TREDEGAR FILM PRODUCTS  
CORPORATION, US  
[85] 2000-07-28  
[86] 1999-01-28 (PCT/US1999/002049)  
[87] (WO1999/038960)  
[30] US (09/016,460) 1998-01-30

---

[11] **2,320,685**  
[13] C

[51] Int.Cl. 7B05B 5/043  
[25] EN  
[54] VOLTAGE BLOCK MONITORING  
SYSTEM  
[54] SYSTEME DE SURVEILLANCE DE  
BLOC DE TENSION  
[72] YOUNG, ROY E., II, US  
[72] MCPHERSON, JERRY L., JR., US  
[72] HOWE, VARCE E., US  
[72] ALLEN, HAROLD T., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 2000-09-26  
[30] US (09/432,330) 1999-11-02

---

[11] **2,323,430**  
[13] C

[51] Int.Cl. 6B29C 43/18 6B29C 33/12  
6B29C 45/14 6F16H 55/48  
[25] EN  
[54] METHOD OF PRODUCING A  
PLASTIC PULLEY WITH A METAL  
INSERT  
[54] PROCEDE DE FABRICATION DE  
POULIE EN MATIERE PLASTIQUE  
COMPORTANT UN PRISONNIER  
METALLIQUE  
[72] EMMETT, KEVIN J., US  
[73] THE GATES CORPORATION, US  
[85] 2000-09-08  
[86] 1999-03-09 (PCT/US1999/005087)  
[87] (WO1999/046099)  
[30] US (60/077,415) 1998-03-09

---

[11] **2,323,437**  
[13] C

[51] Int.Cl. 6D01F 2/00 6D21C 9/00 6C08L  
1/02 6D01D 5/098 6D01D 5/18 6C08J 5/18  
[25] EN  
[54] LYOCCELL FIBERS, AND  
COMPOSITIONS FOR MAKING THE  
SAME  
[54] FIBRES LYOCEL, ET  
COMPOSITIONS POUR LEUR  
FABRICATION  
[72] GADDIS, PAUL G., US  
[72] CAMARENA, SENEN, US  
[72] YANCEY, MICHAEL J., US  
[72] ROSCELLI, VINCENT A., US  
[72] NEOGI, AMAR N., US  
[72] LUO, MENGKUI, US  
[72] SEALEY, JAMES E., II, US  
[72] JEWELL, RICHARD A., US  
[73] WEYERHAEUSER COMPANY, US  
[85] 2000-09-08  
[86] 1999-03-03 (PCT/US1999/004729)  
[87] (WO1999/047733)  
[30] US (09/039,737) 1998-03-16  
[30] US (09/185,423) 1998-11-03  
[30] US (09/256,197) 1999-02-24

---

[11] **2,323,974**  
[13] C

[51] Int.Cl. 7A24D 1/00  
[25] EN  
[54] REDUCED BASIS WEIGHT  
CIGARETTE PAPER  
[54] PAPIER A CIGARETTES A  
GRAMMAGE REDUIT  
[72] HAMPL, VLADIMIR JR., US  
[73] SCHWEITZER-MAUDUIT  
INTERNATIONAL, INC., US  
[22] 2000-10-18  
[30] US (09/420,698) 1999-10-19

---

[11] **2,325,157**  
[13] C

[51] Int.Cl. 7F04B 53/00 7F04B 47/00  
[25] EN  
[54] A SYSTEM AND METHOD FOR  
LOCKING PARTS TO A ROTATABLE  
SHAFT  
[54] SYSTEME ET METHODE DE  
FIXATION DE PARTIES A UN AXE  
ROTATIF  
[72] FURNAS, MICHAEL W., US  
[73] SCHLUMBERGER CANADA  
LIMITED, CA  
[22] 2000-11-03  
[30] US (09/476,832) 2000-01-03

---

[11] **2,326,648**  
[13] C

[51] Int.Cl. 7G01L 5/04  
[25] FR  
[54] PROCEDE POUR MESURER PAR  
ULTRASONS LA TENSION  
RESIDUELLE D'UNE BARRE DE  
PRECONTRAINTE  
[54] METHOD FOR MEASURING BY  
ULTRA-SOUND THE RESIDUAL  
TENSION OF A PRE-STRESSED BAR  
[72] BASILE, BERNARD, FR  
[72] LANCIA, BRUNO, FR  
[73] FREYSSINET INTERNATIONAL  
(STUP), FR  
[22] 2000-11-22  
[30] FR (99 14989) 1999-11-29

---

[11] **2,326,856**  
[13] C

[51] Int.Cl. 7H01M 2/34 7H01M 10/02  
[25] EN  
[54] SECONDARY BATTERY AND  
METHOD OF MANUFACTURING  
SAME  
[54] PILE SECONDAIRE ET METHODE  
DE FABRICATION DE CETTE PILE  
[72] MORITA, SHIGETOMI, JP  
[72] SUZUKI, HIROMI, JP  
[73] NEC TOKIN CORPORATION, JP  
[22] 2000-11-21  
[30] JP (331030/1999) 1999-11-22

---

Brevets canadiens délivrés  
18 janvier 2005

[11] 2,327,105  
[13] C

[51] Int.Cl. 7B25C 1/00 7B25C 1/02 7B25C  
5/11  
[25] EN  
[54] NAILER FOR A NAIL BELT  
[54] MARTEAU CLOUEUR POUR  
CLOUS FIXES A UNE CEINTURE  
[72] LEITNER, HELMUT, AT  
[73] LEITNER, HELMUT, AT  
[85] 2000-10-03  
[86] 2000-03-10 (PCT/EP2000/002101)  
[87] (WO2000/056505)  
[30] AT (A 489/99) 1999-03-18

[11] \* 2,327,196  
[13] C

[51] Int.Cl. 7G06F 17/27 7G06F 7/04  
[25] EN  
[54] SYSTEM AND METHOD FOR  
DETECTING DIRTY DATA FIELDS  
[54] SYSTEME ET METHODE POUR  
DETECTOR DES CHAMPS DE  
DONNEES «SALES»  
[72] TIU, PATRICK S.C., CA  
[72] KOVAN, GERRY, CA  
[73] IBM CANADA LIMITED-IBM  
CANADA LIMITEE, CA  
[22] 2000-11-30

[11] 2,331,634  
[13] C

[51] Int.Cl. 6C08K 3/18 6C08K 3/22  
6C08K 3/38  
[25] EN  
[54] COATING FOR WOOD BASED  
PANELS TO REDUCE CORROSION OF  
ATTACHED METALLIC MEMBER  
[54] REVETEMENT POUR PANNEAUX  
D'AGGLOMERÉ DESTINÉ À REDUIRE  
LA CORROSION D'UN ÉLÉMENT  
MÉTALLIQUE SOLIDAIRE  
[72] SHANTZ, ROGER M., US  
[72] LEWIS, CHARLES E., US  
[72] IZAN, JERRY D., US  
[72] WINTEROWD, JACK G., US  
[73] WEYERHAEUSER COMPANY, US  
[85] 2000-11-03  
[86] 1999-05-04 (PCT/US1999/009828)  
[87] (WO1999/057186)  
[30] US (60/084,310) 1998-05-05

[11] 2,333,686  
[13] C

[51] Int.Cl. 6G01N 27/49 6G01N 33/543  
6G01N 33/72  
[25] EN  
[54] METHOD AND DEVICE FOR  
ELECTROCHEMICAL  
IMMUNOASSAY OF MULTIPLE  
ANALYTES  
[54] PROCEDE ET DISPOSITIF  
D'IMMUNOESSAI  
ELECTROCHIMIQUE DE PLUSIEURS  
ANALYTES  
[72] DIEBOLD, ERIC R., US  
[72] DENG, ZHI D., US  
[72] BUCK, HARVEY B., JR., US  
[73] ROCHE DIAGNOSTICS  
CORPORATION, US  
[85] 2000-11-29  
[86] 1999-05-28 (PCT/US1999/011850)  
[87] (WO1999/063346)  
[30] US (60/087,576) 1998-06-01

[11] 2,334,401  
[13] C

[51] Int.Cl. 7B29C 55/06  
[25] EN  
[54] STRETCH WRAP FILM  
[54] PELLICULE D'EMBALLAGE  
ETIRABLE  
[72] GENNESSON, PATRICK, FR  
[73] ITW MIMA FILMS LLC, US  
[22] 2001-02-06  
[30] EP (00300989.1) 2000-02-09

[11] 2,334,790  
[13] C

[51] Int.Cl. 6H04N 5/445  
[25] EN  
[54] IMPROVEMENTS IN RECEIVERS  
FOR TELEVISION SIGNALS  
[54] AMELIORATIONS DES  
RECEPTEURS DE SIGNAUX DE  
TELEVISION  
[72] HOLLIDAY, DAVID, GB  
[72] JAMES, NICHOLAS, GB  
[72] CROSSLEY, ROBIN, GB  
[73] BRITISH SKY BROADCASTING  
LIMITED, GB  
[85] 2000-12-11  
[86] 1999-06-14 (PCT/GB1999/001873)  
[87] (WO1999/066721)  
[30] GB (9812797.0) 1998-06-12

[11] 2,335,374  
[13] C

[51] Int.Cl. 6B05C 9/06 6B05C 5/02 6C09J  
5/04 6B32B 7/14  
[25] EN  
[54] DEVICE AND METHOD FOR  
APPLICATION OF A GLUING SYSTEM  
[54] DISPOSITIF ET PROCEDE  
SERVANT A APPLIQUER UN SYSTEME  
DE COLLAGE  
[72] VESTERLUND, LENNART, SE  
[73] AKZO NOBEL N.V., NL  
[85] 2000-12-18  
[86] 1999-06-16 (PCT/SE1999/001083)  
[87] (WO1999/067027)  
[30] SE (9802222-1) 1998-06-22  
[30] SE (9802224-7) 1998-06-22  
[30] SE (9802223-9) 1998-06-22  
[30] US (60/091,442) 1998-07-01  
[30] US (60/091,438) 1998-07-01  
[30] US (60/091,440) 1998-07-01  
[30] SE (9803549-6) 1998-10-16  
[30] SE (9803551-2) 1998-10-16  
[30] SE (9803550-4) 1998-10-16

[11] 2,342,060  
[13] C

[51] Int.Cl. 7F16H 48/06  
[25] EN  
[54] LIMITED SLIP DIFFERENTIAL  
[54] DIFFERENTIEL A GLISSEMENT  
LIMITÉ  
[72] NOWAKOWSKI, WESLEY P., US  
[72] CARINGELLA, ANTHONY R., US  
[72] GRUSZKOWSKI, JAMES A., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 2001-03-26  
[30] US (09/558,714) 2000-04-26

**Canadian Patents Issued  
January 18, 2005**

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[11] **2,342,637**  
[13] C

[51] Int.Cl. 7H04Q 7/36 7H04B 7/216  
**7H04B 7/26**  
[25] EN  
[54] APPARATUS AND METHOD FOR DESIGNATING A REVERSE COMMON CHANNEL FOR DEDICATED COMMUNICATION IN A MOBILE COMMUNICATION SYSTEM  
[54] APPAREIL ET PROCEDE PERMETTANT DE DESIGNER UN CANAL COMMUN INVERSE POUR COMMUNICATION SPECIFIQUE DANS UN SYSTEME DE COMMUNICATIONS MOBILE  
[72] KOO, CHANG-HOI, KR  
[72] LEE, HYUN-SEOK, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-03-01  
[86] 2000-07-10 (PCT/KR2000/000744)  
[87] (WO2001/005068)  
[30] KR (1999/27911) 1999-07-10  
[30] KR (1999/34013) 1999-08-17  
[30] KR (1999/42136) 1999-09-30

[11] **2,344,032**  
[13] C

[51] Int.Cl. 7B23D 59/00 7B27B 9/04  
[25] EN  
[54] FLOATING BENCH SAW GUIDE  
[54] GUIDE FLOTTANT DE LAME DE SCIE D'ETABLIS  
[72] LEBLANC, RODRIGUE RAYMOND, CA  
[73] LEBLANC, RODRIGUE RAYMOND, CA  
[22] 2001-04-17

[11] **2,344,125**  
[13] C

[51] Int.Cl. 7B25J 5/00 7B25J 11/00  
[25] EN  
[54] WORKING ROBOT  
[54] ROBOT DE SERVICE  
[72] KAWASAKI, SHUICHI, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 2001-03-15  
[86] 2000-03-08 (PCT/JP2000/001394)  
[87] (WO2000/053377)  
[30] JP (11/63451) 1999-03-10  
[30] JP (11/238301) 1999-08-25  
[30] JP (11/308439) 1999-10-29

[11] **2,344,871**  
[13] C

[51] Int.Cl. 6H04R 25/00  
[25] EN  
[54] METHOD FOR IN-SITU MEASURING AND IN-SITU CORRECTING OR ADJUSTING A SIGNAL PROCESS IN A HEARING AID WITH A REFERENCE SIGNAL PROCESSOR  
[54] PROCEDE DE MESURE IN SITU ET DE CORRECTION IN SITU OU D'AJUSTEMENT D'UN TRAITEMENT DES SIGNAUX DANS UNE PROTHESE AUDITIVE DOTEE D'UN PROCESSEUR DE SIGNAUX DE REFERENCE  
[72] KROMAN, MORTEN, DK  
[72] WESTERMANN, SOREN ERIK, DK  
[73] WIDEX A/S, DK  
[85] 2001-03-20  
[86] 1998-11-09 (PCT/EP1998/007132)  
[87] (WO2000/028784)

[11] **2,344,874**  
[13] C

[51] Int.Cl. 6B01J 19/30  
[25] EN  
[54] SHAPED PACKING ELEMENT  
[54] ELEMENT DE GARNISSAGE FA CONNE  
[72] RUKOVENA, FRANK, US  
[73] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US  
[85] 2001-03-20  
[86] 1999-08-18 (PCT/US1999/018759)  
[87] (WO2000/017428)  
[30] US (09/158,931) 1998-09-22

[11] **2,345,692**  
[13] C

[51] Int.Cl. 7C09D 9/00  
[25] EN  
[54] CONCENTRATED STRIPPER COMPOSITION AND METHOD  
[54] COMPOSITION CONCENTREE DE DECAPAGE, PROCEDE ASSOCIE  
[72] HERNANDEZ, PAUL M., US  
[72] BROWN, LANCE D., US  
[73] S.C. JOHNSON COMMERCIAL MARKETS, INC., US  
[85] 2001-03-28  
[86] 1999-09-22 (PCT/US1999/021764)  
[87] (WO2000/020518)  
[30] US (09/164,748) 1998-10-01

[11] **2,346,301**  
[13] C

[51] Int.Cl. 7A63B 69/36  
[25] EN  
[54] GOLF SWING FREQUENCY ANALYZER  
[54] ANALYSEUR DE FREQUENCE DU SWING DE GOLF  
[72] HACKMAN, LLOYD E., US  
[73] HACKMAN, LLOYD E., US  
[85] 2001-04-03  
[86] 1999-11-16 (PCT/US1999/027211)  
[87] (WO2000/029075)  
[30] US (09/193,171) 1998-11-16

[11] **2,359,427**  
[13] C

[51] Int.Cl. 7F28D 1/04 7F28F 3/02  
[25] EN  
[54] AIR CONDITIONING UNIT HAVING COIL PORTION WITH NON-UNIFORM FIN ARRANGEMENT  
[54] CLIMATISEUR D'AIR DONT UNE PORTION DES SERPENTINS N'EST PAS REPARTIE UNIFORMEMENT  
[72] HAWKINS, TIMOTHY B., US  
[72] GONG, YING, US  
[73] RHEEM MANUFACTURING COMPANY, US  
[22] 2001-10-19  
[30] US (09/782,269) 2001-02-12

[11] **2,362,614**  
[13] C

[51] Int.Cl. 7A61N 5/00  
[25] EN  
[54] VASCULAR SYSTEM TREATING METHOD AND APPARATUS  
[54] PROCEDE ET APPAREIL DE TRAITEMENT DU SYSTEME VASCULAIRE  
[72] LARSEN, CHARLES E., US  
[72] CROCKER, IAN R., US  
[72] HILLSTEAD, RICHARD A., US  
[72] ROSEN, JONATHAN J., US  
[72] WELDON, THOMAS D., US  
[72] WAKSMAN, RON, US  
[72] MELOUL, RAPHAEL F., US  
[73] NOVOSTE CORPORATION, US  
[22] 1995-10-23  
[62] 2,203,362  
[30] US (08/330,327) 1994-10-27

Brevets canadiens délivrés  
18 janvier 2005

---

[11] 2,363,222  
[13] C

[51] Int.Cl. 7B65D 85/68  
[25] EN  
[54] DOOR COVERS  
[54] HOUSSES A PORTIERES  
[72] SALSMAN, WENDY M., CA  
[73] SALSMAN, WENDY M., CA  
[22] 2001-11-16

---

[11] 2,363,237  
[13] C

[51] Int.Cl. 7H05K 7/00 7A45F 5/02  
7G06F 1/16 7H04Q 7/32  
[25] EN  
[54] REMOVABLE RETAINING CLIP ASSEMBLY  
[54] PINCE DE RETENTION AMOVIBLE  
[72] GRIFFIN, JASON T., CA  
[72] INFANTI, JAMES C., CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[22] 2001-10-30  
[30] US (60/246179) 2000-11-06  
[30] US (09/799649) 2001-03-06

---

[11] 2,363,344  
[13] C

[51] Int.Cl. 7H04Q 7/20 7H04B 7/185  
[25] EN  
[54] SYSTEM FOR DIRECT COMMUNICATIONS WITH A SPACE CRAFT  
[54] SYSTEME DE COMMUNICATION DIRECTE AVEC UN VAISSEAU SPATIAL  
[72] LINNICHAN, DANIEL, US  
[72] JENSEN, JAMES W., US  
[72] GARDNER-SPRINGER, COLIN, US  
[73] SATCOM DIRECT, INC., US  
[85] 2001-06-18  
[86] 1999-10-26 (PCT/US1999/025113)  
[87] (WO2000/044101)  
[30] US (60/116,495) 1999-01-20  
[30] US (09/303,844) 1999-05-03

---



---

[11] 2,365,147  
[13] C

[51] Int.Cl. 7A47K 5/12  
[25] EN  
[54] SOAP DISPENSER WITH A CLAM-SHELL COVER  
[54] DISTRIBUTEUR DE SAVON AVEC COUVERCLE EN COQUELILLE  
[72] MATTHEWS, SHAUN KERRY, GB  
[73] DEB IP LIMITED, GB  
[22] 2001-12-10  
[30] US (09/773,927) 2001-02-02

---

[11] 2,367,127  
[13] C

[51] Int.Cl. 7C07K 5/08 7A61K 38/05  
7A61K 38/06 7C07K 5/078 7A61P 31/14  
[25] EN  
[54] MACROCYCLIC PEPTIDES ACTIVE AGAINST THE HEPATITIS C VIRUS  
[54] PEPTIDES MACROCYCLIQUES ACTIFS CONTRE LE VIRUS DE L'HEPATITE C  
[72] TSANTRIZOS, YOULA S., CA  
[72] GHIRO, ELISE, CA  
[72] LLINAS-BRUNET, MONTSE, CA  
[72] FAUCHER, ANNE-MARIE, CA  
[72] HALMOS, TEDDY, CA  
[72] CAMERON, DALE R., CA  
[72] GOUDREAU, NATHALIE, CA  
[73] BOEHRINGER INGELHEIM (CANADA) LTD., CA  
[85] 2001-09-26  
[86] 2000-04-03 (PCT/CA2000/000353)  
[87] (WO2000/059929)  
[30] US (60/128,011) 1999-04-06

---

[11] 2,367,487  
[13] C

[51] Int.Cl. 7G21G 4/04 7G21G 4/06  
[25] EN  
[54] GAMMA RADIATION SOURCE  
[54] SOURCE DE RAYONNEMENT GAMMA  
[72] SHILTON, MARK GOLDER, GB  
[73] AEA TECHNOLOGY PLC, GB  
[85] 2001-10-22  
[86] 2000-04-20 (PCT/GB2000/001549)  
[87] (WO2000/065608)  
[30] GB (9909531.7) 1999-04-27

---



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[11] 2,371,207  
[13] C

[51] Int.Cl. 7B23K 35/28 7B23K 35/02  
7B32B 15/08 7B23K 35/36 7B23K 35/363  
[25] EN  
[54] COMPOSITE SHEET MATERIAL FOR BRAZING  
[54] MATERIAU COMPOSITE EN FEUILLE POUR BRASAGE  
[72] WITTEBROOD, ADRIANUS JACOBUS, NL  
[73] CORUS ALUMINIUM WALZPRODUKTE GMBH, DE  
[85] 2001-10-22  
[86] 2000-04-21 (PCT/EP2000/003753)  
[87] (WO2000/064626)  
[30] EP (99201232.8) 1999-04-22

---

[11] 2,371,306  
[13] C

[51] Int.Cl. 7B25B 23/00  
[25] EN  
[54] FASTENER SYSTEM WITH SPLINE RECESS AND DRIVING TOOL  
[54] SYSTEME DE FIXATION A EVIDEMENT CANNELE ET OUTIL A COMMANDE MECANIQUE  
[72] COSENZA, FRANK J., US  
[73] HUCK PATENTS, INC., US  
[85] 2001-10-24  
[86] 2000-04-25 (PCT/US2000/011117)  
[87] (WO2000/064638)  
[30] US (09/301,018) 1999-04-28

---

[11] 2,372,194  
[13] C

[51] Int.Cl. 7B01J 2/04 7B01D 1/18  
[25] EN  
[54] SPRAY DRYING APPARATUS AND METHODS OF USE  
[54] APPAREIL DE SECHAGE PAR PULVERISATION ET SES PROCEDES D'UTILISATION  
[72] BERNSTEIN, HOWARD, US  
[72] RANDALL, GREG, US  
[72] CHICKERING, DONALD E., US  
[72] STRAUB, JULIE, US  
[72] KEEGAN, MARK J., US  
[73] ACUSPHERE, INC., US  
[85] 2001-10-29  
[86] 2000-04-26 (PCT/US2000/011158)  
[87] (WO2000/066256)  
[30] US (09/304,257) 1999-05-03

**Canadian Patents Issued  
January 18, 2005**

---

**[11] 2,372,403**  
[13] C

[51] Int.Cl. 7H01R 13/60 7B60D 1/64  
[25] EN  
[54] MALE PLUG PROTECTOR FOR TRAILER WIRING HARNESS  
[54] PROTECTEUR DE FICHE MALE POUR FAISCEAU DE CABLAGE DE REMORQUE  
[72] RHUDE, DOUGLAS R., US  
[73] RHUDE, DOUGLAS R., US  
[22] 2002-02-19  
[30] US (60/279,667) 2001-03-30  
[30] US (10/073,412) 2002-02-13

---

**[11] 2,376,633**  
[13] C

[51] Int.Cl. 7C22C 38/18 7B22D 11/04  
7C21D 7/13 7C22C 38/24 7C22C 38/26  
7C22C 38/28  
[25] EN  
[54] LOW-ALLOY CARBON STEEL FOR THE MANUFACTURE OF PIPES FOR THE EXPLORATION AND THE PRODUCTION OF OIL AND/OR GAS HAVING AN IMPROVED CORROSION RESISTANCE, A PROCESS FOR THE MANUFACTURE OF SEAMLESS PIPES, AND THE SEAMLESS PIPES OBTAINED THEREFROM  
[54] ACIER AU CARBONE FAIBLEMENT ALLIE POUR LA FABRICATION DE TUYAUX POUR L'EXPLORATION ET LA PRODUCTION D'HUILE ET/OU DE GAZ AYANT UNE RESISTANCE A LA CORROSION AMELIOREE, UN PROCEDE POUR LA FABRICATION DE TUYAUX SANS SOUDURE ET LES TUYAUX SANS SOUDURE OBTENUS  
[72] TURCONI, GUSTAVO JAVIER LOPEZ, AR  
[72] GONZALEZ, JUAN CARLOS, AR  
[72] PEREZ, TERESA ESTELA, AR  
[73] SIDERCA S.A.I.C., AR  
[22] 2002-03-13  
[30] AR (P 01 01 01173) 2001-03-13

---

**[11] 2,380,890**  
[13] C

[51] Int.Cl. 7A43B 5/16 7A63C 1/26  
[25] EN  
[54] SKATE WITH A SIZE ADJUSTABLE BOOT  
[54] PATIN AVEC CHAUSSURE A POINTURE REGLABLE  
[72] SOO, MIKE, XX  
[73] SOO, MIKE, XX  
[22] 2002-04-08

---

**[11] 2,383,886**  
[13] C

[51] Int.Cl. 7G01N 29/00  
[25] EN  
[54] ULTRASONIC FLAW DETECTION METHOD AND APPARATUS  
[54] METHODE ET APPAREIL DE DETECTION D'IMPERFECTIONS PAR ULTRASONS  
[72] ARAKAWA, TAKAHIRO, JP  
[72] HATANAKA, HIROAKI, JP  
[72] SHIBATA, SABURO, JP  
[73] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP  
[22] 2002-04-29

---

**[11] 2,384,833**  
[13] C

[51] Int.Cl. 7G01V 3/10  
[25] EN  
[54] AN ELECTROMAGNETIC INDUCTION METHOD AND APPARATUS FOR THE MEASUREMENT OF THE ELECTRICAL RESISTIVITY OF GEOLOGIC FORMATIONS SURROUNDING BOREHOLES CASED WITH A CONDUCTIVE LINER  
[54] PROCEDE ET APPAREIL D'INDUCTION ELECTROMAGNETIQUE POUR LA MESURE DE LA RESISTIVITE DE FORMATIONS GEOLOGIQUES ENTOURANT DES TROUS DE FORAGE EQUIPES DE CUVELAGE CONDUCTEUR  
[72] NICHOLS, EDWARD, US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2002-03-12  
[86] 2000-08-28 (PCT/US2000/023596)  
[87] (WO2001/020367)  
[30] US (09/394,852) 1999-09-13

---

**[11] 2,389,965**  
[13] C

[51] Int.Cl. 7F16H 61/00 7F16H 55/56  
[25] EN  
[54] DRIVEN PULLEY  
[54] POULIE ENTRAINEE  
[72] ROBERT, JEAN, CA  
[73] CVTECH R & D INC., CA  
[85] 2002-04-11  
[86] 1999-11-30 (PCT/CA1999/001144)  
[87] (WO2001/040684)

---

**[11] 2,392,478**  
[13] C

[51] Int.Cl. 7C25B 1/30 7C01B 11/02  
[25] EN  
[54] PROCESS FOR PRODUCTION OF AN ALKALINE HYDROGEN PEROXIDE SOLUTION AND CHLORINE DIOXIDE  
[54] PROCEDE DE PRODUCTION D'UNE SOLUTION ALCALINE D'EAU OXYGENEE ET DE DIOXYDE DE CHLORE  
[72] SOKOL, JOHN, C., US  
[72] SUNDQVIST, JOHAN, SE  
[72] HAMMER-OLSEN, ROY, SE  
[72] SUNDSTROM, GORAN, SE  
[73] AKZO NOBEL N.V., NL  
[85] 2002-05-24  
[86] 2000-11-01 (PCT/SE2000/002141)  
[87] (WO2001/038607)  
[30] US (09/450,128) 1999-11-26  
[30] EP (99850188.6) 1999-12-01

---

**[11] 2,408,384**  
[13] C

[51] Int.Cl. 7B01F 5/20 7B05B 7/08  
[25] EN  
[54] EXTERNAL MIXING NOZZLE  
[54] BUSE MELANGEUSE EXTERNE  
[72] GERSTNER, STEFAN, DE  
[73] DUSEN-SCHLICK GMBH, DE  
[85] 2002-10-30  
[86] 2002-02-28 (PCT/EP2002/002199)  
[87] (WO2002/074446)  
[30] DE (101 12 562.3) 2001-03-15

---

**[11] \* 2,419,035**  
[13] C

[51] Int.Cl. 7B60N 2/427 7B60R 21/01  
**7B60R 21/02**

[25] EN  
[54] VEHICLE OCCUPANT EMERGENCY SYSTEM  
[54] SYSTEME D'URGENCE POUR OCCUPANTS DE VEHICULE  
[72] NIKOLOV, DIMITAR NIKOLOV, CA  
[73] NIKOLOV, DIMITAR NIKOLOV, CA  
[22] 2003-02-12  
[30] US (10/128,293) 2002-04-24

Brevets canadiens délivrés  
18 janvier 2005

---

[11] 2,428,566  
[13] C

[51] Int.Cl. 7F42B 6/08  
[25] EN  
[54] ARROWHEAD AND METHOD OF  
ATTACHING SAME TO AN ARROW  
SHAFT  
[54] POINTE DE FLECHE ET  
METHODE DE FIXATION AU FUT DE  
LA FLECHE  
[72] KUMMERLE, BERTHOLD, DE  
[73] GEBR. KUMMERLE GMBH, DE  
[22] 2003-05-13  
[30] DE (202 07 752.7) 2002-05-17  
[30] DE (102 37 260.8) 2002-08-14  
[30] EP (03 004 761.7) 2003-03-05

---

[11] 2,444,239  
[13] C

[51] Int.Cl. 7H04Q 1/14 7H04Q 1/02  
7H05K 7/18  
[25] EN  
[54] HOUSING FOR CONNECTION TO  
BOTH BROADBAND AND  
NARROWBAND NETWORKS AS A  
SHELF IN A TELECOMMUNICATIONS  
RACK  
[54] LOGEMENT DE BRANCHEMENT  
A DES RESEAUX A LARGE BANDE ET  
A BANDE ETROITE COMME UNE  
TABLETTE DANS UNE BAIE DE  
TELECOMMUNICATIONS  
[72] CZERWIEC, RICHARD MARION, US  
[72] SUTHERLAND, JOSEPH E., US  
[72] VAN ROMPU, PETER ALAIN  
RICHARD, BE  
[72] VAN CAMPENHOUT, GILBERT  
ALFONS FRANCOISE, BE  
[72] VAN WONTERGHEM, GEERT  
ARTHUR EDITH, BE  
[72] VERLY, DANIEL ALOIS  
CORNELIUS, BE  
[72] SIMMERING, MARLIN V., US  
[72] BOEYKENS, EDUARD CHRISTIAN  
MARIA, BE  
[72] BAILEY, RICHARD HAYWOOD, US  
[72] PYNAERT, KURT, BE  
[72] SCHEPERS, PETER MATHIJS  
LEONARD, BE  
[72] VAN DER AUWERA, CHRIS, BE  
[73] ALCATEL, FR  
[22] 1998-06-10  
[62] 2,237,145  
[30] US (08/891,145) 1997-07-10

[11] 2,444,419  
[13] C

[51] Int.Cl. 7H04Q 1/14 7H04M 11/06  
7H04Q 1/18 7H04L 12/56 7H04L 12/66  
[25] EN  
[54] TELECOMMUNICATIONS RACK  
INCLUDING SHELVES WITH  
NONREDUNDANT BACKPLANES  
USED REDUNDANTLY  
[54] BAIE DE  
TELECOMMUNICATIONS INCLUANT  
DES CASIERS AVEC PLAQUES  
ARRIERES NON-REDONDANTES  
UTILISEES DE MANIERE  
REDONDANTE  
[72] VAN AKEN, DIRK MARCEL  
JULIETTE, BE  
[72] VAN ROMPU, PETER ALAIN  
RICHARD, BE  
[72] DE WULF, KOEN AMBROISE  
GODELIEVE, BE  
[72] RYCKEBUSCH, FRANK, BE  
[72] BOROWSKI, EMMANUEL FRANS,  
BE  
[72] PYNAERT, KURT, BE  
[72] SIMMERING, MARLIN V., US  
[72] PESCHI, ROBERT NICOLAS LOUIS,  
BE  
[72] REUSENS, PETER PAUL FRAN, BE  
[72] SUTHERLAND, JOSEPH E., US  
[72] CZERWIEC, RICHARD MARION, US  
[72] BOEYKENS, EDUARD CHRISTIAN  
MARIA, BE  
[72] VERBUEKEN, HERMAN LEO  
ROSALIA, BE  
[72] VAN DER AUWERA, CHRIS, BE  
[72] BAILEY, RICHARD HAYWOOD, US  
[72] VAN CAMPENHOUT, GILBERT  
ALFONS FRANCOISE, BE  
[72] SCHEPERS, PETER MATHIJS  
LEONARD, BE  
[72] VERLY, DANIEL ALOIS  
CORNELIUS, BE  
[72] VAN WONTERGHEM, GEERT  
ARTHUR EDITH, BE  
[73] ALCATEL, FR  
[22] 1998-06-10  
[62] 2,237,145  
[30] US (08/891,145) 1997-07-10

**Canadian Patents Issued  
January 18, 2005**

# Canadian Applications Open to Public Inspection

December 26, 2004 to January 1, 2005

## Demandes canadiennes mises à la disponibilité du public

26 décembre 2004 au 1 janvier 2005

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[21] 2,430,835

[13] A1

[51] Int.Cl. 7C07K 14/47 7C12P 21/06  
7C07K 7/08 7C07K 16/18 7A61K 39/395  
7C07K 16/40 7G01N 33/536  
[25] EN  
[54] METHODS FOR MAKING AND  
BREAKING PRIONS (PRPSC)  
PRODUCED FROM NATIVE PRIONS  
(PRPC), IN VITRO AND FROM  
RECOMBINANT PRION PROTEINS  
[54] METHODES DE FABRICATION ET  
DE FRAGMENTATION DES PRIONS  
(PRPRES) PRODUITS A PARTIR DE  
PROTEINES PRIONS NATURES (PRPC)  
IN VITRO ET A PARTIR DE  
PROTEINES PRIONS  
RECOMBINANTES  
[72] PREDDIE, ENRIQUE, CA  
[72] BERGMANN, JOHANNA, DE  
[71] PREDDIE, ENRIQUE, CA  
[71] BERGMANN, JOHANNA, DE  
[22] 2003-06-26  
[41] 2004-12-26

---

[21] 2,432,338

[13] A1

[51] Int.Cl. 7E03F 3/04 7E03F 1/00 7F16L  
41/00  
[25] EN  
[54] FLOW SPLITTER  
[54] REPARTITEUR DE DEBIT  
[72] BURROWS, KEN, CA  
[71] BURROWS, KEN, CA  
[22] 2003-06-26  
[41] 2004-12-26

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[21] 2,432,365

[13] A1

[51] Int.Cl. 7C12Q 1/68  
[25] EN  
[54] SPECIFIC METHOD OF  
PROSTATE CANCER DETECTION  
BASED ON PCA3, AND KITS  
THEREFORE  
[54] METHODE SPECIFIQUE DE  
DETECTION DU CANCER DE LA  
PROSTATE FONDEE SUR LE GENE  
PCA3 ET TROUSSES CONNEXES  
[72] VERHAEGH, GERALD, NL  
[72] SCHALKEN, JACK A., NL  
[72] HESSELS, DAPHNE, NL  
[72] SMIT, FRANK, NL  
[71] UNIVERSITY MEDICAL CENTRE  
NIJMEGEN, NL  
[22] 2003-06-30  
[41] 2004-12-30

---

[21] 2,432,399

[13] A1

[51] Int.Cl. 7B60L 7/00  
[25] EN  
[54] AN AUTOMOBILE INERTIA  
KINETIC ENERGY REGENERATIONS  
SYSTEM  
[54] SYSTEME DE TRANSFORMATION  
DE L'ENERGIE CINETIQUE PAR  
INERTIE POUR AUTOMOBILE  
[72] LI, KUO CHING, XX  
[71] LI, KUO CHING, XX  
[22] 2003-06-27  
[41] 2004-12-27

---

[21] 2,432,567

[13] A1

[51] Int.Cl. 7F03D 1/04  
[25] EN  
[54] WIND TURBINE WHEEL  
[54] ROTOT D'EOLIENNE  
[72] STRAND, CARL OLAF, CA  
[71] STRAND, CARL OLAF, CA  
[22] 2003-06-26  
[41] 2004-12-26

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[21] 2,432,611

[13] A1

[51] Int.Cl. 7B60S 9/10 7B62D 53/06  
[25] FR  
[54] ELEVATEUR POUR PATTE  
STABILISATRICE DE  
REMORQUESLIFT MATIC  
[54] LIFTER FOR TRAILER  
STABILIZING FOOT/LIFT MATIC  
[72] NADEAU, ALAIN, CA  
[72] JALBERT, STEEVE, CA  
[71] NADEAU, ALAIN, CA  
[71] JALBERT, STEEVE, CA  
[22] 2003-06-26  
[41] 2004-12-26

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[21] 2,432,554

[13] A1

[51] Int.Cl. 7A47J 27/00 7B01F 7/18 7A47J  
27/56  
[25] EN  
[54] CHEF ASSISTANT - COOKING  
POT  
[54] MARMITE DE CUISSON « CHEF  
ASSISTANT »  
[72] ABOUHALKA, NICOLE, CA  
[71] ABOUHALKA, NICOLE, CA  
[22] 2003-06-27  
[41] 2004-12-27

**Canadian Applications Open to Public Inspection**  
**December 26, 2004 to January 1, 2005**

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[21] **2,432,752**  
 [13] A1

[51] Int.Cl. 7B64D 47/00  
 [25] EN  
**[54] AN INNOVATION OF SECURITY METHOD IN AVIONICS TRANSPORTATION FOR THE NATIONAL SECURITY AND PROTECTION OF PASSENGERS AGAINST TERRORISTS ATTACKS, BY USING**  
**[54] NOUVELLE METHODE DE SECURITE DANS LE DOMAINE DU TRANSPORT AERIEN POUR ASSURER LA SECURITE NATIONALE ET LA PROTECTION DES PASSAGERS CONTRE LES ATTAQUES TERRORISTES**  
 [72] BISHAY, MILAD, CA  
 [72] YOUSSEF, WAGDY M., CA  
 [72] ZAKI, GEORGE A., CA  
 [71] BISHAY, MILAD, CA  
 [71] YOUSSEF, WAGDY M., CA  
 [71] ZAKI, GEORGE A., CA  
 [22] 2003-06-27  
 [41] 2004-12-27

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[21] **2,433,107**  
 [13] A1

[51] Int.Cl. 7A61M 1/00 7A47L 25/00  
**7A61C 17/06**  
 [25] EN  
**[54] LOW NOISE VACUUM RELEASE DEVICE AND CONTROLLABLE SUCTION APPARATUS USING SAME**  
**[54] DISPOSITIF CASSE-VIDE A FAIBLE BRUIT ET APPAREIL D'ASPIRATION REGLABLE UTILISANT CE DISPOSITIF**  
 [72] LEMOINE, PATRICK D., CA  
 [72] BROUILLETTE, MARTIN, CA  
 [72] BOLDUC, MAXIME, CA  
 [72] PLANTE, JEAN-SEBASTIEN, CA  
 [71] LEMOINE, PATRICK D., CA  
 [71] BROUILLETTE, MARTIN, CA  
 [71] BOLDUC, MAXIME, CA  
 [71] PLANTE, JEAN-SEBASTIEN, CA  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] **2,433,164**  
 [13] A1

[51] Int.Cl. 7E04C 5/18 7E04C 5/00  
 [25] EN  
**[54] NEW PRE-CAST CONCRETE COLUMN TO PRE-CAST CONCRETE BEAM CONNECTION**  
**[54] NOUVELLE CONNEXION ENTRE UNE COLONNE EN BETON PREFABRIQUE ET UNE POUTRE EN BETON PREFABRIQUE**  
 [72] SIMEONOFF, GEORGE, CA  
 [71] SIMEONOFF, GEORGE, CA  
 [22] 2003-06-27  
 [41] 2004-12-27

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[21] **2,433,166**  
 [13] A1

[51] Int.Cl. 7F02B 75/32  
 [25] EN  
**[54] RECIPROCATING MACHINE**  
**[54] MACHINE A MOUVEMENT ALTERNATIF**  
 [72] FENG, ZHIDE, US  
 [71] FENG, ZHIDE, CA  
 [22] 2003-06-26  
 [41] 2004-12-26

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[21] **2,433,471**  
 [13] A1

[51] Int.Cl. 7G06F 17/60 7H04L 12/16  
 [25] EN  
**[54] SUPPLIER HUB WITH HOSTED SUPPLIER STORES**  
**[54] CENTRE DE FOURNISSEURS EN LIGNE AVEC MAGASINS DE FOURNISSEURS HEBERGES**  
 [72] CHAN, SAU CHU (JUDY), CA  
 [72] MIRLAS, LEV, CA  
 [72] CHAN, CONAN MING Y., CA  
 [72] AU, MICHAEL K., CA  
 [72] SHUM, ALEX, CA  
 [71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
 [22] 2003-06-26  
 [41] 2004-12-26

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[21] **2,433,475**  
 [13] A1

[51] Int.Cl. 7E21B 21/06  
 [25] EN  
**[54] DRILLING FLUID TREATMENT TANK**  
**[54] CUVE DE TRAITEMENT DES FLUIDES DE FORAGE**  
 [72] KALLIS, LYLE GRANT, CA  
 [72] MICHALENKO, WADE WILLIAM, CA  
 [72] TISDALE, TONY TIMOTHY, CA  
 [71] KALLIS, LYLE GRANT, CA  
 [22] 2003-06-26  
 [41] 2004-12-26

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[21] **2,433,497**  
 [13] A1

[51] Int.Cl. 7C08L 9/02 7C08J 5/00 7C08L 27/00  
 [25] EN  
**[54] NITRILE COMPOSITIONS**  
**[54] COMPOSITIONS CONTENANT UN OU DES COMPOSES NITRILE**  
 [72] GUERIN, FREDERIC, CA  
 [72] GUO, SHARON X., CA  
 [72] VON HELLENS, CARL WALTER, CA  
 [71] BAYER INC., CA  
 [22] 2003-06-26  
 [41] 2004-12-26

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[21] **2,433,512**  
 [13] A1

[51] Int.Cl. 7G06F 17/28 7G06F 17/27  
 [25] EN  
**[54] FILE TRANSLATION**  
**[54] TRADUCTION DE FICHIERS**  
 [72] MUHANNA, EMAD, CA  
 [72] ZHOU, SHUN, CA  
 [72] GUAN, SON, JP  
 [72] HIROTA, MIKITO, JP  
 [71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
 [22] 2003-06-26  
 [41] 2004-12-26

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**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] 2,433,523  
[13] A1

[51] Int.Cl. 7G06F 19/00 7G06F 17/00  
7G06F 13/14  
[25] EN  
[54] DISPLAY OF AND INTERACTION WITH LOCAL AND REMOTE DATA OBJECTS  
[54] AFFICHAGE D'OBJETS DE DONNEES LOCAUX ET A DISTANCE ET INTERACTION AVEC CES DERNIERS  
[72] MAZEN, FARAJ, CA  
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
[22] 2003-06-26  
[41] 2004-12-26

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[21] 2,433,527  
[13] A1

[51] Int.Cl. 7G06F 3/14 7G06F 17/00  
7G06F 19/00  
[25] EN  
[54] SYSTEM AND METHOD FOR OBJECT-ORIENTED GRAPHICALLY INTEGRATED COMMAND SHELL  
[54] SYSTEME ET METHODE POUR INTERPRETEUR DE COMMANDES INTEGRE GRAPHIQUE ET ORIENTE OBJET  
[72] TURNHAM, JEFFREY C., CA  
[72] MCKNIGHT, DAVID K., CA  
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
[22] 2003-06-26  
[41] 2004-12-26

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[21] 2,433,614  
[13] A1

[51] Int.Cl. 7F01N 7/00  
[25] EN  
[54] METHOD AND APPARATUS FOR REDUCING COMBUSTION ENGINE EMISSIONS  
[54] METHODE ET DISPOSITIF DE REDUCTION DES EMISSIONS DES MOTEURS A COMBUSTION  
[72] FURMAN, ANTHONY HOLMES, US  
[72] MARKATOU, PENELOPE, US  
[72] CUEMAN, MICHAEL KENT, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2003-06-26  
[41] 2004-12-26

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[21] 2,433,627  
[13] A1

[51] Int.Cl. 7F04C 2/107 7F04B 47/02  
[25] EN  
[54] ROTATING TAG BAR ASSEMBLY FOR PROGRESSIVE CAVITY PUMP  
[54] TUBE D'ACCROCHAGE ROTATIF POUR POMPE A ROTOR HELICOIDAL EXCENTRE  
[72] JACK, LENARD ALFRED, CA  
[72] MOAN, DEAN EDWARD, CA  
[71] LEDE ENTERPRISES LTD., CA  
[22] 2003-06-26  
[41] 2004-12-26

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[21] 2,433,632  
[13] A1

[51] Int.Cl. 7H04B 7/08 7H01Q 23/00  
[25] EN  
[54] A METHOD AND SYSTEM FOR A SMART ANTENNA  
[54] SYSTEME ET METHODE POUR ANTENNE INTELLIGENTE  
[72] FAYYAZ, NADER, CA  
[71] RFTUNE INC., CA  
[22] 2003-06-26  
[41] 2004-12-26

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[21] 2,433,646  
[13] A1

[51] Int.Cl. 7A61G 7/05 7A47C 21/00  
[25] EN  
[54] THERAPEUTIC BEDDING PAD FOR HOSPITAL BEDS  
[54] MATELASSAGE  
THERAPEUTIQUE POUR LITS D'HOPITAL

[72] NEIL, DORIS, CA  
[71] NEIL, DORIS, CA  
[22] 2003-06-26  
[41] 2004-12-26

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[21] 2,433,660  
[13] A1

[51] Int.Cl. 7H04B 7/04 7H04B 1/04  
7H04B 1/16  
[25] EN  
[54] A SYSTEM FOR A SMART ANTENNA  
[54] SYSTEME D'ANTENNE INTELLIGENTE  
[72] FAYYAZ, NADER, CA  
[71] RFTUNE INC., CA  
[22] 2003-06-26  
[41] 2004-12-26

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[21] 2,433,691  
[13] A1

[51] Int.Cl. 7C08L 63/00 7C09D 163/00  
7C08L 63/02 7B32B 27/14 7B32B 27/38  
[25] EN  
[54] COMPOSITION HAVING SEALING AND SOUND DAMPENING PROPERTIES AND METHODS RELATED THERETO  
[54] COMPOSITIONS POSSEDDANT DES PROPRIETES D'ETANCHEITE ET D'ATTENUATION DU BRUIT ET METHODES CONNEXES  
[72] PALERMO, ANTHONY C., US  
[72] HARTMAN, MARVIS E., US  
[72] DESAI, UMESH C., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[22] 2003-06-27  
[41] 2004-12-27

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[21] 2,433,697  
[13] A1

[51] Int.Cl. 7F28F 9/013  
[25] EN  
[54] VIBRATION-RESISTANT MOUNTING BRACKET FOR HEAT EXCHANGERS  
[54] SUPPORT DE FIXATION RESISTANT AUX VIBRATIONS POUR ECHANGEURS THERMIQUES  
[72] KOZDRAS, MARK S., CA  
[72] KASPAR, ASAD MAX, CA  
[72] VANDERWEES, DOUG, CA  
[71] DANA CANADA CORPORATION, CA  
[22] 2003-06-27  
[41] 2004-12-27

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[21] 2,433,701  
[13] A1

[51] Int.Cl. 7B61D 17/00 7B61F 1/08  
[25] EN  
[54] CENTER PLATE ASSEMBLY FOR A RAIL ROAD CAR  
[54] CRAPAUDINE POUR WAGONS DE CHEMIN DE FER  
[72] COSLOVI, ILARIO A., CA  
[71] RONSCO INC., CA  
[22] 2003-06-27  
[41] 2004-12-27

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**Canadian Applications Open to Public Inspection**  
**December 26, 2004 to January 1, 2005**

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[21] **2,433,702**  
[13] A1

[51] Int.Cl. 7B65G 53/42 7B65G 53/34  
7B65G 53/40  
[25] EN  
[54] INTAKE NOZZLE FOR VACUUM  
PARTICULATE CONVEYOR  
[54] BUSE D'ASPIRATION POUR  
CONVOYEUR DE PARTICULES A  
DEPRESSION  
[72] BODIE, CAMERON DWIGHT, CA  
[72] VASS, DON GRANT, CA  
[71] BRANDT INDUSTRIES LTD., CA  
[22] 2003-06-27  
[41] 2004-12-27

[21] **2,433,724**  
[13] A1

[51] Int.Cl. 7A63B 33/00 7A61F 9/02  
[25] EN  
[54] IMPROVED INTEGRATED  
SWIMMING GOGGLES MECHANISM  
[54] MECANISME AMELIORE  
INTEGRE POUR LUNETTES DE  
NATATION  
[72] CHIANG, HERMAN, XX  
[71] CHIANG, HERMAN, XX  
[22] 2003-06-27  
[41] 2004-12-27

[21] **2,433,729**  
[13] A1

[51] Int.Cl. 7A63B 33/00 7A61F 9/02  
[25] EN  
[54] SWIMMING GOGGLES  
[54] LUNETTES DE NATATION  
[72] CHIANG, HERMAN, XX  
[71] CHIANG, HERMAN, XX  
[22] 2003-06-27  
[41] 2004-12-27

[21] **2,433,743**  
[13] A1

[51] Int.Cl. 7E04H 17/16  
[25] EN  
[54] MODULAR STACKABLE FENCE  
APPARATUS  
[54] MODULE DE CLOTURE  
EMPILABLE  
[72] ALBERTS, MICHAEL J., CA  
[71] ALBERTS, MICHAEL J., CA  
[22] 2003-06-27  
[41] 2004-12-27

[21] **2,433,750**  
[13] A1

[51] Int.Cl. 7G06F 11/34  
[25] EN  
[54] AUTOMATIC COLLECTION OF  
TRACE DETAIL AND HISTORY DATA  
[54] COLLECTE AUTOMATIQUE DE  
DETAILS DE TRACE ET DE DONNEES  
HISTORIQUES  
[72] ROSE, DANIEL A., CA  
[72] KOLLMANN, MICHAEL DIETER, CA  
[71] IBM CANADA LIMITED - IBM  
CANADA LIMITEE, CA  
[22] 2003-06-27  
[41] 2004-12-27

[21] **2,433,752**  
[13] A1

[51] Int.Cl. 7B60P 7/08  
[25] EN  
[54] MULTIFUNCTION TIE DOWN  
WINCH, VEHICLE INCLUDING THE  
SAME AND METHOD OF SECURING  
CARGO ON A VEHICLE  
[54] TREUIL D'ARRIMAGE  
MULTIFONCTIONS, VEHICULE AINSI  
EQUIPE ET METHODE  
D'ASSUJETTISSEMENT DE LA  
CARGaison A UN VEHICULE  
[72] TREMBLAY, RAYNALD, CA  
[71] TREMBLAY, RAYNALD, CA  
[71] TREMBLAY, DARRYL, CA  
[22] 2003-06-27  
[41] 2004-12-27

[21] **2,433,889**  
[13] A1

[51] Int.Cl. 7H03H 11/20  
[25] EN  
[54] PHASE SHIFT CIRCUIT  
[54] CIRCUIT DE DEPHASAGE  
[72] FAYYAZ, NADER, CA  
[71] RFTUNE INC., CA  
[22] 2003-06-26  
[41] 2004-12-26

[21] **2,433,911**  
[13] A1

[51] Int.Cl. 7B62D 55/26  
[25] EN  
[54] ENDLESS LOOP TRACK FOR A  
TRACK VEHICLE  
[54] CHENILLE POUR VEHICULE  
[72] LAMMLI, ERNEST, CA  
[71] LAMMLI, ERNEST, CA  
[22] 2003-06-27  
[41] 2004-12-27

[21] **2,433,914**  
[13] A1

[51] Int.Cl. 7F16L 11/115  
[25] EN  
[54] HIGH PRESSURE FLEXIBLE  
CONDUIT  
[54] CONDUITE SOUPLE A HAUTE  
PRESSION  
[72] WARREN, ANTHONY G., CA  
[72] BALLARD, EDWIN L., US  
[71] TE-AL #8 LIMITED PARTNERSHIP,  
US  
[22] 2003-06-27  
[41] 2004-12-27

[21] **2,433,921**  
[13] A1

[51] Int.Cl. 7G06F 17/60 7H04L 12/16  
[25] EN  
[54] A CATALOG FOR TARGETED  
AND NON-TARGETED PRODUCTS  
FOR E-COMMERCE  
[54] CATALOGUE DE PRODUITS  
CIBLES ET NON CIBLES POUR LE  
COMMERCE ELECTRONIQUE  
[72] CHAN, SAU CHU (JUDY), CA  
[72] CHAN, VICTOR S., CA  
[72] MIRLAS, LEV, CA  
[71] IBM CANADA LIMITED - IBM  
CANADA LIMITEE, CA  
[22] 2003-06-27  
[41] 2004-12-27

[21] **2,433,931**  
[13] A1

[51] Int.Cl. 7F23D 11/36 7F23Q 3/00  
7F24H 9/20  
[25] EN  
[54] TRANSFORMER FOR OIL  
BURNER IGNITOR  
[54] TRANSFORMATEUR POUR  
ALLUMEUR A MAZOUT  
[72] MORRISH, RAYMOND L.R., CA  
[72] ALT, DAVID, US  
[72] DESJARDINS, CYNTHIA M., CA  
[72] BASWICK, JON, CA  
[71] ALLANSON INTERNATIONAL INC.,  
CA  
[22] 2003-06-27  
[41] 2004-12-27

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] **2,433,957**  
 [13] A1

[51] Int.Cl. 7G06F 17/60 7H04L 12/16  
**7G06F 17/20**  
 [25] EN  
**[54] REFERRAL INTERFACE FOR TRANSACTION BETWEEN A SUPPLIER AND A COMMERCE MARKETER**  
**[54] INTERFACE DE TRANSACTION ENTRE UN FOURNISSEUR ET UN COMMERCANT**  
 [72] BORENSTEIN, HOWARD, CA  
 [72] SHORTLIFFE, GLEN, CA  
 [72] CHAN, VICTOR S., CA  
 [72] MIRLAS, LEV, CA  
 [71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
 [22] 2003-06-27  
 [41] 2004-12-27

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[21] **2,433,971**  
 [13] A1

[51] Int.Cl. 7G09F 7/18  
 [25] EN  
**[54] UNIVERSAL LICENSE PLATE HOLDER**  
**[54] PORTE-PLAQUE D'IMMATRICULATION UNIVERSEL**  
 [72] LAVIGNE, BERNIE, CA  
 [72] CHAPUT, LEO, CA  
 [71] C.G.L. LASERS INC., CA  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] **2,433,974**  
 [13] A1

[51] Int.Cl. 7B61G 5/02  
 [25] EN  
**[54] SYMMETRICAL MULTI-UNIT RAILROAD CAR**  
**[54] RAME DE VOITURES DE CHEMIN DE FER SYMETRIQUES**  
 [72] HEMATIAN, JAMAL, CA  
 [72] AL-KAAABI, MOHAMED, CA  
 [71] NATIONAL STEEL CAR LIMITED, CA  
 [22] 2003-06-27  
 [41] 2004-12-27

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[21] **2,433,975**  
 [13] A1

[51] Int.Cl. 7F28F 9/013  
 [25] EN  
**[54] RIBBED MOUNTING BRACKET FOR HEAT EXCHANGERS**  
**[54] SUPPORT DE MONTAGE A NERVURES POUR ECHANGEURS DE CHALEUR**  
 [72] KASPAR, ASAD MAX, CA  
 [72] TONELLATO, SILVIO, CA  
 [71] DANA CANADA CORPORATION, CA  
 [22] 2003-06-27  
 [41] 2004-12-27

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[21] **2,434,007**  
 [13] A1

[51] Int.Cl. 7B61L 25/00 7G08C 17/00  
 [25] EN  
**[54] SYSTEM FOR RAILROAD VEHICLE VERIFICATION**  
**[54] SYSTEME DE VERIFICATION DE VEHICULES FERROVIAIRES**  
 [72] HORST, FOLKERT, CA  
 [72] SZKLAR, OLEH, CA  
 [71] CANAC INC., CA  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] **2,434,017**  
 [13] A1

[51] Int.Cl. 7E05C 3/12 7E05B 15/00  
 [25] EN  
**[54] LATCH LOCK**  
**[54] SERRURE A PENE DEMI-TOUR**  
 [72] LIN, SHIH-HUNG, XX  
 [71] GLOBE UNION INDUSTRIAL CORP., XX  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] **2,434,041**  
 [13] A1

[51] Int.Cl. 7B26D 1/14  
 [25] EN  
**[54] CUTTING DEVICE FOR ROLLED MEDIA HAVING DUAL CUTTERS**  
**[54] DISPOSITIF DE COUPE A COUTEAUX DOUBLES POUR MATERIAU ENROULE**  
 [72] PETERSEN, KARA, CA  
 [71] PETERSEN, KARA, CA  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] **2,434,103**  
 [13] A1

[51] Int.Cl. 7B61L 25/00 7G08C 17/00  
 [25] EN  
**[54] SYSTEM FOR RAILROAD VEHICLE VERIFICATION**  
**[54] SYSTEME DE VERIFICATION DE DONNES SUR LE DEPLACEMENT D'UN VEHICULE FERROVIAIRE**  
 [72] SZKLAR, OLEH, CA  
 [72] HORST, FOLKERT, CA  
 [71] CANAC INC., CA  
 [22] 2003-07-02  
 [41] 2004-12-30  
 [30] CA (2,434,007) 2003-06-30  
 [30] US (10/611,571) 2003-07-01

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[21] **2,434,109**  
 [13] A1

[51] Int.Cl. 7F16L 3/02 7B65D 30/08  
**7F16L 3/08 7B65D 81/15 7B65D 30/24**  
 [25] EN  
**[54] DAMPLING OF CONDUCTOR TUBES**  
**[54] AMORTISSEMENT DE TUBES CONDUCTEURS**  
 [72] CRANSTON, PETER FINDLAY, GB  
 [72] CRAWFORD, BRIAN JAMES, GB  
 [72] RIACH, MICHAEL GORDON, GB  
 [71] AMEC SERVICES LIMITED, GB  
 [71] FURMANITE INTERNATIONAL LIMITED, GB  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] **2,434,111**  
 [13] A1

[51] Int.Cl. 7H04M 3/22 7H04M 3/08  
**7H02H 7/20**  
 [25] EN  
**[54] SYSTEM AND METHOD FOR THE POWERING AND FAULT PROTECTION OF REMOTE TELECOMMUNICATIONS EQUIPMENT**  
**[54] SYSTEME ET METHODE D'ALIMENTATION ET DE PROTECTION CONTRE LES PANNES POUR EQUIPEMENT DE TELECOMMUNICATIONS ELOIGNE**  
 [72] MULLINS, CLIVE, CA  
 [72] BIJMAN, MARTIN, CA  
 [71] CATENA NETWORKS CANADA INC., CA  
 [22] 2003-06-30  
 [41] 2004-12-30

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**Canadian Applications Open to Public Inspection**  
**December 26, 2004 to January 1, 2005**

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[21] 2,434,112  
 [13] A1

[51] Int.Cl. 7B25B 7/22  
 [25] EN  
**[54] SLEEVE RETENTION FOR TOOL**  
**[54] DISPOSITIF DE RETENUE DE**  
**MANCHONS D'OUTILS**  
 [72] WATSON, NATHAN B., US  
 [71] IDEAL INDUSTRIES, INC., US  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] 2,434,340  
 [13] A1

[51] Int.Cl. 7B65H 29/00 7B65H 45/04  
**7B65B 25/14**  
 [25] EN  
**[54] VERTICALLY ORIENTED**  
**LATERAL TRANSFER SYSTEM FOR**  
**INTERFOLDED SHEETS**  
**[54] SYSTEME DE TRANSFERT**  
**LATERAL ORIENTE**  
**VERTICALEMENT POUR FEUILLES**  
**ENTREPLIEES**  
 [72] WHITE, BARTON J., US  
 [71] FPNA ACQUISITION  
 CORPORATION, US  
 [22] 2003-07-04  
 [41] 2004-12-30  
 [30] US (10/610,458) 2003-06-30

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[21] 2,434,367  
 [13] A1

[51] Int.Cl. 7B61D 47/00 7B61D 15/00  
 [25] EN  
**[54] ROAD TRANSPORTABLE**  
**LOADING MACHINE FOR GONDOLA**  
**CARS**  
**[54] CHARGEUSE TRANSPORTABLE**  
**PAR ROUTE POUR WAGONS-**  
**TOMBEREAUX**  
 [72] MARCOTTE, NEIL, CA  
 [71] BRANDT ROAD RAIL  
 CORPORATION, CA  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] 2,434,434  
 [13] A1

[51] Int.Cl. 7B27B 25/04  
 [25] FR  
**[54] SYSTEME DE SCIAGE EN**  
**COURSE SUivant LA COURBURE**  
**NATURELLE D'UN PLATEAU**  
**[54] CURVED SAWING SYSTEM**  
**FOLLOWING THE NATURAL**  
**CURVATURE OF A TRAY**  
 [72] BUREAU, COME, CA  
 [71] BUREAU, COME, CA  
 [22] 2003-06-26  
 [41] 2004-12-26

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[21] 2,434,529  
 [13] A1

[51] Int.Cl. 7D04B 1/18 7D04B 9/44  
 [25] EN  
**[54] A CIRCULAR KNIT BLANK AND A**  
**GARMENT MADE THEREFROM**  
**[54] EBAUCHE TRICOTEE**  
**CIRCULAIRE ET VETEMENT AINSI**  
**CONFECTIONNE**  
 [72] CHAPMAN, JOSEPH WADE, US  
 [71] SARA LEE CORPORATION, US  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] 2,434,532  
 [13] A1

[51] Int.Cl. 7B07C 5/04  
 [25] EN  
**[54] APPARATUS AND METHOD OF**  
**SORTING AND COUNTING**  
**CONTAINERS**  
**[54] DISPOSITIF ET METHODE DE**  
**TRIET DE COMPTAGE DE**  
**RECIPIENTS**  
 [71] MERLIN PLASTICS ALBERTA INC.,  
 CA  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] 2,434,644  
 [13] A1

[51] Int.Cl. 7G06F 17/60  
 [25] FR  
**[54] SYSTEME POUR LA**  
**CERTIFICATION DES PLANS ET**  
**DEVIS PRODUITS PAR LES**  
**PROFESSIONNELS ET LES MAITRES**  
**D'OUVRAGE DE LA CONSTRUCTION**  
**[54] SYSTEM FOR THE**  
**CERTIFICATION OF PLANS AND**  
**SPECIFICATIONS PRODUCED BY**  
**CONSTRUCTION PROFESSIONALS**  
**AND CLIENTS**  
 [72] DUBUC, DOMINIQUE, CA  
 [71] ARCHIDATA INC., CA  
 [22] 2003-06-30  
 [41] 2004-12-30

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[21] 2,434,527  
 [13] A1

[51] Int.Cl. 7B60C 29/06  
 [25] EN  
**[54] LOCKING VALVE STEM AND CAP**  
**APPARATUS**  
**[54] TIGE DE SOUPAPE A**  
**VERROUILLAGE ET CAPUCHON**  
 [72] WRIGHT, SCOTT, US  
 [71] WRIGHT, SCOTT, US  
 [22] 2003-06-30  
 [41] 2004-12-30

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] **2,434,804**  
[13] A1

[51] Int.Cl. 7E21B 33/04  
[25] EN  
[54] MULTI-LOCK ADAPTERS FOR INDEPENDENT SCREWED WELLHEADS AND METHODS OF USING SAME  
[54] ADAPTATEURS A BLOCAGE MULTIPLE POUR TETES DE PUITS A FILETAGE INDEPENDANT ET METHODES D'UTILISATION CONNEXES  
[72] MCGUIRE, BOB, US  
[72] DALLAS, L. MURRAY, US  
[71] MCGUIRE, BOB, US  
[71] DALLAS, L. MURRAY, US  
[22] 2003-07-09  
[41] 2004-12-27  
[30] US (10/607,921) 2003-06-27

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[21] **2,436,742**  
[13] A1

[51] Int.Cl. 7C08L 31/04 7C08L 9/02  
[25] EN  
[54] POLYMER BLENDS COMPRISING NITRILE RUBBER  
[54] MELANGES DE POLYMERES CONTENANT DU CAOUTCHOUC NITRILE  
[72] FERRARI, LORENZO, CA  
[72] VON HELLENS, CARL WALTER, CA  
[72] CAMPOMIZZI, EZIO, CA  
[72] PAZUR, RICHARD, CA  
[71] BAYER INC., CA  
[22] 2003-06-26  
[41] 2004-12-26

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[21] **2,437,347**  
[13] A1

[51] Int.Cl. 7E06B 9/32 7E06B 9/307  
[25] EN  
[54] WINDOW BLIND CONTROL STRUCTURE  
[54] STRUCTURE DE COMMANDE DE STORE A RESSORT  
[72] NIEN, MING, XX  
[71] NIEN MADE ENTERPRISE CO., LTD., XX  
[22] 2003-08-08  
[41] 2004-12-27  
[30] TW (92211875) 2003-06-27

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[21] **2,440,297**  
[13] A1

[51] Int.Cl. 7H01H 21/24 7H01H 1/24  
**7H01H 3/60**  
[25] EN  
[54] SWITCH UNIT  
[54] INTERRUPEUR TACTILE SILENCIEUX  
[72] SUGIURA, IORI, JP  
[72] YAMAGUCHI, YOSHIHIRO, JP  
[71] KOJIMA PRESS INDUSTRY CO., LTD., JP  
[22] 2003-09-11  
[41] 2004-12-30  
[30] JP (2003-186060) 2003-06-30

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[21] **2,446,359**  
[13] A1

[51] Int.Cl. 7D06F 58/28 7D06F 58/08  
[25] EN  
[54] CLOTHES DRYER APPARATUS AND METHOD  
[54] SECHEUSE APPAREIL ET METHODE POUR SECHER LE LINGE  
[72] RIDDLE, DOUGLAS ALLEN, US  
[72] MEYER, JAMES ALAN, US  
[72] ABI-HABIB, EMILE EDWARD, US  
[72] HAMEED, ZUBAIR, US  
[72] GREEN, JEREMY MICHAEL, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2003-10-23  
[41] 2004-12-27  
[30] US (10/608,044) 2003-06-27

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[21] **2,446,369**  
[13] A1

[51] Int.Cl. 7D06F 33/02 7D06F 39/08  
[25] EN  
[54] CLOTHES WASHER FILLING CONTROL SYSTEMS AND METHODS  
[54] SYSTEMES ET METHODES DE COMMANDE DE REMPLISSAGE D'UNE LAVEUSE  
[72] LUECKENBACH, WILLIAM HENRY, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2003-10-23  
[41] 2004-12-30  
[30] US (10/610,129) 2003-06-30

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[21] **2,446,624**  
[13] A1

[51] Int.Cl. 7D06F 58/28 7D06F 58/26  
[25] EN  
[54] CLOTHES DRYER APPARATUS AND METHOD  
[54] SECHEUSE APPAREIL ET METHODE POUR SECHER LE LINGE  
[72] GREEN, JEREMY MICHAEL, US  
[72] RIDDLE, DOUGLAS ALLEN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2003-10-23  
[41] 2004-12-27  
[30] US (10/608,617) 2003-06-27

---

[21] **2,446,625**  
[13] A1

[51] Int.Cl. 7D06F 58/28 7D06F 58/26  
[25] EN  
[54] CLOTHES DRYER APPARATUS AND METHOD  
[54] SECHEUSE APPAREIL ET METHODE POUR SECHER LE LINGE  
[72] GREEN, JEREMY MICHAEL, US  
[72] RIDDLE, DOUGLAS ALLEN, US  
[72] HAMEED, ZUBAIR, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2003-10-23  
[41] 2004-12-27  
[30] US (10/608,178) 2003-06-27

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[21] **2,447,442**  
[13] A1

[51] Int.Cl. 7A61H 23/02  
[25] EN  
[54] BATTERY OPERATED FLEXIBLE MASSAGE TUBE  
[54] TUBE DE MASSAGE SOUPLE A PILES  
[72] MANGANO, JOY, US  
[71] INGENIOUS DESIGNS LLC, US  
[22] 2003-10-29  
[41] 2004-12-26  
[30] US (10/607,385) 2003-06-26

**Canadian Applications Open to Public Inspection**  
**December 26, 2004 to January 1, 2005**

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[21] **2,450,335**  
 [13] A1

[51] Int.Cl. 7A47L 9/16 7A47L 9/00  
 [25] EN  
**UPRIGHT TYPE VACUUM CLEANER**  
 [54] ASPIRATEUR VERTICAL  
 [72] PARK, JUNG-SEON, KR  
 [72] JEON, HYUNG-IL, KR  
 [71] SAMSUNG KWANGJU ELECTRONICS CO., LTD., KR  
 [22] 2003-11-21  
 [41] 2004-12-26  
 [30] KR (2003-42061) 2003-06-26

---

[21] **2,450,450**  
 [13] A1

[51] Int.Cl. 7A47L 9/00  
 [25] EN  
**A MULTIFUNCTION VACUUM CLEANER**  
 [54] ASPIRATEUR MULTIFONCTIONS  
 [72] PARK, JUNG-SEON, KR  
 [72] YANG, IL-WON, KR  
 [71] SAMSUNG KWANGJU ELECTRONICS CO., LTD., KR  
 [22] 2003-11-21  
 [41] 2004-12-26  
 [30] KR (2003-42058) 2003-06-26

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[21] **2,450,455**  
 [13] A1

[51] Int.Cl. 7A47L 9/00  
 [25] EN  
**VACUUM CLEANER HAVING INTEGRAL FRAME ASSEMBLY AND REMOVABLE MAIN BODY**  
 [54] ASPIRATEUR AVEC STRUCTURE INTEGREE ET PARTIE PRINCIPALE AMOVIBLE  
 [72] PARK, JUNG-SEON, KR  
 [72] JEON, HYUNG-IL, KR  
 [71] SAMSUNG KWANGJU ELECTRONICS CO., LTD., KR  
 [22] 2003-11-21  
 [41] 2004-12-26  
 [30] KR (2003-42057) 2003-06-26

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[21] **2,451,268**  
 [13] A1

[51] Int.Cl. 7A61K 38/27 7A61P 25/00  
**7A61K 31/197**  
 [25] EN  
**ALPHA2DELTA LIGANDS FOR THE TREATMENT OF FIBROMYALGIA AND OTHER DISORDERS**  
 [54] LIGANDS ALPHA2DELTA POUR LE TRAITEMENT DE LA FIBROMYALGIE ET D'AUTRES TROUBLES  
 [72] WUSTROW, DAVID JUERGEN, US  
 [72] WANG, FONG, US  
 [72] TAYLOR, CHARLES PRICE, JR., US  
 [72] THORPE, ANDREW JOHN, US  
 [71] WARNER-LAMBERT COMPANY LLC, US  
 [22] 2003-11-27  
 [41] 2004-12-27  
 [30] US (60/483,482) 2003-06-27

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[21] **2,451,319**  
 [13] A1

[51] Int.Cl. 7F25D 11/02 7F25D 29/00  
**7F25D 23/12**  
 [25] EN  
**METHODS AND APPARATUS FOR REFRIGERATOR COMPARTMENT**  
 [54] METHODES ET DISPOSITIFS POUR COMPARTIMENT DE REFRIGERATEUR  
 [72] CHASTINE, GARY LESTER, US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2003-11-27  
 [41] 2004-12-27  
 [30] US (10/608,047) 2003-06-27

---

[21] **2,451,329**  
 [13] A1

[51] Int.Cl. 7F25D 11/02 7F25D 23/00  
**7F25C 1/12**  
 [25] EN  
**REFRIGERATOR AND ICE MAKER METHODS AND APPARATUS**  
 [54] REFRIGERATEUR ET METHODES ET APPAREIL DE FABRICATION DE GLACONS  
 [72] GNADINGER, ERRIN W., US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2003-11-27  
 [41] 2004-12-30  
 [30] US (10/609,960) 2003-06-30

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[21] **2,453,192**  
 [13] A1

[51] Int.Cl. 7C11D 1/835 7C11D 1/62  
**7C11D 1/68**  
 [25] EN  
**CLEANING FORMULATIONS AND METHODS FOR MANUFACTURING THE SAME**  
 [54] PRODUITS DE NETTOYAGE ET METHODES DE FABRICATION  
 [72] LENHART, JOHN G., US  
 [71] PDQ MANUFACTURING, INC., US  
 [22] 2003-12-12  
 [41] 2004-12-26  
 [30] US (60/482,618) 2003-06-26

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[21] **2,454,024**  
 [13] A1

[51] Int.Cl. 7A47L 15/50 7A47L 15/42  
 [25] EN  
**DISHWASHER BASKET**  
 [54] PANIER DE LAVE-VAISSELLE  
 [72] CURRAN, JESSE ALLEN, US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2003-12-23  
 [41] 2005-01-01  
 [30] US (10/611,297) 2003-07-01

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[21] **2,454,113**  
 [13] A1

[51] Int.Cl. 7G06F 17/60 7G07F 7/08  
**7G07F 17/20**  
 [25] EN  
**REMOTE OPERATION MANAGEMENT SYSTEM**  
 [54] SYSTEME DE GESTION PAR TELECOMMANDE  
 [72] DICKERSON, DONALD RICHARD JR., US  
 [72] WEST, STEPHEN JAMES, US  
 [72] BICKNELL, WILLIAM HULL, US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2003-12-23  
 [41] 2004-12-30  
 [30] US (10/610,132) 2003-06-30

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] **2,454,711**  
[13] A1

[51] Int.Cl. 7G06K 9/62 7G06T 7/00  
7G06F 17/30  
[25] EN  
[54] SYSTEM AND METHOD FOR ORGANIZING IMAGES  
[54] SYSTEME ET METHODE D'ORGANISATION D'IMAGES  
[72] TAUGHER, LAWRENCE NATHANIEL, US  
[72] MARTIN, PAUL WILLIAM, US  
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US  
[22] 2003-12-31  
[41] 2004-12-27  
[30] US (10/608,180) 2003-06-27

---

[21] **2,454,729**  
[13] A1

[51] Int.Cl. 7A43B 13/38 7A43D 25/06  
7A43B 3/10  
[25] EN  
[54] TUFTED FOAM INSOLE AND TUFTED FOOTWEAR  
[54] SEMELLE INTERIEURE EN MOUSSE TUFTEE ET CHAUSSURE TUFTEE  
[72] REYNOLDS, GAIL ELIZABETH, US  
[72] ORBEGOZO, KRISTINA KIMBERLY, US  
[72] MICK, TODD MURRAY, US  
[72] LOESEL, DEBORAH D., US  
[71] TOTES ISOTONER CORPORATION, US  
[22] 2003-12-31  
[41] 2005-01-01  
[30] US (10/610,672) 2003-07-01

---

[21] **2,455,146**  
[13] A1

[51] Int.Cl. 7A47L 9/00 7A47L 9/16  
[25] EN  
[54] LOCKING UNIT OF CYCLONE TYPE DUST COLLECTING APPARATUS  
[54] DISPOSITIF DE VERROUILLAGE DE CYCLONE DEPOUSSIEREUR  
[72] LEE, BYUNG-JO, KR  
[72] CHOI, MIN-JO, KR  
[71] SAMSUNG KWANGJU ELECTRONICS CO., LTD., KR  
[22] 2004-01-14  
[41] 2004-12-26  
[30] KR (2003-42054) 2003-06-26

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[21] **2,455,209**  
[13] A1

[51] Int.Cl. 7D01D 5/08 7C08J 5/00 7B60C 9/02 7D01D 5/088 7B60C 9/18 7C08G 63/189 7D01F 6/62 7C08G 63/80  
[25] EN  
[54] HIGH TENACITY POLYETHYLENE-2,6-NAPHTHALATE FIBERS HAVING EXCELLENT PROCESSABILITY  
[54] FIBRES DE POLY(ETHYLENE-2,6-NAPHTALATE) A HAUTE TENACITE POSSEDENT UNE EXCEPTIONNELLE APTITUDE AU TRAITEMENT  
[72] KIM, YOUNG-JO, KR  
[72] KIM, WOO-SUNG, KR  
[72] KWON, IK-HYUN, KR  
[72] PARK, CHAN-MIN, KR  
[72] BANG, YUN-HYUK, KR  
[71] HYOSUNG CORPORATION, KR  
[22] 2004-01-14  
[41] 2004-12-30  
[30] KR (0043257) 2003-06-30

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[21] **2,455,299**  
[13] A1

[51] Int.Cl. 7C12N 9/52 7A61P 25/00 7A61P 31/00 7C12P 21/02 7C12N 1/20 7A61K 38/48  
[25] EN  
[54] A MICROORGANISM WITH PROTEASE DECOMPOSING PROTEINS RECALCITRANT TO PROTEOLYSIS  
[54] MICROORGANISME CONTENANT DE LA PROTEASE POUVANT DECOMPOSER DES PROTEINES RESISTANTES A LA PROTEOLYSE  
[72] DOI, HIROYASU, JP  
[72] KINOSHITA, NAOKO, JP  
[72] HUI, ZHAO, JP  
[72] OKA, TATSUZO, JP  
[71] MICROBIAL CHEMISTRY RESEARCH FOUNDATION, JP  
[22] 2004-01-16  
[41] 2005-01-01  
[30] JP (2003-270084) 2003-07-01

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[21] **2,455,515**  
[13] A1

[51] Int.Cl. 7E05B 17/00 7E05B 47/00 7B60R 13/00 7E05B 65/20  
[25] EN  
[54] FINISHER FOR A VEHICLE  
[54] DISPOSITIF DE PROTECTION POUR VEHICULE  
[72] ABE, YASUYUKI, JP  
[71] HASHIMOTO FORMING INDUSTRY COMPANY LIMITED, JP  
[22] 2004-01-21  
[41] 2004-12-30  
[30] JP (2003-187067) 2003-06-30

---

[21] **2,456,937**  
[13] A1

[51] Int.Cl. 7H01Q 21/30 7H01Q 5/00  
[25] EN  
[54] ANTENNA ELEMENT, FEED PROBE; DIELECTRIC SPACER, ANTENNA AND METHOD OF COMMUNICATING WITH A PLURALITY OF DEVICES  
[54] ELEMENT D'ANTENNE, SONDE D'ALIMENTATION, PIECE INTERCALAIRE DIELECTRIQUE, ANTENNE ET METHODE DE COMMUNICATION AVEC DIVERS DISPOSITIFS  
[72] BISIULES, PETER JOHN, US  
[72] YANG, CHING-SHUN, US  
[71] ANDREW CORPORATION, US  
[22] 2004-02-04  
[41] 2004-12-26  
[30] US (60/482,689) 2003-06-26  
[30] US (10/703,331) 2003-11-07

---

[21] **2,457,253**  
[13] A1

[51] Int.Cl. 7B60G 15/04 7F16F 13/04  
[25] EN  
[54] BOLSTER SPRING SUSPENSION ASSEMBLY  
[54] ENSEMBLE DE SUSPENSION SECONDAIRE  
[72] SELLERS, HOWARD E., US  
[71] SELLERS, HOWARD E., US  
[22] 2004-02-09  
[41] 2004-12-27  
[30] US (60/482,956) 2003-06-27  
[30] US (10/726,318) 2003-12-02

**Canadian Applications Open to Public Inspection**  
**December 26, 2004 to January 1, 2005**

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[21] **2,458,893**  
[13] A1

[51] Int.Cl. 7A61K 39/395 7C07K 16/08  
7A61P 31/20  
[25] EN  
[54] TREATMENT OF CHRONIC HUMAN VIRAL HEPATITIS  
HEPATITE CHRONIQUE CHEZ L'HUMAIN  
[72] LEVY, GARY, CA  
[72] MARSDEN, PHILIP, CA  
[71] TRILLIUM THERAPEUTICS INC., CA  
[22] 2004-02-26  
[41] 2004-12-26  
[30] US (60/482,448) 2003-06-26

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[21] **2,459,188**  
[13] A1

[51] Int.Cl. 7E21B 33/06  
[25] EN  
[54] WELLHEAD PRODUCTION BLOWOUT PREVENTER  
[54] BLOC OBTURATEUR POUR TETE DE PUITS DE PRODUCTION  
[72] LAM, TONY M., CA  
[71] STREAM-FLO INDUSTRIES LTD., CA  
[22] 2004-02-27  
[41] 2004-12-30  
[30] US (60/484,029) 2003-06-30  
[30] US (60/493,021) 2003-08-05

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[21] **2,459,671**  
[13] A1

[51] Int.Cl. 7H01J 61/36  
[25] EN  
[54] DISCHARGE LAMP HAVING FLUTED ELECTRICAL FEED-THROUGH  
[54] LAMPE A DECHARGE AVEC DISPOSITIF D'ALIMENTATION ELECTRIQUE CANNELE  
[72] ZASLAVSKY, GREGORY, US  
[72] AVALLON, JAMES, US  
[72] BROWNE, JOANNE, US  
[71] OSRAM SYLVANIA INC., US  
[22] 2004-03-04  
[41] 2004-12-26  
[30] US (10/606,532) 2003-06-26

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[21] **2,459,963**  
[13] A1

[51] Int.Cl. 7H04B 10/02 7H04B 10/08  
7H04L 12/24  
[25] EN  
[54] SYSTEM AND METHOD FOR POWER MANAGEMENT IN AN OPTICAL NETWORK  
[54] SYSTEME ET METHODE DE GESTION DE L'ENERGIE DANS UN RESEAU OPTIQUE  
[72] NG, EDDIE KAI HO, CA  
[72] WAN, PING WAI, CA  
[72] REMEDIOS, DERRICK, CA  
[72] KELLY, COLIN GEOFFREY, CA  
[72] GROVES, JOHN FREDERICK, CA  
[71] TROPIC NETWORKS INC., CA  
[22] 2004-03-02  
[41] 2004-12-30  
[30] US (60/483,141) 2003-06-30

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[21] **2,461,388**  
[13] A1

[51] Int.Cl. 7F24H 9/20 7F24H 9/02 7F24H 1/20  
[25] EN  
[54] WATER HEATER ELECTRICAL ENCLOSURE INSERT/FOAM DAM  
[54] STRUCTURE INSEREE DANS L'ENVELOPPE D'UN CHAUFFE-EAU POUR PROTEGER LES ELEMENTS ELECTRIQUES CONTRE LA MOUSSE ISOLANTE  
[72] BOROS, JOZEF, US  
[72] HENDERSON, DAVID L., US  
[72] HICKS, KENNETH J., US  
[71] RHEEM MANUFACTURING COMPANY, US  
[22] 2004-03-19  
[41] 2005-01-01  
[30] US (10/611,481) 2003-07-01

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[21] **2,462,621**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] METHOD OF HOME INSPECTION BUSINESS INCLUDING INDOOR AIR QUALITY ASSESSMENT  
[54] METHODE D'INSPECTION DE MAISONS COMPRENANT UNE EVALUATION DE LA QUALITE DE L'AIR A L'INTERIEUR  
[72] HOSTLAND, CRAIG, CA  
[71] HOSTLAND, CRAIG, CA  
[22] 2004-03-30  
[41] 2004-12-30  
[30] US (60/483,176) 2003-06-30

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[21] **2,463,062**  
[13] A1

[51] Int.Cl. 7H01Q 1/38 7H01Q 7/00  
7G01V 3/28  
[25] EN  
[54] FLEX (OR PRINTED) CIRCUIT AXIAL COILS FOR A DOWNHOLE LOGGING TOOL  
[54] BOBINE AXIALES DE CIRCUIT SOUPLE (OU IMPRIME) D'ANTENNE POUR APPAREIL DE DIAGRAPHIE DE TROU DE SONDAGE  
[72] ROSTHAL, RICHARD A., US  
[72] CHEN, KUO-CHIANG, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2004-04-01  
[41] 2004-12-30  
[30] US (10/609,734) 2003-06-30

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[21] **2,463,116**  
[13] A1

[51] Int.Cl. 7A41D 13/00 7A41D 27/20  
[25] EN  
[54] PROTECTIVE GARMENT WITH CARD DISPLAYING OR RECORDING DATA UNIQUE TO AUTHORIZED WEARER AND READABLE THROUGH GARMENT POCKET WINDOW  
[54] VETEMENT PROTECTEUR AVEC FENETRE DE POCHE POUR LA PRESENTATION D'UNE CARTE OU L'ENREGISTREMENT DE DONNEES UNIQUE AU PORTEUR AUTORISE ET DONT LA CARTE OU LES DONNEES SONT LISIBLES A TRAVERS LA FENETRE DE POCHE DU VETEMENT  
[72] REILLY, JOHN J., US  
[72] GRILLIOT, MARY I., US  
[72] GRILLIOT, WILLIAM L., US  
[71] MORNING PRIDE MANUFACTURING, L.L.C., US  
[22] 2004-04-01  
[41] 2004-12-27  
[30] US (10/607,952) 2003-06-27

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] **2,463,352**  
[13] A1

[51] Int.Cl. 7B43L 23/00  
[25] EN  
[54] SHARPENER FOR CREATING A FRUSTO-CONICAL TIP  
[54] AFFUTEUSE PERMETTANT DE FORMER UNE POINTE TRONCONIQUE  
[72] FREGEOLLE, GERALD PAUL, US  
[72] WONG, WING FAI, HK  
[71] HUNT HOLDINGS, INC., DE  
[22] 2004-04-06  
[41] 2004-12-27  
[30] US (60/483,578) 2003-06-27  
[30] US (10/654,079) 2003-09-03

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[21] **2,464,563**  
[13] A1

[51] Int.Cl. 7F23R 3/60 7F02C 1/00 7F02C 7/00 7F23R 3/42  
[25] EN  
[54] RABBET MOUNTED COMBUSTOR  
[54] CHAMBRE DE COMBUSTION A FEUILLURE  
[72] BARNES, BARRY FRANCIS, US  
[72] MCCAFFREY, TIMOTHY PATRICK, US  
[72] HOWELL, STEPHEN JOHN, US  
[72] JACOBSON, JOHN CARL, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2004-04-15  
[41] 2004-12-27  
[30] US (10/608,609) 2003-06-27

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[21] **2,464,830**  
[13] A1

[51] Int.Cl. 7F02K 1/34 7G10K 11/16 7F02K 1/44  
[25] EN  
[54] FLUIDIC CHEVRONS AND CONFIGURABLE THERMAL SHIELD FOR JET NOISE REDUCTION  
[54] SYSTEME DE REDUCTION DU BRUIT D'UN REACTEUR ET CAPOTAGE THERMIQUE CONFIGURABLE  
[72] MANI, RAMANI, US  
[72] KIRTLLEY, KEVIN, US  
[72] GRAZIOSI, PAOLO, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2004-04-22  
[41] 2004-12-30  
[30] US (10/610,718) 2003-06-30

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[21] **2,465,022**  
[13] A1

[51] Int.Cl. 7D21F 7/08  
[25] EN  
[54] PAPERMAKING FELT  
[54] FEUTRE DE FABRICATION DU PAPIER  
[72] ITO, YOSHIAKI, JP  
[71] ICHIKAWA CO., LTD., JP  
[22] 2004-04-19  
[41] 2004-12-30  
[30] JP (2003-187699) 2003-06-30

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[21] **2,465,719**  
[13] A1

[51] Int.Cl. 7B67D 3/04  
[25] EN  
[54] TAP HANDLE DISPLAY SYSTEM  
[54] SYSTEME DE PRESENTATION DE POIGNEES DE ROBINET  
[72] FORSYTH, STEPHEN W., CA  
[71] FORSYTH, STEPHEN W., CA  
[22] 2004-04-29  
[41] 2004-12-30  
[30] US (60/483,175) 2003-06-30

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[21] **2,466,538**  
[13] A1

[51] Int.Cl. 7E21B 49/00 7E21B 21/01  
[25] EN  
[54] SYSTEM FOR DEGASSING MUDS AND FOR ANALYSING THE GASES CONTAINED IN THE MUDS  
[54] SYSTEME DE DEGAZAGE DE BOUES ET D'ANALYSE DES GAZ CONTENUS DANS LES BOUES  
[72] KERHERVE, JOSEPH, IT  
[72] LHERMET, NICOLAS, FR  
[71] GEOLOG S.P.A., IT  
[22] 2004-05-06  
[41] 2004-12-27  
[30] FR (03 07773) 2003-06-27

---

[21] **2,466,548**  
[13] A1

[51] Int.Cl. 7A01B 45/02  
[25] EN  
[54] CANTILEVERED OUTBOARD TINE DEVICE FOR SOIL AERATION  
[54] PEIGNE EXTERIEUR EN SAILLIE POUR AERATION DU SOL  
[72] MCLEOD, ROBERT ARCHIE, CA  
[71] HOLLAND EQUIPMENT LIMITED, CA  
[22] 2004-05-06  
[41] 2004-12-26

[21] **2,466,852**  
[13] A1

[51] Int.Cl. 7C09D 175/04 7C09D 4/02 7C08J 7/04 7C08L 75/04 7C23C 14/24  
[25] EN  
[54] PARTIALLY COATED FASTENER ASSEMBLY AND METHOD FOR COATING  
[54] ENSEMBLE DE FIXATION A REVETEMENT PARTIEL ET METHODE DE REVETEMENT  
[72] LAT, GERONIMO E., US  
[72] MCDONALD, DANIEL P., US  
[72] SCHNIEDERMEIER, HENRY W., US  
[72] GRAY, HAROLD D., US  
[72] BERGSTROM, DONALD E., US  
[72] TUPEK, GARRY F., US  
[72] HICKS, PAUL L., US  
[72] KRAM, GUENTHER, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2004-05-11  
[41] 2004-12-30  
[30] US (10/610,228) 2003-06-30

---

[21] **2,467,171**  
[13] A1

[51] Int.Cl. 7A47F 7/00 7A47F 5/08  
[25] EN  
[54] DISPLAY FOR A CASKET SELECTION ROOM  
[54] PRESENTOIR POUR SALLE DE SELECTION DE CERCUEIL  
[72] SALATIN, RANDALL, US  
[72] BOWERS, DAVID TODD, US  
[72] SENTZ, JOHN, US  
[71] BATESVILLE SERVICES, INC., US  
[22] 2004-05-13  
[41] 2005-01-01  
[30] US (10/611,607) 2003-07-01

---

[21] **2,467,324**  
[13] A1

[51] Int.Cl. 7A63B 67/04  
[25] EN  
[54] COLLAPSIBLE TENNIS TABLE ASSEMBLY & BASE  
[54] TABLE ET BASE DE PING-PONG PLIANTES  
[72] DADBEH, BERMANALI H., US  
[71] SOP SERVICES, INC., US  
[22] 2004-05-14  
[41] 2004-12-30  
[30] US (10/609,858) 2003-06-30

**Canadian Applications Open to Public Inspection**  
**December 26, 2004 to January 1, 2005**

---

[21] **2,467,619**  
 [13] A1

[51] Int.Cl. 7F16L 59/02 7F24H 9/02  
 7F16L 59/05 7F16L 59/08  
 [25] EN  
**[54] WATER HEATER CHAMBER WRAP**  
**[54] ENVELOPPE DE CORPS DE CHAUFFE-EAU**  
 [72] HAND, JAMES R., US  
 [71] OWENS CORNING, US  
 [22] 2004-05-19  
 [41] 2004-12-30  
 [30] US (10/609,929) 2003-06-30

---

[21] **2,467,669**  
 [13] A1

[51] Int.Cl. 7B27N 3/04  
 [25] EN  
**[54] METHOD FOR IN-LINE PRODUCTION OF SMOOTH SURFACE BOARD**  
**[54] METHODE DE PRODUCTION EN CHAINE DE PANNEAUX LISSES**  
 [72] THOMAS, DAVID W., US  
 [71] OWENS CORNING, US  
 [22] 2004-05-19  
 [41] 2004-12-26  
 [30] US (10/606,988) 2003-06-26

---

[21] **2,467,951**  
 [13] A1

[51] Int.Cl. 7E04C 5/20  
 [25] EN  
**[54] REBAR SUPPORT CHAIR**  
**[54] CHAISES POUR BARRES D'ARMATURE A BETON**  
 [72] LEE, KENNETH, US  
 [72] BENNETT, CLIFFORD D., US  
 [71] AZTEC CONCRETE ACCESSORIES, INC., US  
 [22] 2004-05-21  
 [41] 2004-12-26  
 [30] US (10/606,498) 2003-06-26

---

[21] **2,469,140**  
 [13] A1

[51] Int.Cl. 7C07K 14/435 7A61K 38/02  
 7A61P 31/14 7A61K 39/395 7G01N 33/576  
**7C12Q 1/70**  
 [25] EN  
**[54] HCV REGULATED PROTEINS**  
**[54] PROTEINES REGULEES PAR LE VHC**  
 [72] KILBY, PETER MICHAEL, GB  
 [72] BERNDT, PETER, CH  
 [72] RUGMAN, PAUL, GB  
 [71] F. HOFFMANN-LA ROCHE AG, CH  
 [22] 2004-06-25  
 [41] 2004-12-30  
 [30] GB (0315248.5) 2003-06-30

---

[21] **2,469,239**  
 [13] A1

[51] Int.Cl. 7B65G 53/42  
 [25] EN  
**[54] INTAKE NOZZLE FOR VACUUM CONVEYOR**  
**[54] BUSE D'ASPIRATION POUR CONVOYEUR SOUS VIDE**  
 [72] VASS, DON GRANT, CA  
 [72] BODIE, CAMERON DWIGHT, CA  
 [71] BRANDT INDUSTRIES LTD., CA  
 [22] 2004-05-31  
 [41] 2004-12-27  
 [30] CA (2,433,702) 2003-06-27

---

[21] **2,469,374**  
 [13] A1

[51] Int.Cl. 7A23L 2/00 7A23L 1/30 7A23L 1/305 7A23L 2/60 7A23L 2/66  
 [25] EN  
**[54] NUTRITIONAL NON-CULTURED BEVERAGE COMPOSITION**  
**[54] COMPOSITION DE BOISSON NUTRITIVE NON CULTIVEE**  
 [72] MYERS, RANDOLPH, US  
 [72] CALE, KENNETH WILLIAM, US  
 [72] CAPLAN, ZACHARY POLLACK, US  
 [72] BARIL, JEAN-PIERRE, US  
 [72] PARKER, DONNA MARIA, US  
 [72] HAUSER, PATRICIA CARULLI, US  
 [71] KRAFT FOODS HOLDINGS, INC., US  
 [22] 2004-05-31  
 [41] 2004-12-27  
 [30] US (10/609,300) 2003-06-27

---

[21] **2,469,503**  
 [13] A1

[51] Int.Cl. 7G06F 12/02 7G06F 13/00  
 7H04L 9/32  
 [25] EN  
**[54] INSTANT MESSAGING OBJECT STORE**  
**[54] MISE EN MEMOIRE D'OBJET DE MESSAGERIE INSTANTANEE**  
 [72] MILLER, DAVID MICHAEL, US  
 [72] VONKOCH, WALTER, US  
 [72] HOLMES, JOHN, US  
 [71] MICROSOFT CORPORATION, US  
 [22] 2004-06-01  
 [41] 2005-01-01  
 [30] US (10/611,599) 2003-07-01

---

[21] **2,469,530**  
 [13] A1

[51] Int.Cl. 7E05C 9/20 7E05D 13/00  
**7E05D 15/00**  
 [25] EN  
**[54] TRANSMISSION ROD FOR ACCESSORIES FOR WINDOWS AND DOORS**  
**[54] TIGE DE TRANSMISSION POUR ACCESSOIRES DE PORTES ET FENETRES**  
 [72] BALBO DI VINADIO, AIMONE, IT  
 [71] SAVIO SPA, IT  
 [22] 2004-06-02  
 [41] 2004-12-27  
 [30] IT (TO2003A000488) 2003-06-27

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[21] **2,469,535**  
 [13] A1

[51] Int.Cl. 7A47J 47/10 7A47J 47/00  
**7A47G 23/06 7B65D 81/24 7B65D 85/76**  
 [25] EN  
**[54] CHEESE SERVER**  
**[54] RECIPIENT A FROMAGE**  
 [72] MORTIER, JOHAN M.J.K., BE  
 [72] CAUTEREELS, VICTOR J.J., BE  
 [72] DECRAIM, JEAN-MARIE, BE  
 [71] DART INDUSTRIES INC., US  
 [22] 2004-06-02  
 [41] 2005-01-01  
 [30] US (10/611,707) 2003-07-01

---

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] **2,469,749**  
[13] A1

[51] Int.Cl. 7H04L 12/22 7G06F 13/14  
**7H04L 9/32**  
[25] EN  
[54] THREE WAY VALIDATION AND AUTHENTICATION OF BOOT FILES TRANSMITTED FROM SERVER TO CLIENT  
[54] VALIDATION ET AUTHENTIFICATION TRIPLES DE FICHIERS D'AMORCAGE TRANSMIS D'UN SERVEUR A UN CLIENT  
[72] MILLER, WESLEY G., US  
[71] MICROSOFT CORPORATION, US  
[22] 2004-06-03  
[41] 2004-12-27  
[30] US (10/609,152) 2003-06-27

[21] **2,469,854**  
[13] A1

[51] Int.Cl. 7F23D 3/24  
[25] FR  
[54] SYSTEME DE BRULEUR A COMBUSTION CATALYTIQUE ET FLACON EQUIPE D'UN TEL SYSTEME  
[54] CATALYTIC COMBUSTION BURNER SYSTEM AND BOTTLE EQUIPPED WITH SAME  
[72] GOMEZ, CORINNE, FR  
[72] LEHOUX, JANNICK, FR  
[71] PRODUITS BERGER, FR  
[22] 2004-05-13  
[41] 2004-12-27  
[30] FR (03 07767) 2003-06-27

[21] **2,470,013**  
[13] A1

[51] Int.Cl. 7H04L 12/12 7H04L 12/16  
[25] EN  
[54] TRANSPORT SYSTEM FOR INSTANT MESSAGING  
[54] SYSTEME DE TRANSMISSION POUR MESSAGERIE INSTANTANEE  
[72] HOLMES, JOHN, US  
[72] MILLER, DAVID MICHAEL, US  
[72] VONKOCHE, WALTER, US  
[71] MICROSOFT CORPORATION, US  
[22] 2004-06-01  
[41] 2005-01-01  
[30] US (10/611,575) 2003-07-01

[21] **2,470,072**  
[13] A1

[51] Int.Cl. 7F23D 3/24  
[25] FR  
[54] BRULEUR A COMBUSTION CATALYTIQUE EN MATIERE POREUSE ET FLACON EQUIPE D'UN TEL BRULEUR  
[54] CATALYTIC COMBUSTION BURNER IN A POROUS MATERIAL AND BOTTLE EQUIPPED WITH SAME  
[72] LEHOUX, JANNICK, FR  
[72] GOMEZ, CORINNE, FR  
[71] PRODUITS BERGER, FR  
[22] 2004-06-15  
[41] 2004-12-27  
[30] FR (03 07765) 2003-06-27

[21] **2,470,089**  
[13] A1

[51] Int.Cl. 7F01D 9/02 7F01D 5/30  
[25] FR  
[54] DISPOSITIF DE GUIDAGE D'UNE AUBE A ANGLE DE CALAGE VARIABLE  
[54] GUIDING DEVICE FOR A BLADE WITH VARIABLE BLADE ANGLE  
[72] BUFFENOIR, FRANCOIS, FR  
[72] DEBENEIX, PIERRE, FR  
[72] BROMANN, ALAIN, FR  
[71] SNECMA MOTEURS, FR  
[22] 2004-06-18  
[41] 2004-12-26  
[30] FR (03 07707) 2003-06-26

[21] **2,470,300**  
[13] A1

[51] Int.Cl. 7H04L 12/24 7H04L 12/12  
[25] EN  
[54] NETWORK LOAD BALANCING WITH HOST STATUS INFORMATION  
[54] EQUILIBRAGE DE CHARGE DE RESEAU AVEC DONNEES SUR L'ETAT DE L'HOTE  
[72] SUBBARAMAN, CHITTUR, US  
[72] DARLING, CHRISTOPHER L., US  
[72] SHRIVASTAVA, SUNITA, US  
[72] JOY, JOSEPH M., US  
[71] MICROSOFT CORPORATION, US  
[22] 2004-06-08  
[41] 2004-12-30  
[30] US (10/610,519) 2003-06-30

[21] **2,470,420**  
[13] A1

[51] Int.Cl. 7H04L 12/12 7H04L 12/24  
**7G06F 9/40**  
[25] EN  
[54] NETWORK LOAD BALANCING WITH CONNECTION MANIPULATION  
[54] EQUILIBRAGE DE CHARGE DE RESEAU AVEC GESTION DE CONNEXION  
[72] GBADEGESIN, ABOLADE, US  
[72] HYDRÉE, AAMER, US  
[72] JOY, JOSEPH M., US  
[72] WELLAND, ROBERT V., US  
[72] KANIYAR, SANJAY, US  
[72] HOUSE, SEAN B., US  
[71] MICROSOFT CORPORATION, US  
[22] 2004-06-09  
[41] 2004-12-30  
[30] US (10/657,568) 2003-09-08  
[30] US (10/610,506) 2003-06-30  
[30] US (10/610,519) 2003-06-30  
[30] US (10/610,321) 2003-06-30

[21] **2,470,448**  
[13] A1

[51] Int.Cl. 7A01H 4/00 7A01H 7/00  
**7C12N 5/02 7C12N 5/04**  
[25] EN  
[54] USE OF A ABScisic ACID IN SOMOTIC EMBRYOGENESIS OF PINE TREES  
[54] UTILISATION D'ACIDE ABScisique DANS L'EMBRYOGENESE SOMATIQUE DE PINS  
[72] CARPENTER, CAROLYN V., US  
[71] WEYERHAEUSER COMPANY, US  
[22] 2004-06-08  
[41] 2004-12-30  
[30] US (60/484,163) 2003-06-30

**Canadian Applications Open to Public Inspection**  
**December 26, 2004 to January 1, 2005**

---

[21] **2,470,607**  
 [13] A1

[51] Int.Cl. 7B65G 41/02 7B61B 13/00  
 [25] EN  
 [54] **FRICITION DRIVE CONVEYOR**  
 [54] **CONVOYEUR A ENTRAINEMENT PAR FRICITION**  
 [72] IBA, TOSHIYUKI, JP  
 [72] MURAKAMI, HIROYUKI, JP  
 [72] OBATA, JUNJI, JP  
 [72] MIYOSHI, KAZUHIKO, JP  
 [72] NISHIHARA, SHIGEYOSHI, JP  
 [72] MORITA, SUSUMU, JP  
 [71] DAIFUKU CO., LTD., JP  
 [22] 2004-06-10  
 [41] 2004-12-27  
 [30] JP (2003-184806) 2003-06-27  
 [30] JP (2003-184807) 2003-06-27  
 [30] JP (2003-184808) 2003-06-27  
 [30] US (2003-184809) 2003-06-27

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[21] **2,470,872**  
 [13] A1

[51] Int.Cl. 7F02M 35/00 7F02D 9/08  
 7F02M 35/16  
 [25] EN  
 [54] **SUCTION DEVICE OF ENGINE FOR VEHICLE**  
 [54] **DISPOSITIF D'ASPIRATION DE MOTEUR DE VEHICULE**  
 [72] KUDO, TAKASHI, JP  
 [72] HANAI, TOSHINORI, JP  
 [72] ISHIKAWA, YUZURU, JP  
 [72] KINOSHITA, YOSHITERU, JP  
 [71] HONDA MOTOR CO., LTD., JP  
 [22] 2004-06-14  
 [41] 2005-01-01  
 [30] JP (2003-189220) 2003-07-01  
 [30] JP (2004-144115) 2004-05-13

---

[21] **2,470,886**  
 [13] A1

[51] Int.Cl. 7G01M 15/00  
 [25] EN  
 [54] **METHOD AND APPARATUS FOR PROCESSING AND DISPLAY OF DIESEL INJECTION WAVEFORM**  
 [54] **METHODE ET DISPOSITIF DE TRAITEMENT ET D'AFFICHAGE DE FORME D'ONDE D'INJECTION DE DIESEL**  
 [72] SEBASTIAN, SCOTT R., US  
 [72] FRANZ, MARTIN P., US  
 [72] WITTLIFF, WILLIAM W., III, US  
 [72] BOYSEN, DALE R., US  
 [71] SPX CORPORATION, US  
 [22] 2004-06-14  
 [41] 2004-12-27  
 [30] US (10/606,892) 2003-06-27

---

[21] **2,470,889**  
 [13] A1

[51] Int.Cl. 7A01H 1/04 7G06F 19/00  
 7A01H 4/00 7G01J 3/44  
 [25] EN  
 [54] **METHOD FOR CLASSIFYING PLANT EMBRYOS USING RAMAN SPECTROSCOPY**  
 [54] **METHODE DE CLASSIFICATION DE PLANTULES A L'AIDE DE LA SPECTROSCOPIE RAMAN**  
 [72] PENTTILA, BRIAN, US  
 [72] CARPENTER, CARMELYN, US  
 [71] WEYERHAEUSER COMPANY, US  
 [22] 2004-06-14  
 [41] 2004-12-30  
 [30] US (60/560,709) 2003-06-30

---

[21] **2,470,890**  
 [13] A1

[51] Int.Cl. 7F24C 7/08  
 [25] EN  
 [54] **PROGRAMMABLE POWER LEVEL CONTROL FOR A COOKING APPLIANCE**  
 [54] **COMMANDE DE NIVEAU DE PUISSANCE PROGRAMMABLE POUR APPAREIL DE CUISSON**  
 [72] SAUTER, KENNETH E., US  
 [72] SHIN, INHO ANDY, US  
 [71] MAYTAG CORPORATION, US  
 [22] 2004-06-14  
 [41] 2004-12-26  
 [30] US (10/606,072) 2003-06-26

---

[21] **2,470,893**  
 [13] A1

[51] Int.Cl. 7F24C 3/00 7F24C 3/10 7F24C 15/10  
 [25] EN  
 [54] **SMOOTH SURFACE GAS COOKTOP HAVING AN ELECTRIC IGNITION/TURNDOWN SYSTEM**  
 [54] **SURFACE LISSE DE CUISSON AU GAZ AVEC SYSTEME D'ALLUMAGE/EXTINCTION ELECTRIQUE**  
 [72] PICKERING, MARK A., US  
 [71] MAYTAG CORPORATION, US  
 [22] 2004-06-14  
 [41] 2004-12-26  
 [30] US (10/603,752) 2003-06-26

---

[21] **2,470,911**  
 [13] A1

[51] Int.Cl. 7A61B 5/15  
 [25] EN  
 [54] **LANCING DEVICES AND METHODS OF USING THE SAME**  
 [54] **LANCETTES ET METHODES D'UTILISATION**  
 [72] KURIGER, REX J., US  
 [71] BAYER HEALTHCARE LLC, US  
 [22] 2004-06-15  
 [41] 2004-12-30  
 [30] US (60/483,409) 2003-06-30

---

[21] **2,470,966**  
 [13] A1

[51] Int.Cl. 7G06F 19/00 7G01N 33/50  
 7G01N 33/53 7G01N 33/68

[25] EN  
 [54] **PHARMACOPHORE MODEL GENERATION AND USE**  
 [54] **GENERATION ET UTILISATION DE MODELES DE PHARMACOPHORES**  
 [72] MAYNARD, ALLISTER J., US  
 [72] WALDMAN, MARVIN, US  
 [72] SUTTER, JONATHAN MAR, US  
 [71] ACCELRY SOFTWARE, INC., US  
 [22] 2004-06-14  
 [41] 2004-12-26  
 [30] US (60/483,267) 2003-06-26

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[21] **2,470,989**  
 [13] A1

[51] Int.Cl. 7B60R 19/03 7B60R 19/02  
 [25] EN  
 [54] **MULTIPLE MATERIAL BUMPER BEAM**

[54] **POUTRE DE PARE-CHOC EN MATERIAUX MULTIPLES**  
 [72] GABBIANELLI, GIANFRANCO, US  
 [72] MILLIS, JEFFERY JAY, US  
 [72] CUMMING, DAVID M., US  
 [72] UCHIYAMA, HIROSHI, JP  
 [71] MAGNA INTERNATIONAL INC., CA  
 [22] 2004-06-15  
 [41] 2004-12-27  
 [30] US (10/608,730) 2003-06-27

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] **2,471,065**  
[13] A1

[51] Int.Cl. 7A61M 5/32  
[25] EN  
[54] MEDICAL NEEDLE ASSEMBLIES  
[54] ASSEMBLAGES DE SERINGUES  
MEDICALES  
[72] HENNIGER, GARY, US  
[72] CAIZZA, RICHARD J., US  
[72] KARTERAAS, ESPEN D., US  
[72] PRAIS, ALFRED W., US  
[71] BECTON, DICKINSON AND  
COMPANY, US  
[22] 2004-06-15  
[41] 2004-12-27  
[30] US (10/609,146) 2003-06-27

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[21] **2,471,070**  
[13] A1

[51] Int.Cl. 7B65D 25/32 7B44D 3/12  
[25] EN  
[54] PLASTIC CONTAINER WITH  
INTEGRAL BAIL  
[54] CONTENANT EN PLASTIQUE  
AVEC ANSE INTEGREE  
[72] AZZARELLO, FRANCIS T., US  
[71] UNITED STATES CAN COMPANY,  
US  
[22] 2004-06-16  
[41] 2005-01-01  
[30] US (10/611,332) 2003-07-01

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[21] **2,471,129**  
[13] A1

[51] Int.Cl. 7A47J 42/20  
[25] EN  
[54] COFFEE GRINDER ASSEMBLY  
FOR A COFFEE MACHINE  
[54] MOULIN A CAFE POUR  
CAFETIERE  
[72] TURI, MARIANO, CH  
[71] FIANARA INTERNATIONAL B.V.,  
NL  
[22] 2004-06-16  
[41] 2004-12-30  
[30] CH (01152/03) 2003-06-30

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[21] **2,471,180**  
[13] A1

[51] Int.Cl. 7F16G 11/14 7F16G 11/10  
[25] EN  
[54] CLEAT DEVICE FOR A FLEXIBLE  
LINE AND METHOD OF USING SAME  
[54] TAQUET COINCEUR POUR  
CONDUITE SOUPLE ET METHODE  
D'UTILISATION  
[72] PERRI, MICHAEL D., US  
[72] SUTER, BRYON M., US  
[71] PERRI, MICHAEL D., US  
[71] INDUSTRIAL SALES  
CORPORATION, US  
[22] 2004-06-16  
[41] 2004-12-30  
[30] US (10/611,356) 2003-06-30

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[21] **2,471,320**  
[13] A1

[51] Int.Cl. 7H04N 1/00 7G06T 7/00  
7H04N 1/04  
[25] EN  
[54] SYSTEMS AND METHODS FOR  
ESTIMATING AN IMAGE MARKING  
PROCESS USING SCANNED IMAGE  
ATTRIBUTES  
[54] SYSTEMES ET METHODES  
D'EVALUATION D'UN PROCESSUS DE  
MARQUAGE D'IMAGES FAISANT  
APPEL A DES CARACTERISTIQUES  
D'IMAGES BALAYEES  
[72] SHARMA, GAURAV, US  
[72] WANG, SHEN-GE, US  
[72] ESCHBACH, REINER, US  
[71] XEROX CORPORATION, US  
[22] 2004-06-17  
[41] 2004-12-30  
[30] US (10/604,200) 2003-06-30

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[21] **2,471,334**  
[13] A1

[51] Int.Cl. 7G01N 25/72 7G01N 21/95  
[25] EN  
[54] METHODS FOR DETERMINING  
THE DEPTH OF DEFECTS  
[54] METHODES POUR DETERMINER  
LA PROFONDEUR DES DEFECTS  
[72] BAUCO, ANTHONY S., US  
[72] HARDING, KEVIN GEORGE, US  
[72] CANTELLO, CRAIG ALAN, US  
[72] DEVITT, JOHN WILLIAM, US  
[71] GENERAL ELECTRIC COMPANY,  
US  
[22] 2004-06-17  
[41] 2004-12-30  
[30] US (10/609,812) 2003-06-30

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[21] **2,471,352**  
[13] A1

[51] Int.Cl. 7A01H 1/04  
[25] EN  
[54] METHOD AND SYSTEM FOR  
THREE-DIMENSIONALLY IMAGING  
AN APICAL DOME OF A PLANT  
[54] METHODE ET SYSTEME DE  
REPRESENTATION  
TRIDIMENSIONNELLE DU DOME  
APICAL D'UNE PLANTE  
[72] SPENCER, PAUL ROGER, US  
[72] CARLSON, WILLIAM C., US  
[72] HIRAHARA, EDWIN, US  
[71] WEYERHAEUSER COMPANY, US  
[22] 2004-06-17  
[41] 2004-12-30  
[30] US (60/560,718) 2003-06-30

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[21] **2,471,384**  
[13] A1

[51] Int.Cl. 7B41J 13/00 7B41J 13/10  
7B41J 13/26  
[25] EN  
[54] SYSTEM FOR PREVENTING  
INCORRECT LOADING OF PRINTER  
PAPER TRAYS  
[54] SYSTEME DE PREVENTION DE  
CHARGEMENT INAPPROPRIÉ DES  
PLATEAUX D'ALIMENTATION D'UNE  
IMPRIMANTE  
[72] BOBER, HENRY T., US  
[72] LEVETO, MARK L., US  
[71] XEROX CORPORATION, US  
[22] 2004-06-18  
[41] 2004-12-26  
[30] US (10/607,183) 2003-06-26

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[21] **2,471,386**  
[13] A1

[51] Int.Cl. 7H04N 1/00 7H04N 1/64  
[25] EN  
[54] RASTER IMAGE PATH  
ARCHITECTURE  
[54] ARCHITECTURE DE CHEMIN  
D'ACCES A DES IMAGES TRAMEES  
[72] BANTON, MARTIN E., US  
[72] JACOBS, WILLIAM S., US  
[72] ROBINSON, DAVID C., US  
[72] MOORE, JOHN A., US  
[71] XEROX CORPORATION, US  
[22] 2004-06-18  
[41] 2004-12-27  
[30] US (10/607,761) 2003-06-27

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**Canadian Applications Open to Public Inspection**  
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[21] **2,471,390**  
 [13] A1

[51] Int.Cl. 7G01B 11/00 7B41F 33/00  
 7B41J 29/00  
 [25] EN  
**POSITION ENCODER**  
**CODEUR DE POSITION**  
[72] KNIERIM, DAVID L., US  
[72] MARTENSON, DAVID D., US  
[71] XEROX CORPORATION, US  
[22] 2004-06-18  
[41] 2004-12-26  
[30] US (10/608,877) 2003-06-26

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[21] **2,471,438**  
 [13] A1

[51] Int.Cl. 7A01C 1/00 7A01H 4/00  
 7A01C 1/02 7C12Q 1/04  
 [25] EN  
**AUTOMATED SYSTEM AND  
METHOD FOR HARVESTING AND  
MULTI-STAGE SCREENING OF PLANT  
EMBRYOS**  
**SYSTEME ET METHODE  
AUTOMATISES DE RECOLTE ET DE  
TAMISAGE MULTIPLE D'EMBRYONS  
DE PLANTES**  
[72] HIRAHARA, EDWIN, US  
[72] Surerus-Lopez, HEATHER, US  
[72] FOLSTER, HARRY G., US  
[72] TIMMIS, ROGER, US  
[71] WEYERHAEUSER COMPANY, US  
[22] 2004-06-17  
[41] 2004-12-30  
[30] US (60/509,070) 2003-06-30

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[21] **2,471,441**  
 [13] A1

[51] Int.Cl. 7B65D 41/62 7B65B 25/00  
 7B65D 53/08  
 [25] EN  
**HOT FILL CONTAINER AND  
CLOSURE AND ASSOCIATED  
METHOD**  
**CONTENEUR DE  
CONDITIONNEMENT A CHAUD ET  
DISPOSITIF DE FERMETURE, ET  
METHODE ASSOCIEE**  
[72] RANIWALA, SUBODH K., US  
[71] STOKELY-VAN CAMP, INC., US  
[22] 2004-06-17  
[41] 2004-12-26  
[30] US (10/606,439) 2003-06-26

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[21] **2,471,450**  
 [13] A1

[51] Int.Cl. 7G03B 35/00 7A01C 1/00  
 7G03B 35/18  
 [25] EN  
**METHOD AND SYSTEM FOR  
SIMULTANEOUSLY IMAGING  
MULTIPLE VIEWS OF A PLANT  
EMBRYO**  
**METHODE ET SYSTEME  
PERMETTANT DE REPRESENTER  
SIMULTANEMENT DES VUES  
MULTIPLES D'UN EMBRYON  
VEGETAL**  
[72] HIRAHARA, EDWIN, US  
[72] SPENCER, PAUL ROGER, US  
[71] WEYERHAEUSER COMPANY, US  
[22] 2004-06-17  
[41] 2004-12-30  
[30] US (60/560,708) 2003-06-30

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[21] **2,471,529**  
 [13] A1

[51] Int.Cl. 7C07D 311/80 7C09D 11/02  
 [25] EN  
**COLORANT COMPOUNDS**  
**COLORANTS**  
[72] DUFF, JAMES M., US  
[72] WU, BO, US  
[72] BANNING, JEFFERY H., US  
[72] BRIDGEMAN, RANDALL R., US  
[72] WEDLER, WOLFGANG G., US  
[72] THOMAS, JULE W., JR., US  
[71] XEROX CORPORATION, US  
[22] 2004-06-18  
[41] 2004-12-26  
[30] US (10/607,373) 2003-06-26

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[21] **2,471,533**  
 [13] A1

[51] Int.Cl. 7C09D 11/02  
 [25] EN  
**PHASE CHANGE INKS  
CONTAINING COLORANT  
COMPOUNDS**  
**ENCRES A CHANGEMENT DE  
PHASE CONTENANT DES  
COLORANTS**  
[72] WU, BO, US  
[72] DUFF, JAMES M., US  
[72] BANNING, JEFFERY H., US  
[72] WEDLER, WOLFGANG G., US  
[72] BRIDGEMAN, RANDALL R., US  
[72] THOMAS, JULE W., JR., US  
[71] XEROX CORPORATION, US  
[22] 2004-06-18  
[41] 2004-12-26  
[30] US (10/606,631) 2003-06-26

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[21] **2,471,636**  
 [13] A1

[51] Int.Cl. 7C09D 5/03 7C09D 133/02  
 7C08J 7/04 7C08K 5/092 7C08G 59/42  
 [25] EN  
**CARBOXY-FUNCTIONAL  
CROSSLINKERS FOR EPOXY-  
FUNCTIONAL POWDER-LACQUER  
BINDING AGENTS**  
**AGENTS DE RETICULATION  
COMPORTANT DES FONCTIONS  
CARBOXY SERVANT A DES AGENTS  
DE LIAGE Poudre/Laque  
COMPORTANT DES FONCTIONS  
EPOXY**  
[72] HALPAAP, REINHARD, DE  
[72] GUERTLER, CHRISTOPH, DE  
[72] GRAHL, MICHAEL, DE  
[72] THOMETZEK, PETER, DE  
[72] LAAS, HANS-JOSEF, DE  
[72] RAWLINS, JAMES, DE  
[71] BAYER MATERIALSCIENCE AG, DE  
[22] 2004-06-21  
[41] 2004-12-26  
[30] DE (10328664.0) 2003-06-26

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[21] **2,471,696**  
 [13] A1

[51] Int.Cl. 7F16L 3/04 7B25B 5/14  
 [25] EN  
**FAST SCREW PIPE CLAMP**  
**COLLIER DE SERRAGE DE  
TUYAU A VIS RAPIDE**  
[72] SMITH, WILLIAM, CA  
[72] MICHAUD, ALAIN, CA  
[71] THOMAS & BETTS  
INTERNATIONAL, INC., US  
[22] 2004-06-21  
[41] 2004-12-30  
[30] US (60/483,876) 2003-06-30

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[21] **2,471,697**  
 [13] A1

[51] Int.Cl. 7B65D 19/24  
 [25] EN  
**PALLET SUPPORT UNIT**  
**DISPOSITIF DE SUPPORT DE  
PALETTE**  
[72] HASSELL, JON P., US  
[72] APPS, WILLIAM P., US  
[71] REHRIG PACIFIC COMPANY, US  
[22] 2004-06-21  
[41] 2005-01-01  
[30] US (10/612,348) 2003-07-01

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] **2,471,789**  
 [13] A1

[51] Int.Cl. 7E21B 23/00  
 [25] EN  
 [54] METHOD AND APPARATUS FOR BACKING OFF A TUBULAR MEMBER FROM A WELLBORE  
 [54] METHODE ET DISPOSITIF DE DÉGAGEMENT D'UN ELEMENT TUBULAIRE D'UN PUITS DE FORAGE  
 [72] ROBERTS, JOHN, US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-06-22  
 [41] 2004-12-26  
 [30] US (10/607,510) 2003-06-26

[21] **2,471,792**  
 [13] A1

[51] Int.Cl. 7H04L 12/16 7E05F 15/18  
 [25] EN  
 [54] METHOD AND APPARATUS FOR MONITORING A MOVABLE BARRIER OVER A NETWORK  
 [54] METHODE ET APPAREIL DE SURVEILLANCE D'UNE BARRIERE MOBILE SUR UN RESEAU  
 [72] PETERSON, ERIC, US  
 [72] GREGORI, ERIC M., US  
 [71] THE CHAMBERLAIN GROUP, INC., US  
 [22] 2004-06-21  
 [41] 2004-12-26  
 [30] US (10/606,984) 2003-06-26

[21] **2,471,797**  
 [13] A1

[51] Int.Cl. 7C08G 18/82 7C09D 5/03  
 7C08J 7/04 7C09D 201/08 7C08L 101/08  
 7C08G 18/34 7C08G 18/64 7C08G 18/72  
 [25] EN  
 [54] POLYISOCYANATE-MODIFIED POLYCARBOXYLIC ACIDS  
 [54] ACIDES POLYCARBOXYLIQUES MODIFIÉS AVEC PLUSIEURS GROUPES ISOCYANATES  
 [72] RAWLINS, JAMES, DE  
 [72] THOMETZEK, PETER, DE  
 [72] GRAHL, MICHAEL, DE  
 [72] GUERTLER, CHRISTOPH, DE  
 [72] HALPAAP, REINHARD, DE  
 [72] LAAS, HANS-JOSEF, DE  
 [71] BAYER MATERIALSCIENCE AG, DE  
 [22] 2004-06-21  
 [41] 2004-12-26  
 [30] DE (10328663.2) 2003-06-26

[21] **2,471,866**  
 [13] A1

[51] Int.Cl. 7F16L 9/17 7B21C 37/06  
 [25] EN  
 [54] TUBING SYSTEM AND METHOD OF ASSEMBLY  
 [54] STRUCTURE TUBULAIRE ET MÉTHODE D'ASSEMBLAGE  
 [72] VAN DE LAAR, RONALD, CA  
 [72] KLEINSASSER, MELVIN, CA  
 [71] CONCORD COLONY FARMS LTD., CA  
 [71] INSTALL THE BEST CANADA, CA  
 [22] 2004-06-22  
 [41] 2004-12-26  
 [30] US (60/482,441) 2003-06-26

[21] **2,471,980**  
 [13] A1

[51] Int.Cl. 7B60R 13/10 7G09F 7/18  
 [25] EN  
 [54] UNIVERSAL LICENSE PLATE HOLDER  
 [54] PORTE-PLAQUE D'IMMATRICULATION UNIVERSEL  
 [72] LAVIGNE, BERNIE, CA  
 [72] CHAPUT, LEO, CA  
 [71] C.G.L. LASERS INC., CA  
 [22] 2004-06-23  
 [41] 2004-12-30  
 [30] CA (2,433,971) 2003-06-30

[21] **2,471,992**  
 [13] A1

[51] Int.Cl. 7A47L 9/16 7A47L 9/00  
 [25] EN  
 [54] UPRIGHT TYPE VACUUM CLEANER  
 [54] ASPIRATEUR VERTICAL  
 [72] JEON, HYUNG-IL, KR  
 [72] PARK, JUNG-SEON, KR  
 [71] SAMSUNG KWANGJU ELECTRONICS CO., LTD., KR  
 [22] 2004-06-22  
 [41] 2004-12-26  
 [30] KR (2003-42065) 2003-06-26

[21] **2,472,113**  
 [13] A1

[51] Int.Cl. 7C09D 11/02 7C09D 11/00  
 [25] EN  
 [54] PHASE CHANGE INKS CONTAINING COLORANT COMPOUNDS  
 [54] ENCRES A CHANGEMENT DE PHASE CONTENANT DES COLORANTS  
 [72] DUFF, JAMES M., CA  
 [72] BANNING, JEFFERY H., US  
 [72] WU, BO, US  
 [72] WEDLER, WOLFGANG G., US  
 [72] TITTERINGTON, DONALD R., US  
 [71] XEROX CORPORATION, US  
 [22] 2004-06-22  
 [41] 2004-12-26  
 [30] US (10/606,705) 2003-06-26

**Canadian Applications Open to Public Inspection**  
**December 26, 2004 to January 1, 2005**

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[21] **2,472,115**  
 [13] A1

[51] Int.Cl. 7C07D 493/10 7C07D 311/80  
 [25] EN  
 [54] COLORANT COMPOUNDS  
 [54] COLORANTS  
 [72] WEDLER, WOLFGANG G., US  
 [72] DUFF, JAMES M., CA  
 [72] BANNING, JEFFERY H., US  
 [72] WU, BO, US  
 [72] TITTERINGTON, DONALD R., US  
 [71] XEROX CORPORATION, US  
 [22] 2004-06-22  
 [41] 2004-12-26  
 [30] US (10/607,382) 2003-06-26

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[21] **2,472,138**  
 [13] A1

[51] Int.Cl. 7H01M 8/24  
 [25] EN  
 [54] FUEL CELL STACK  
 [54] ASSEMBLAGE DE PILES A  
 COMBUSTIBLE  
 [72] INAI, SHIGERU, JP  
 [72] JINBA, RYO, JP  
 [72] SATO, MASAHIKO, JP  
 [72] HIDAKA, YOHEI, JP  
 [72] HAYASHI, KATSUMI, JP  
 [72] KATO, HIDEO, JP  
 [71] HONDA MOTOR CO., LTD., JP  
 [22] 2004-06-23  
 [41] 2004-12-26  
 [30] JP (2003-182837) 2003-06-26

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[21] **2,472,150**  
 [13] A1

[51] Int.Cl. 7A61N 5/10  
 [25] EN  
 [54] CRYOGENIC X-RAY SOURCE  
 DEVICE  
 [54] DISPOSITIF A RAYONS X  
 CRYOGENIQUE  
 [72] KINDLEIN, JOHANN, DE  
 [71] NUCLETRON B.V., NL  
 [22] 2004-06-23  
 [41] 2004-12-30  
 [30] EP (03077134.9) 2003-06-30

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[21] **2,472,217**  
 [13] A1

[51] Int.Cl. 7F16F 15/00  
 [25] EN  
 [54] AN ACTIVE DYNAMIC BEATER  
 [54] BARRE DE BATTAGE  
 DYNAMIQUE ACTIVE  
 [72] NOE, MATHIEU, FR  
 [71] HUTCHINSON, FR  
 [22] 2004-06-25  
 [41] 2004-12-26  
 [30] FR (0307721) 2003-06-26

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[21] **2,472,301**  
 [13] A1

[51] Int.Cl. 7F16B 39/28 7F01D 5/02  
 [25] FR  
 [54] DISPOSITIF DE FIXATION PAR  
 VIS ET ECROUS  
 [54] PIN AND NUT ATTACHMENT  
 DEVICE  
 [72] DAO, DANIEL, FR  
 [72] LANDRAGIN, ERIC, FR  
 [72] GARCIN, FRANCOIS, FR  
 [71] SNECMA MOTEURS, FR  
 [22] 2004-06-22  
 [41] 2004-12-26  
 [30] FR (0307708) 2003-06-26

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[21] **2,472,312**  
 [13] A1

[51] Int.Cl. 7F02C 7/20 7B64C 1/16 7F01D  
 25/28  
 [25] FR  
 [54] SUSPENSION ARRIERE DE  
 MOTEUR D'AVION AVEC BIELLES DE  
 REPRISE DE POUSSÉE ET PALONNIER  
 EN FORME DE BOOMERANG  
 [54] REAR SUSPENSION OF AIRCRAFT  
 ENGINE WITH THRUST TAKE-UP  
 CONNECTING ROD AND RUDDER BAR  
 IN BOOMERANG FORM  
 [72] LOEWENSTEIN, PHILIPPE, FR  
 [72] TESNIERE, MARC, FR  
 [72] DARCY, FREDERIC, FR  
 [71] SNECMA MOTEURS, FR  
 [22] 2004-06-23  
 [41] 2004-12-30  
 [30] FR (03 07893) 2003-06-30

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[21] **2,472,313**  
 [13] A1

[51] Int.Cl. 7E21B 7/02 7E21B 3/00  
 [25] FR  
 [54] VEHICULE PORTEUR POUR  
 MACHINE DE FORATION OU DE  
 BOULONNAGE  
 [54] CARRIER VEHICLE FOR  
 DRILLING OR ROCKBOLTING  
 MACHINE  
 [72] COMORGE, ALAIN, FR  
 [72] BARTHOMEUF, JEAN-CLAUDE, FR  
 [72] LEON, FRANCK, FR  
 [72] MIRALLES, ALEXANDRE, FR  
 [71] SANDVIK TAMROCK SECAMA SA,  
 FR  
 [22] 2004-06-23  
 [41] 2004-12-26  
 [30] FR (03.07722) 2003-06-26

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[21] **2,472,317**  
 [13] A1

[51] Int.Cl. 7F01D 5/30 7F01D 5/14  
 [25] FR  
 [54] AUBE DE COMPRESSEUR DE  
 TURBOREACTEUR  
 [54] TURBOJET COMPRESSOR  
 AIRFOIL  
 [72] NAUDET, JACKY, FR  
 [71] SNECMA MOTEURS, FR  
 [22] 2004-06-23  
 [41] 2004-12-27  
 [30] FR (03 07809) 2003-06-27

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[21] **2,472,321**  
 [13] A1

[51] Int.Cl. 7A61K 7/13 7A45D 19/06  
 [25] FR  
 [54] COMPOSITION TINCTORIALE  
 COMPRENANT AU MOINS UNE BASE  
 D'OXYDATION, LE 2-CHLORO-6-  
 METHYL 3-AMINO PHENOL ET LE 3-  
 METHYL 1-PHENYL 5-PYRAZOLONE  
 [54] DYEING COMPOUND  
 CONTAINING AT LEAST ONE  
 OXIDATION BASE 2-CHLORO-6-  
 METHYL-3-AMINOPHENOL AND 3-  
 METHYL-1-PHENYL-5-PYRAZOLONE  
 [72] BONE, ERIC, FR  
 [72] AUDOUSET, MARIE-PASCALE, FR  
 [71] L'OREAL, FR  
 [22] 2004-06-25  
 [41] 2005-01-01  
 [30] FR (0307957) 2003-07-01

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] **2,472,323**  
[13] A1

[51] Int.Cl. 7F02C 7/32 7F16L 3/127  
7F16L 3/22 7F01D 25/24  
[25] FR  
[54] DISPOSITIF DE MISE EN PLACE  
ET DE MAINTIEN DES HARNAIS  
ELECTRIQUES SUR UN  
TURBOREACTEUR  
[54] DEVICE TO INSTALL AND  
MAINTAIN ELECTRICAL HARNESSES  
ON A TURBOJET  
[72] NAUDET, JACKY, FR  
[72] RIVORY, AUDREY, FR  
[72] GAIGNON, GAEL, FR  
[71] SNECMA MOTEURS, FR  
[22] 2004-06-28  
[41] 2004-12-27  
[30] FR (03 07808) 2003-06-27

[21] **2,472,324**  
[13] A1

[51] Int.Cl. 7F01D 5/18 7B23P 15/04  
7F01D 5/30  
[25] FR  
[54] AUBES REFROIDIES DE MOTEUR  
A TURBINE A GAZ  
[54] COOLED BLADE OF A GAS  
TURBINE STARTER  
[72] GUIMBARD, JEAN-MICHEL, FR  
[72] SOUPIZON, JEAN-LUC, FR  
[72] PABION, PHILIPPE, FR  
[71] SNECMA MOTEURS, FR  
[22] 2004-06-28  
[41] 2004-12-30  
[30] FR (03 07894) 2003-06-30

[21] **2,472,389**  
[13] A1

[51] Int.Cl. 7B65B 69/00  
[25] EN  
[54] SEPARATION DEVICE  
[54] SEPARATEUR  
[72] DE BAAT, MARIUS CORNELIS, NL  
[71] LOGITEC PLUS B.V., NL  
[22] 2004-06-25  
[41] 2004-12-26  
[30] NL (1023756) 2003-06-26

[21] **2,472,403**  
[13] A1

[51] Int.Cl. 7G08C 13/00 7G06F 3/00  
[25] EN  
[54] SELF POWERED SERIAL-TO-  
SERIAL OR USB-TO-SERIAL CABLE  
WITH LOOPBACK AND ISOLATION  
[54] CABLE D'AUTO-ALIMENTATION  
SERIE-SERIE OU USB-SERIE AVEC  
REBOUCLAGE ET ISOLATION  
[72] ARNDT, DAVE, US  
[72] GISLER, SCOTT, US  
[71] BECTON, DICKINSON AND  
COMPANY, US  
[22] 2004-06-23  
[41] 2004-12-30  
[30] US (60/483,230) 2003-06-30  
[30] US (60/483,247) 2003-06-30

[21] **2,472,409**  
[13] A1

[51] Int.Cl. 7B64D 31/00 7B64D 41/00  
[25] EN  
[54] AIRCRAFT SECONDARY  
ELECTRIC LOAD CONTROLLING  
SYSTEM  
[54] REGULATEUR DE LA CHARGE  
ELECTRIQUE SECONDAIRE D'UN  
AERONEF  
[72] NOZARI, FARHAD, US  
[72] CURRIER, THOMAS F., US  
[72] BOWMAN, MICHAEL D., US  
[71] THE BOEING COMPANY, US  
[22] 2004-06-25  
[41] 2004-12-30  
[30] US (10/604,189) 2003-06-30

[21] **2,472,415**  
[13] A1

[51] Int.Cl. 7A61F 13/40 7A61F 13/38  
[25] EN  
[54] HEMOSTATIC CLEANSING SWAB  
[54] TAMpon de nettoyage  
HEMOSTATIQUE  
[72] BEAUDRY, SCOTT ALEXANDER,  
US  
[71] JOHNSON & JOHNSON CONSUMER  
COMPANIES INC., US  
[22] 2004-06-25  
[41] 2004-12-27  
[30] US (10/608,506) 2003-06-27

[21] **2,472,432**  
[13] A1

[51] Int.Cl. 7A61K 47/38 7A61K 31/192  
7A61K 9/20 7A61K 9/36  
[25] EN  
[54] SOFT TABLET CONTAINING  
HIGH MOLECULAR WEIGHT  
CELLULOSE  
[54] COMPRIME MOU CONTENANT  
DES MATIERES CELLULOSES A  
POIDS MOLECULAIRE ELEVE  
[72] WYNN, DAVID, US  
[72] PARikh, NICK, US  
[71] MCNEIL-PPC, INC., US  
[22] 2004-06-25  
[41] 2004-12-27  
[30] US (10/607,766) 2003-06-27  
[30] US (10/608,681) 2003-06-27

**Canadian Applications Open to Public Inspection**  
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[21] 2,472,440  
 [13] A1

[51] Int.Cl. 7F41G 7/26  
 [25] EN  
 [54] PORTABLE SURFACE-TO-AIR  
 MISSILE SYSTEM  
 [54] SYSTEME TRANSPORTABLE A  
 MISSILES SOL-AIR  
 [72] MOLODYK, ANATOLY  
 VLADIMIROVICH, UA  
 [72] KUZMIN, LEV VASYLYEVICH, UA  
 [72] SHUMOV, SERGEY  
 ALEXANDROVICH, UA  
 [72] ZABOLOTNYY, IVAN IVANOVICH,  
 UA  
 [72] BUZANOV, VIKTOR IVANOVICH,  
 UA  
 [71] SHUMOV, SERGEY  
 ALEXANDROVICH, UA  
 [22] 2004-06-25  
 [41] 2005-01-01  
 [30] UA (2003076129) 2003-07-01

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[21] 2,472,453  
 [13] A1

[51] Int.Cl. 7A47L 9/00  
 [25] EN  
 [54] VACUUM CLEANER  
 [54] ASPIRATEUR  
 [72] COBURN, ERIC, US  
 [71] BLACK & DECKER INC., US  
 [22] 2004-06-25  
 [41] 2004-12-28  
 [30] GB (0315181.8) 2003-06-28

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[21] 2,472,460  
 [13] A1

[51] Int.Cl. 7G07B 17/00 7H04L 9/32  
 [25] EN  
 [54] METHOD AND SYSTEM FOR  
 DETECTION OF TAMPERING AND  
 VERIFYING AUTHENTICITY OF  
 'DATA CAPTURE' DATA FROM A  
 VALUE DISPENSING SYSTEM  
 [54] SYSTEME ET METHODE POUR  
 PREVENIR LA MANIPULATION DES  
 DONNEES SAISIES DANS UN SYSTEME  
 D'ATTRIBUTION DE VALEUR ET  
 POUR EN VERIFIER  
 L'AUTHENTICITE  
 [72] ATHENS, G. THOMAS, US  
 [72] PARKOS, MARIA P., US  
 [71] PITNEY BOWES INC., US  
 [22] 2004-06-25  
 [41] 2004-12-26  
 [30] US (10/606,507) 2003-06-26

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[21] 2,472,492  
 [13] A1

[51] Int.Cl. 7B01J 19/08 7G01N 27/62  
 [25] EN  
 [54] METHOD OF SEPARATING IONS  
 [54] METHODE DE SEPARATION DES  
 IONS  
 [72] THEKKADATH, GOVINDANUNNY,  
 CA  
 [72] GUEVREMONT, ROGER, CA  
 [71] IONALYTICS CORPORATION, CA  
 [22] 2004-06-25  
 [41] 2004-12-27  
 [30] US (60/482,712) 2003-06-27

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[21] 2,472,503  
 [13] A1

[51] Int.Cl. 7G03D 13/02 7B65D 77/04  
 7B65D 71/06  
 [25] EN  
 [54] PHOTOGRAPHIC PROCESSING  
 AGENT CARTRIDGE AND  
 CONTAINER USABLE THEREIN  
 [54] CARTOUCHE D'AGENT SERVANT  
 AU DEVELOPPEMENT  
 PHOTOGRAPHIQUE ET CONTENANT  
 UTILISABLE A CET EGARD  
 [72] HORI, SATOSHI, JP  
 [72] KENMOTSU, TORU, JP  
 [72] IDE, HIROKI, JP  
 [72] ANDOH, KIKUO, JP  
 [71] FUJI PHOTO FILM CO., LTD., JP  
 [22] 2004-06-25  
 [41] 2004-12-27  
 [30] JP (2003-184539) 2003-06-27  
 [30] JP (2003-184540) 2003-06-27

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[21] 2,472,504  
 [13] A1

[51] Int.Cl. 7B63H 25/00  
 [25] EN  
 [54] MARINE STEERING ASSEMBLY  
 [54] ENSEMBLE DE MANOEUVRE DE  
 BATEAU  
 [72] JOHNS, IAN, GB  
 [71] LEWMAR LIMITED, GB  
 [22] 2004-06-25  
 [41] 2004-12-26  
 [30] GB (0314898.8) 2003-06-26

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[21] 2,472,506  
 [13] A1

[51] Int.Cl. 7C08F 293/00 7C10M 101/00  
 7C08G 81/02 7C10M 143/12  
 [25] EN  
 [54] VISCOSITY INDEX IMPROVERS  
 FOR LUBRICATING OIL  
 COMPOSITIONS  
 [54] AMELIORANTS D'INDICE DE  
 VISCOSETE POUR DES  
 COMPOSITIONS D'HUILE  
 LUBRIFIANTE  
 [72] BRIGGS, STUART, US  
 [72] CHU, CHIN, US  
 [71] INFINEUM INTERNATIONAL  
 LIMITED, GB  
 [22] 2004-06-25  
 [41] 2005-01-01  
 [30] US (10/611,231) 2003-07-01

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[21] 2,472,510  
 [13] A1

[51] Int.Cl. 7B63H 25/02 7B62D 1/04  
 [25] EN  
 [54] STEERAGE WHEEL FOR VESSEL  
 [54] BARRE DE MANOEUVRE DE  
 BATEAU  
 [72] JOHNS, IAN, GB  
 [71] LEWMAR LIMITED, GB  
 [22] 2004-06-25  
 [41] 2004-12-26  
 [30] GB (0314897.0) 2003-06-26

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[21] 2,472,515  
 [13] A1

[51] Int.Cl. 7B25B 5/14 7B25B 5/00 7B25B  
 11/00  
 [25] EN  
 [54] HAND TRIM TOOL  
 [54] OUTIL MANUEL DE DECOUPAGE  
 D'ENCADREMENTS  
 [72] WOODBURY, MACK, US  
 [71] WOODBURY, MACK, US  
 [22] 2004-06-25  
 [41] 2004-12-27  
 [30] US (10/606,397) 2003-06-27

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[21] 2,472,517  
 [13] A1

[51] Int.Cl. 7F16L 21/035 7F16L 25/00  
 [25] EN  
 [54] PIPE ASSEMBLY  
 [54] ASSEMBLAGE DE TUYAUTERIE  
 [72] HEGLER, RALPH PETER, DE  
 [71] HEGLER, RALPH PETER, DE  
 [22] 2004-06-25  
 [41] 2004-12-26  
 [30] DE (103 28 626.8) 2003-06-26

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**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] **2,472,520**  
[13] A1

[51] Int.Cl. 7A47K 13/06  
[25] EN  
[54] CHILD'S DISPOSABLE TOILET SEAT ADAPTOR WITH SIDE HANDLES AND FOLD-UNDER FLAP  
[54] ADAPTATEUR DE SIEGE DE TOILETTES JETABLE POUR ENFANTS AVEC ACCOUDOIRS ET ABATTANT TELESCOPIQUE  
[72] BERNSTADT, MARK, US  
[71] BERNSTADT, MARK, US  
[22] 2004-06-25  
[41] 2004-12-26  
[30] US (10/608,720) 2003-06-26

[21] **2,472,532**  
[13] A1

[51] Int.Cl. 7B66B 1/24  
[25] EN  
[54] METHOD FOR CONTROLLING AN ELEVATOR INSTALLATION OPERATED WITH ZONING AND AN ELEVATOR INSTALLATION  
[54] METHODE DE COMMANDE D'UNE INSTALLATION D'ASCENSEURS A DECOUPAGE EN ZONES, ET INSTALLATION D'ASCENSEURS  
[72] KOSTKA, MIROSLAV, CH  
[72] WYSS, PHILIPP, CH  
[71] INVENTIO AG, CH  
[22] 2004-06-25  
[41] 2004-12-27  
[30] EP (03405473.4) 2003-06-27

[21] **2,472,534**  
[13] A1

[51] Int.Cl. 7D03D 15/12 7A62B 17/00  
7D03D 15/02  
[25] EN  
[54] FLAME-RESISTANT, HIGH VISIBILITY, ANTI-STATIC FABRIC AND APPAREL FORMED THEREFROM  
[54] TISSU ANTISTATIQUE IGNIFUGE A HAUTE VISIBILITE, ET VETEMENTS FAITS DANS CE TISSU  
[72] GIBSON, RICHARD M., US  
[72] JOHNSON, ALBERT E., US  
[72] WALLACE, KENNETH P., US  
[72] CAMPBELL, WILLIS D., US  
[71] GLEN RAVEN, INC., US  
[22] 2004-06-25  
[41] 2004-12-26  
[30] US (10/607,092) 2003-06-26

[21] **2,472,537**  
[13] A1

[51] Int.Cl. 7E21B 19/14 7B25B 13/50  
[25] EN  
[54] BLASTHOLE DRILL WITH AUTOMATIC BREAKOUT WRENCH WITH FLOATING GRIPPING Dies  
[54] TREPAN DE TROU DE MINE AVEC CLE E DEVISSAGE AUTOMATIQUE A FILIERES DE REPECHAGE FLOTTANTES  
[72] BOYD, JAMES W., US  
[72] NELSON, JACK W., US  
[71] HARNISCHFEGER TECHNOLOGIES, INC., US  
[22] 2004-06-25  
[41] 2005-01-01  
[30] US (10/610,724) 2003-07-01

[21] **2,472,545**  
[13] A1

[51] Int.Cl. 7E21F 1/10  
[25] EN  
[54] MINE DOOR SYSTEM INCLUDING AN AIR PRESSURE RELIEF DOOR  
[54] SYSTEME DE PORTE POUR MINE COMPORTANT UNE PORTE DE DECOMPRESSION  
[72] KENNEDY, WILLIAM R., US  
[72] KENNEDY, JOHN M., US  
[71] JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC., US  
[22] 2004-06-25  
[41] 2004-12-27  
[30] US (10/608,901) 2003-06-27

[21] **2,472,547**  
[13] A1

[51] Int.Cl. 7E21B 17/10  
[25] EN  
[54] CENTRALISER  
[54] DISPOSITIF DE CENTRAGE  
[72] TRINDER, DUNCAN JAMES, GB  
[72] MACKAY, ALEXANDER CRAIG, GB  
[72] SIMPSON, NEIL ANDREW  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-06-25  
[41] 2004-12-28  
[30] GB (0315144.6) 2003-06-28

[21] **2,472,557**  
[13] A1

[51] Int.Cl. 7H01M 4/96 7H01M 8/10  
[25] EN  
[54] ELECTRODE CATALYST FOR USE IN FUEL CELLS, AND FUEL CELL AND ELECTRODE UTILIZING SAME  
[54] CATALYSEUR D'ELECTRODE POUR PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE ET ELECTRODE UTILISANT CE CATALYSEUR  
[72] OYA, ASAO, JP  
[72] OZAKI, JUNICHI, JP  
[72] HAMADA, AKIRA, JP  
[72] IKOMA, YOSHIHIRO, JP  
[71] OYA, ASAO, JP  
[71] OZAKI, JUNICHI, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[22] 2004-06-25  
[41] 2004-12-27  
[30] JP (2003-185737) 2003-06-27

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[21] **2,472,562**  
[13] A1

[51] Int.Cl. 7C23F 13/00 7C23F 13/02  
7C09D 5/08 7C23F 11/18  
[25] EN  
[54] NON-CARCINOGENIC CORROSION INHIBITIVE ADDITIVE  
[54] ADDITIF INHIBITEUR DE CORROSION NON-CANCEROGENE  
[72] CHANG, XIAOYUAN, US  
[72] KRYZMAN, MIKE A., US  
[72] BESING, AMY, US  
[72] ZHANG, WEILONG, US  
[72] YU, JIAOMEI, US  
[72] BHATIA, PROMILA, US  
[72] LAMM, FOSTER, US  
[72] TANG, XIA, US  
[72] GAROSSHEN, THOMAS, US  
[72] JAWOROWSKI, MARK, US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 2004-06-25  
[41] 2004-12-30  
[30] US (10/611,047) 2003-06-30

[21] **2,472,624**  
[13] A1

[51] Int.Cl. 7C08G 63/00 7C08F 222/10  
7C08F 222/12 7C10L 1/16 7C10L 1/18  
7C10M 129/68  
[25] EN  
[54] ESTERIFIED COPOLYMERS OF POLYALKENES/UNSATURATED ACIDIC REAGENTS USEFUL AS LUBRICANT AND FUEL ADDITIVES  
[54] COPOLYMERES ESTERIFIES DE POLYALCENES ET D'AGENTS ACIDES INSATURES UTILES COMME LUBRIFIANT OU ADDITIF POUR CARBURANT  
[72] NELSON, KENNETH D., US  
[71] CHEVRON ORONITE COMPANY LLC, US  
[22] 2004-06-28  
[41] 2004-12-27  
[30] US (10/608,512) 2003-06-27

[21] **2,472,627**  
[13] A1

[51] Int.Cl. 7C08G 63/00 7C08F 222/10  
7C08F 222/12 7C10L 1/16 7C10L 1/18  
7C10M 129/68  
[25] EN  
[54] ESTERIFIED COPOLYMERS OF POLYALKENES/UNSATURATED ACIDIC REAGENTS USEFUL AS LUBRICANT AND FUEL ADDITIVES  
[54] COPOLYMERES ESTERIFIES DE POLYALCENES ET D'AGENTS ACIDES INSATURES UTILES COMME LUBRIFIANT OU ADDITIF POUR CARBURANT  
[72] NELSON, KENNETH D., US  
[71] CHEVRON ORONITE COMPANY LLC, US  
[22] 2004-06-28  
[41] 2004-12-27  
[30] US (10/608,512) 2003-06-27

[21] **2,472,655**  
[13] A1

[51] Int.Cl. 7A61B 17/12 7A61F 5/00  
[25] EN  
[54] IMPLANTABLE BAND WITH NON-MECHANICAL ATTACHMENT  
MECHANISM  
[54] BANDE IMPLANTABLE AVEC MECANISME DE FIXATION NON MECANIQUE  
[72] BYRUM, RANDAL T., US  
[72] NUCHOLS, RICHARD P., US  
[71] ETHICON ENDO-SURGERY, INC., US  
[22] 2004-06-28  
[41] 2004-12-27  
[30] US (60/483,353) 2003-06-27  
[30] US (10/676,368) 2003-09-30

[21] **2,472,656**  
[13] A1

[51] Int.Cl. 7A61B 17/56 7A61B 17/04  
[25] EN  
[54] BIOABSORBABLE SUTURE ANCHOR SYSTEM FOR USE IN SMALL JOINTS  
[54] SYSTEME DE SUTURE A BIO-RESORPTION POUR PETITES ARTICULATIONS  
[72] SHEPARD, THOMAS A., US  
[72] LIZARDI, JOSE E., US  
[72] REESE, KARL S., US  
[72] COOK, SHELBY L., US  
[71] DEPUY MITEK, INC., US  
[22] 2004-06-28  
[41] 2004-12-27  
[30] US (10/615,625) 2003-06-27

[21] **2,472,629**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SELLING REAM WRAP FOR PRIVATE LABELS  
[54] VENTE DE MACULES POUR EMBALLAGE DE RAMES DE MARQUE PARTICULIERE  
[72] NOWAK, MICHAEL R., US  
[71] COATING EXCELLENCE INTERNATIONAL, US  
[22] 2004-06-28  
[41] 2004-12-26  
[30] US (60/482,619) 2003-06-26

[21] **2,472,657**  
[13] A1

[51] Int.Cl. 7A61B 17/88  
[25] EN  
[54] SURGICAL ANCHOR INSERTER  
[54] DISPOSITIF D'INSERTION D'ANCRES CHIRURGICALES  
[72] OVERAKER, DAVID W., US  
[71] ETHICON, INC., US  
[22] 2004-06-28  
[41] 2004-12-28  
[30] US (10/609,336) 2003-06-28

[21] **2,472,630**  
[13] A1

[51] Int.Cl. 7C08F 2/38 7C08F 2/00  
[25] EN  
[54] RATE MATCHED COPOLYMERIZATION  
[54] COPOLYMERISATION A VITESSE ADAPTEE  
[72] AUSTIN, ANNE-MARIE B., US  
[72] JACOBSON, SOLOMON, US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 2004-06-28  
[41] 2004-12-27  
[30] US (10/608,317) 2003-06-27

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] **2,472,658**  
 [13] A1

[51] Int.Cl. 7A61M 39/22 7A61M 27/00  
 [25] EN  
**SELF-ADJUSTING HYDROCEPHALUS VALVE**  
**VALVE A AJUSTEMENT AUTOMATIQUE POUR PERSONNES ATTEINTES D'HYDROCEPHALIE**  
 [72] ROSENBERG, MEIR, US  
 [71] CODMAN & SHURTLEFF, INC., US  
 [22] 2004-06-28  
 [41] 2004-12-26  
 [30] US (10/607,121) 2003-06-26

[21] **2,472,659**  
 [13] A1

[51] Int.Cl. 7A61F 2/02 7A61F 2/08  
 [25] EN  
**FLEXIBLE TIBIAL SHEATH**  
**GAINES TIBIALES SOUPLES**  
 [72] DONNELLY, LISA M., US  
 [72] CAULDWELL, NATHAN S., US  
 [71] DEPUY MITEK, INC., US  
 [22] 2004-06-28  
 [41] 2004-12-27  
 [30] US (10/608,899) 2003-06-27

[21] **2,472,661**  
 [13] A1

[51] Int.Cl. 7A61M 21/00 7A61B 5/00  
 [25] EN  
**CONTROL APPARATUS AND CONTROL METHOD**  
**APPAREIL DE COMMANDE ET METHODE DE COMMANDE**  
 [72] INOUE, MAKOTO, JP  
 [72] SHIRAI, KATSUYA, JP  
 [72] TAKAI, MOTOYUKI, JP  
 [72] MAKINO, KENICHI, JP  
 [72] MIYAJIMA, YASUSHI, JP  
 [72] SAKO, YOICHIRO, JP  
 [72] INOUE, AKIKO, JP  
 [72] TERAUCHI, TOSHIRO, JP  
 [71] SONY CORPORATION, JP  
 [22] 2004-06-28  
 [41] 2004-12-30  
 [30] JP (2003-188420) 2003-06-30

[21] **2,472,665**  
 [13] A1

[51] Int.Cl. 7H01M 10/36  
 [25] EN  
**NON-AQUEOUS ELECTROLYTE BATTERY**  
**BATTERIE A ELETROLYTE NON AQUEUX**  
 [72] KOGA, KEIZO, JP  
 [72] OMARU, ATSUO, JP  
 [71] SONY CORPORATION, JP  
 [22] 2004-06-28  
 [41] 2005-01-01  
 [30] JP (2003-189702) 2003-07-01

[21] **2,472,670**  
 [13] A1

[51] Int.Cl. 7A61L 15/62 7A61F 13/15  
**7A61L 15/16**  
 [25] EN  
**DISPOSABLE ABSORBENT ARTICLE**  
**ARTICLE ABSORBANT JETABLE**  
 [72] DAVE, VIPUL BHUPENDRA, US  
 [72] HAYWOOD, DEXTER L., US  
 [72] JOSEPH, ANNEMARIE DEVINE, US  
 [71] MCNEIL-PPC, INC., US  
 [22] 2004-06-29  
 [41] 2004-12-30  
 [30] US (10/609,740) 2003-06-30

[21] **2,472,672**  
 [13] A1

[51] Int.Cl. 7G06F 3/06 7G01D 9/00  
**7G08G 5/04**  
 [25] EN  
**METHOD AND SYSTEM FOR RECORDING SYSTEM INFORMATION**  
**METHODE ET SYSTEME D'ENREGISTREMENT**  
**D'INFORMATION SUR UN SYSTEME**  
 [72] ROWLAN, STACEY, US  
 [71] AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS LLC, US  
 [22] 2004-06-29  
 [41] 2005-01-01  
 [30] US (10/612,367) 2003-07-01

[21] **2,472,681**  
 [13] A1

[51] Int.Cl. 7C09K 7/06 7E21B 21/14  
 [25] EN  
**ADDITIVE FOR OIL-BASED DRILLING FLUIDS**  
**ADDITIF POUR FLUIDES DE FORAGE A BASE D'HUILE**  
 [72] KIRSNER, JEFF, US  
 [72] MILLER, JEFF, US  
 [72] BRACKEN, JON, US  
 [71] HALLIBURTON ENERGY SERVICES, INC., US  
 [22] 2004-06-29  
 [41] 2005-01-01  
 [30] US (10/611,009) 2003-07-01

[21] **2,472,668**  
 [13] A1

[51] Int.Cl. 7A61B 5/00 7G08C 19/00  
 [25] EN  
**COMMUNICATION APPARATUS AND COMMUNICATION METHOD**  
**APPAREIL DE COMMUNICATION ET METHODE DE COMMUNICATION**  
 [72] TAKAI, MOTOYUKI, JP  
 [72] TERAUCHI, TOSHIRO, JP  
 [72] SAKO, YOICHIRO, JP  
 [72] INOUE, AKIKO, JP  
 [72] SHIRAI, KATSUYA, JP  
 [72] MIYAJIMA, YASUSHI, JP  
 [72] MAKINO, KENICHI, JP  
 [72] INOUE, MAKOTO, JP  
 [71] SONY CORPORATION, JP  
 [22] 2004-06-28  
 [41] 2004-12-30  
 [30] JP (2003-188421) 2003-06-30

**Canadian Applications Open to Public Inspection**  
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[21] **2,472,687**  
[13] A1

[51] Int.Cl. 7H03H 11/28  
[25] EN  
[54] IMPEDANCE ADJUSTMENT CIRCUIT, IMPEDANCE ADJUSTMENT METHOD, AND SEMICONDUCTOR DEVICE  
[54] CIRCUIT DE REGLAGE D'IMPEDANCE, METHODE DE REGLAGE D'IMPEDANCE ET DISPOSITIF A SEMI-CONDUCTEURS  
[72] OGURI, TAKASHI, JP  
[71] NEC CORPORATION, JP  
[22] 2004-06-29  
[41] 2004-12-30  
[30] JP (2003-188721) 2003-06-30

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[21] **2,472,691**  
[13] A1

[51] Int.Cl. 7H04L 12/26 7H04L 12/20  
7H04L 12/24  
[25] EN  
[54] DIGITAL PROCESSING OF SONET POINTERS  
[54] TRAITEMENT NUMERIQUE DES POINTEURS SONET  
[72] HARLEY, JAMES, CA  
[72] ROBERTS, KIM B., CA  
[72] NEUSY, PHILIPPE, CA  
[72] MAYER, MICHAEL, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2004-06-29  
[41] 2005-01-01  
[30] US (10/609,562) 2003-07-01

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[21] **2,472,700**  
[13] A1

[51] Int.Cl. 7A61B 17/12  
[25] EN  
[54] IMPLANTABLE BAND WITH ATTACHMENT MECHANISM HAVING DISSIMILAR MATERIAL PROPERTIES  
[54] BANDE IMPLANTABLE AVEC MECANISME DE FIXATION AYANT DES PROPRIETES DE MATERIAUX DIFFERENTES  
[72] TSONTON, MARK, US  
[72] FENDER, BILL, US  
[72] DUNKI-JACOBS, ADAM, US  
[72] ORTIZ, MARK, US  
[72] CONLON, SEAN P., US  
[72] BYRUM, RANDAL T., US  
[72] WILEY, JEFFREY P., US  
[71] ETHICON ENDO-SURGERY, INC., US

[22] 2004-06-28  
[41] 2004-12-27  
[30] US (60/483,353) 2003-06-27  
[30] US (60/507,612) 2003-09-30  
[30] US (UNKNOWN) 2004-06-23

---

[21] **2,472,701**  
[13] A1

[51] Int.Cl. 7A61M 39/00 7A61M 27/00  
[25] EN  
[54] SYSTEM AND METHOD FOR CLEARING AN IMPLANTED CATHETER THAT IS CONNECTED TO A SHUNT  
[54] SYSTEME ET METHODE POUR DEGAGER UN CATHETER IMPLANTE QUI EST RELIE A UN DISPOSITIF DE DERIVATION  
[72] GUPTA, RAINUKA, US  
[72] TAYLOR, TERRI KELCOURSE, US  
[72] DEXTRADEUR, ALAN J., US  
[71] CODMAN & SHURTLEFF, INC., US  
[22] 2004-06-28  
[41] 2004-12-27  
[30] US (10/607,692) 2003-06-27

---

[21] **2,472,702**  
[13] A1

[51] Int.Cl. 7A61F 2/08  
[25] EN  
[54] SCAFFOLD FOR CONNECTIVE TISSUE REPAIR  
[54] ECHAFAUDAGE POUR LA REPARATION DE TISSUS CONJONCTIFS  
[72] HWANG, JULIA, US  
[72] MALAVIYA, PRASANNA, US  
[72] SCHWARTZ, HERB, US  
[72] HAMMER, JOSEPH, US  
[71] DEPUY MITEK, INC., US  
[22] 2004-06-28  
[41] 2004-12-30  
[30] US (10/610,362) 2003-06-30

---

[21] **2,472,710**  
[13] A1

[51] Int.Cl. 7G07F 17/32 7A63F 13/00  
7G07F 17/34  
[25] EN  
[54] GAMING MACHINE HAVING A PLAYER TIME-SELECTABLE BONUS AWARD SCHEME AND AN INTELLIGENT BUTTON  
[54] MACHINE DE JEU COMPRENANT UN PLAN PERMETTANT AU JOUEUR DE CHOISIR LE MOMENT OU IL UTILISERA LES PRIMES, ET BOUTON INTELLIGENT  
[72] CANTERBURY, STEPHEN A., US  
[72] BLEICH, CHARLES R., US  
[72] THOMAS, ALFRED, US  
[72] SKALON, JOHN W., US  
[71] WMS GAMING INC., US  
[22] 2004-06-29  
[41] 2004-12-30  
[30] US (10/611,626) 2003-06-30  
[30] US (10/726,929) 2003-12-03

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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[21] 2,472,730  
 [13] A1

[51] Int.Cl. 7E21B 10/08  
 [25] EN  
**CUTTING ELEMENT ARRANGEMENT FOR SINGLE ROLLER CONE BIT**  
**SYSTEME D'ELEMENT COUPANT POUR TREPAN A CONES SIMPLE**  
 [72] WITMAN, GEORGE, US  
 [72] BIRNE-BROWNE, RONALD, US  
 [72] BUTLAND, RICHARD, US  
 [72] WILSON, PETER, US  
 [72] LOISELLE, LOUIS, US  
 [72] BELNAP, DAN, US  
 [72] HERMAN, JOHN, US  
 [72] NESE, PER, US  
 [71] SMITH INTERNATIONAL, INC., US  
 [22] 2004-06-30  
 [41] 2005-01-01  
 [30] US (60/484,172) 2003-07-01  
 [30] US (10/871,605) 2004-06-18

---

[21] 2,472,745  
 [13] A1

[51] Int.Cl. 7A61K 7/155 7A61K 7/06  
 [25] EN  
**METHOD FOR REMOVING HAIR**  
**METHODE D'EPILATION**  
 [72] LU, JUE-CHEN, US  
 [72] HALAS, LYNN, US  
 [72] SKOVER, GREGORY, US  
 [71] JOHNSON & JOHNSON CONSUMER COMPANIES INC., US  
 [22] 2004-06-30  
 [41] 2005-01-01  
 [30] US (10/611,100) 2003-07-01

---

[21] 2,472,793  
 [13] A1

[51] Int.Cl. 7E21B 29/00  
 [25] EN  
**EXPANDABLE TUBULARS**  
**TUBAGES EXTENSIBLES**  
 [72] COON, ROBERT J., US  
 [72] HARRALL, SIMON J., US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-06-29  
 [41] 2004-12-30  
 [30] US (10/610,309) 2003-06-30  
 [30] US (10/848,558) 2004-05-17

---

[21] 2,472,802  
 [13] A1

[51] Int.Cl. 7F16M 11/22 7A45F 3/00  
**7F16M 11/38 7A47C 4/44**  
 [25] EN  
**COLLAPSIBLE TWO TIER SUPPORT**  
**SUPPORT REPLIABLE A DEUX TABLETTES**  
 [72] BOURKE, TIMOTHY, US  
 [72] BOURKE, DOROTHY, US  
 [71] BOURKE, TIMOTHY, US  
 [71] BOURKE, DOROTHY, US  
 [22] 2004-06-30  
 [41] 2004-12-30  
 [30] US (60/483,699) 2003-06-30

---

[21] 2,472,813  
 [13] A1

[51] Int.Cl. 7A62C 39/00 7D07B 1/06  
 [25] EN  
**HIGH TEMPERATURE SEARCH LINE**  
**CABLE DE VIE HAUTE TEMPERATURE**  
 [72] CONNOLLY, THOMAS J., JR., US  
 [71] INDUSTRIAL ENERGY PRODUCTS, INC., US  
 [22] 2004-06-30  
 [41] 2004-12-30  
 [30] US (60/484,263) 2003-06-30

---

[21] 2,472,816  
 [13] A1

[51] Int.Cl. 7A61G 5/10 7A61G 5/04  
 [25] EN  
**SUSPENSION SYSTEM FOR A POWERED WHEELCHAIR**  
**SYSTEME DE SUSPENSION POUR FAUTEUIL ROULANT MOTORISE**  
 [72] TURTURIELLO, GEORGE A., US  
 [72] ROZAIKSKI, MICHAEL J., US  
 [71] PRIDE MOBILITY PRODUCTS CORPORATION, US  
 [22] 2004-06-30  
 [41] 2004-12-30  
 [30] US (60/484,261) 2003-06-30  
 [30] US (60/509,488) 2003-10-08

---

[21] 2,472,825  
 [13] A1

[51] Int.Cl. 7E21B 47/12  
 [25] EN  
**DRILL STRING ROTATION ENCODING**  
**CODAGE DE ROTATION DE COLONNE DE FORAGE**  
 [72] JONES, STEPHEN, US  
 [72] BARON, EMILIO, US  
 [71] PATHFINDER ENERGY SERVICES, INC., US  
 [22] 2004-07-02  
 [41] 2005-01-01  
 [30] US (60/484,042) 2003-07-01  
 [30] US (10/882,789) 2004-07-01

---

[21] 2,472,846  
 [13] A1

[51] Int.Cl. 7C12Q 1/68 7A61P 35/00  
**7C12Q 1/02 7A61K 31/47 7G01N 33/574**  
 [25] EN  
**METHODS FOR ASSESSING AND TREATING LEUKEMIA**  
**METHODES D'EVALUATION ET DE TRAITEMENT DE LA LEUCEMIE**  
 [72] RAPONI, MITCH, US  
 [71] VERIDEX, LLC, US  
 [22] 2004-07-02  
 [41] 2005-01-01  
 [30] US (10/611,446) 2003-07-01

---

[21] 2,472,861  
 [13] A1

[51] Int.Cl. 7A61N 5/10  
 [25] EN  
**MINIATURE X-RAY SOURCE DEVICE**  
**DISPOSITIF A SOURCE DE RAYONS X MINIATURE**  
 [72] KINDLEIN, JOHANN, DE  
 [71] NUCLETRON B.V., NL  
 [22] 2004-06-29  
 [41] 2004-12-30  
 [30] EP (03077041.6) 2003-06-30

**Canadian Applications Open to Public Inspection**  
**December 26, 2004 to January 1, 2005**

---

[21] **2,472,863**  
[13] A1

[51] Int.Cl. 7A61F 13/511  
[25] EN  
[54] ABSORBENT ARTICLE  
 INCLUDING IN SITU COVER  
[54] ARTICLE ABSORBANT A  
 ENVELOPPE INCORPOREE  
[72] DISALVO, ANTHONY L., US  
[72] HULL, RAYMOND J., JR., US  
[72] HADDACK, TERESA H., US  
[72] DABI, SHMUEL, US  
[72] NGUYEN, HIEN VU, US  
[72] LUIZZI, JOSEPH M., US  
[72] YANG, CHING-YUN M., US  
[71] MCNEIL-PPC, INC., US  
[22] 2004-06-29  
[41] 2004-12-30  
[30] US (10/609,736) 2003-06-30

[21] **2,472,866**  
[13] A1

[51] Int.Cl. 7A61F 13/51 7B29C 59/02  
 7B32B 3/30  
[25] EN  
[54] EMBOSSED ABSORBENT  
 ARTICLE  
[54] ARTICLE ABSORBANT GAUFRE  
[72] SCHMIDT, BRIAN D., US  
[72] HULL, RAYMOND J., JR., US  
[71] MCNEIL-PPC, INC., US  
[22] 2004-06-29  
[41] 2004-12-30  
[30] US (10/609,739) 2003-06-30

[21] **2,472,867**  
[13] A1

[51] Int.Cl. 7B29C 59/04 7D06Q 1/08  
[25] EN  
[54] ENHANCED EMBOSsing  
 RELATED METHODS  
[54] METHODES DE GAUFRAGE  
 AMELIOREES  
[72] DISALVO, ANTHONY L., US  
[72] HULL, RAYMOND J., JR., US  
[72] SCHMIDT, BRIAN D., US  
[71] MCNEIL-PPC, INC., US  
[22] 2004-06-29  
[41] 2004-12-30  
[30] US (10/609,745) 2003-06-30

[21] **2,472,870**  
[13] A1

[51] Int.Cl. 7B65H 39/10 7B65H 29/20  
 7B65H 29/24 7B65H 29/70  
[25] EN  
[54] APPARATUS AND METHOD FOR  
 ACCUMULATING SHEETS  
[54] APPAREIL ET METHODE POUR  
 ACCUMULER LES FEUILLES  
[72] SUSSMEIER, JOHN W., US  
[72] FULLER, CHARLES C., US  
[72] MASOTTA JOHN, US  
[72] WRIGHT, WILLIAM J., US  
[72] AUERBACH, DAVID R., US  
[71] PITNEY BOWES INC., US  
[22] 2004-06-29  
[41] 2004-12-30  
[30] US (10/611,167) 2003-06-30

[21] **2,472,887**  
[13] A1

[51] Int.Cl. 7G06F 13/42 7G06F 17/30  
[25] EN  
[54] METHODS FOR ENSURING  
 REFERENTIAL INTEGRITY IN  
 MULTITHREADED REPLICATION  
 ENGINES  
[54] METHODES POUR ASSURER  
 L'INTEGRITE REFERENTIELLE DANS  
 LES MOTEURS DE DUPLICATION  
 MULTIPROCESSUS  
[72] HIGHLEYMAN, WILBUR H., US  
[72] HOLENSTEIN, BRUCE D., US  
[72] HOLENSTEIN, PAUL J., US  
[71] GRAVIC, INC., US  
[22] 2004-06-30  
[41] 2004-12-30  
[30] US (60/484,473) 2003-06-30

[21] **2,472,884**  
[13] A1

[51] Int.Cl. 7B23G 1/44  
[25] FR  
[54] CAPTEUR DE POSITION DE  
 TARAUD A DETECTION DEPORTEE  
[54] SCREW TAP POSITION SENSOR  
 WITH REMOTE DETECTION  
[72] PECASTAING, MATTHIEU, FR  
[71] PRONIC, FR  
[22] 2004-06-30  
[41] 2005-01-01  
[30] FR (03 08241) 2003-07-01

[21] **2,472,895**  
[13] A1

[51] Int.Cl. 7H04L 12/16 7H04L 9/00  
 7H04L 29/00  
[25] EN  
[54] ELECTRONIC FILE  
 CERTIFICATION METHOD AND  
 SYSTEM  
[54] METHODE ET SYSTEME DE  
 CERTIFICATION DE FICHIER  
 ELECTRONIQUE  
[72] DUBUC, DOMINIQUE, CA  
[71] ARCHIDATA INC., CA  
[22] 2004-06-30  
[41] 2004-12-30  
[30] CA (2,434,644) 2003-06-30

[21] **2,472,885**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SHAREHOLDER VALUE TOOL  
[54] OUTIL DE VALEUR  
 ACTIONNARIALE  
[72] BALLOW, JOHN J., US  
[72] ANSLINGER, PATRICIA, US  
[72] OSTERGARD, MICHAEL KIRK, US  
[71] ACCENTURE GLOBAL SERVICES  
 GMBH, CH  
[22] 2004-06-30  
[41] 2005-01-01  
[30] US (10/609,690) 2003-07-01

[21] **2,472,938**  
[13] A1

[51] Int.Cl. 7H04R 1/32  
[25] EN  
[54] MICROPHONE ARRAY WITH  
 PHYSICAL BEAMFORMING USING  
 OMNIDIRECTIONAL MICROPHONES  
[54] RESEAU DE MICROPHONES A MISE  
 EN FORME PHYSIQUE UTILISANT  
 DES MICROPHONES  
 OMNIDIRECTIONNELS  
[72] DEDIEU, STEPHANE, CA  
[72] MOQUIN, PHILIPPE, CA  
[71] MITEL NETWORKS CORPORATION,  
 CA  
[22] 2004-07-02  
[41] 2005-01-01  
[30] GB (0315426.7) 2003-07-01

**Demandes canadiennes mises à la disponibilité du public**  
**26 décembre 2004 au 1 janvier 2005**

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**[21] 2,478,163**

[13] A1

[51] Int.Cl. 7B65D 75/36 7A61J 1/03

**7B65D 83/04**

[25] EN

[54] **MICRONUTRIENT SUPPLEMENT**

**DISPENSING PACKAGE**

[54] **PAQUET DE SUPPLEMENTS DE**

**MICRONUTRIMENTS**

[72] GERVAIS, ERIC, CA

[72] ATANACKOVIC, GORDANA, CA

[71] DUCHESNAY INC., CA

[22] 2004-08-20

[41] 2005-01-01

[30] CA (2,438,160) 2003-08-21

[30] US (60/496,710) 2003-08-21

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**[21] 2,479,499**

[13] A1

[51] Int.Cl. 7E03F 3/04 7E03F 1/00 7E03F

**11/00 7F16L 41/00 7F16L 47/00**

[25] EN

[54] **FLOW SPLITTER TEE**

[54] **TE DIVISEUR DE DEBIT**

[72] BURROWS, KENNETH C., CA

[71] BURROWS, KENNETH C., CA

[22] 2003-06-26

[41] 2004-12-26

[62] 2,432,338

**Canadian Applications Open to Public Inspection**  
**December 26, 2004 to January 1, 2005**

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

<p>[21] <b>2,479,365</b> [13] A1</p> <p>[51] Int.Cl. 7A01H 5/00 7C12P 23/00 7C12N 15/52 7C12N 15/82 [25] EN [54] 4-KETOCAROTENOIDS IN FLOWER PETALS [54] 4-CETOCAROTENOÏDES EXPRIMÉS DANS DES PETALES DE FLEUR [72] HAUPTMANN, RANDAL, US [72] ESCHENFELDT, WILLIAM, US [72] EISENREICH, ROBERT, US [72] KHAMBATTA, ZUBIN, US [71] BALL HORTICULTURAL COMPANY, US [85] 2004-09-16 [86] 2003-03-21 (PCT/US2003/008878) [87] 2003-10-02 (WO2003/080849) [30] US (60/366,444) 2002-03-21 [30] US (10/325,265) 2002-12-19 [30] US (10/392,942) 2003-03-20</p>	<p>[21] <b>2,479,724</b> [13] A1</p> <p>[51] Int.Cl. 7C12N 15/57 7A61K 48/00 7A61P 35/00 7C12N 15/12 7A61K 38/16 7A61K 39/395 7G01N 33/574 7C12Q 1/68 7A61K 31/7088 [25] EN [54] GENE AMPLIFICATION IN CANCER [54] AMPLIFICATION DE GENES EN CAS DE CANCER [72] YANG, JIANXIN, US [72] POWERS, SCOTT, US [72] LI, JING, US [71] TULARIK, INC., US [85] 2004-09-17 [86] 2003-03-18 (PCT/US2003/008305) [87] 2003-10-02 (WO2003/079982) [30] US (60/365,192) 2002-03-19 [30] US (60/365,206) 2002-03-19</p>	<p>[21] <b>2,479,732</b> [13] A1</p> <p>[51] Int.Cl. 7C12N 15/12 7C12Q 1/00 7C12P 21/02 7C12Q 1/02 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/53 7C12Q 1/68 [25] EN [54] THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS OF USE [54] POLYPEPTIDES THERAPEUTIQUES, ACIDES NUCLEIQUES CODANT POUR CEUX-CI ET METHODES D'UTILISATION ASSOCIEES [72] MESRI, MEHDI, US [72] TSE, KAM-FAI, US [72] GIOT, LOIC, US [72] STARLING, GARY, US [72] GUO, XIAOJIA, US [72] OOI, CHEAN ENG, US [72] SMITHSON, GLENNDAA, US [72] RASTELLI, LUCA, US [72] LEPLEY, DENISE M., US [72] RIEGER, DANIEL K., US [72] ANDERSON, DAVID W., US [71] CURAGEN CORPORATION, US [85] 2004-09-17 [86] 2003-03-19 (PCT/US2003/008490) [87] 2003-10-02 (WO2003/080856) [30] US (60/365,491) 2002-03-19 [30] US (60/410,618) 2002-09-13</p>
<p>[21] <b>2,479,414</b> [13] A1</p> <p>[51] Int.Cl. 7C12N 15/12 7A61K 38/00 7C12N 5/10 7G01N 33/50 7G01N 33/68 7C07K 14/705 [25] EN [54] INHIBITION OF THE .BETA.3 SUBUNIT OF L-TYPE CA2+ CHANNELS [54] INHIBITION DE LA SOUS-UNITE \$G(B)3 DES CANAUX CA2+ DE TYPE L [72] FLOCKERZI, VEIT, DE [72] BERGGREN, PER-OLOF, SE [71] BIOSTRATUM AB, SE [85] 2004-09-15 [86] 2003-03-20 (PCT/EP2003/002929) [87] 2003-09-25 (WO2003/078630) [30] US (60/366,152) 2002-03-20 [30] US (60/442,142) 2003-01-22</p>	<p>[21] <b>2,479,730</b> [13] A1</p> <p>[51] Int.Cl. 7C12N 15/12 7A61K 45/00 7A61P 35/00 7C07K 16/32 7G01N 33/574 7C12Q 1/68 7C07K 14/82 [25] EN [54] NOVEL COMPOSITIONS AND METHODS IN CANCER [54] NOUVELLES COMPOSITIONS ET NOUVEAUX PROCEDES POUR LE CANCER [72] MORRIS, DAVID W., US [71] SAGRES DISCOVERY, US [85] 2004-09-17 [86] 2003-03-21 (PCT/US2003/008919) [87] 2003-10-02 (WO2003/080808) [30] US (60/367,025) 2002-03-21</p>	<p>[21] <b>2,479,739</b> [13] A1</p> <p>[51] Int.Cl. 7C12N 15/82 7A01H 5/00 7A01H 1/04 7C12N 15/29 7C12Q 1/68 [25] EN [54] REFINED PLANT TRANSFORMATION [54] TRANSFORMATION RAFFINEE DES PLANTES [72] WEEKS, J. TROY, US [72] ROMMENS, CAIUS M. T., US [71] J.R. SIMPLOT COMPANY, US [85] 2004-09-17 [86] 2003-03-20 (PCT/US2003/008548) [87] 2003-10-02 (WO2003/079765) [30] US (60/365,527) 2002-03-20 [30] US (60/377,597) 2002-05-06</p>

## PCT Applications Entering the National Phase

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**[21] 2,479,750**  
[13] A1

[51] Int.Cl. 7C07K 14/75 7C07K 17/00  
7C07K 7/06 7C07K 7/08 7A61K 47/42  
7A61K 47/48 7G01N 33/53  
[25] EN  
[54] FIBRINOGEN BINDING MOIETIES  
[54] FRAGMENTS SE FIXANT AU  
FIBRINOGENE  
[72] WESCOTT, CHARLES R., US  
[72] SATO, AARON K., US  
[71] DYAX CORP., US  
[85] 2004-09-17  
[86] 2003-03-25 (PCT/US2003/008732)  
[87] 2003-10-09 (WO2003/083436)  
[30] US (60/367,645) 2002-03-26

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**[21] 2,479,759**  
[13] A1

[51] Int.Cl. 7A61K 48/00 7A61P 35/00  
7A61K 47/42 7C12N 15/861  
[25] EN  
[54] PROTAMINE-ADENOVIRAL  
VECTEUR COMPLEXES AND  
METHODS OF USE  
[54] COMPLEXES DE VECTEUR  
ADENOVIRAL-PROTAMINE ET  
PROCEDES D'UTILISATION  
[72] JI, LIN, US  
[72] ROTH, JACK A., US  
[71] BOARD OF REGENTS, THE  
UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2004-09-17  
[86] 2003-03-24 (PCT/US2003/009152)  
[87] 2003-10-09 (WO2003/082195)  
[30] US (60/366,846) 2002-03-22

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**[21] 2,479,763**  
[13] A1

[51] Int.Cl. 7A61F 2/00  
[25] EN  
[54] POTENT ONCOLYTIC HERPES  
SIMPLEX VIRUS FOR CANCER  
THERAPY  
[54] VIRUS HERPES SIMPLEX  
ONCOLYTIQUE PUISSANT POUR UNE  
THERAPIE DU CANCER  
[72] ZHANG, XIAOLIU, US  
[72] FU, XINPING, US  
[71] BAYLOR COLLEGE OF MEDICINE,  
US  
[85] 2004-09-17  
[86] 2003-03-26 (PCT/US2003/009287)  
[87] 2003-10-09 (WO2003/082200)  
[30] US (60/367,788) 2002-03-27  
[30] US (60/410,024) 2002-09-11

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**[21] 2,479,858**  
[13] A1

[51] Int.Cl. 7C12N 9/16 7C12N 15/90  
[25] EN  
[54] METHODS AND COMPOSITIONS  
FOR USING ZINC FINGER  
ENDONUCLEASES TO ENHANCE  
HOMOLOGOUS RECOMBINATION  
[54] PROCEDES ET COMPOSITIONS  
PERMETTANT D'UTILISER DES  
ENDONUCLEASES A DOIGTS DE ZINC  
POUR AMELIORER LA  
RECOMBINAISON HOMOLOGUE  
[72] LILJEDAHL, MONIKA, US  
[72] ASPLAND, SIMON ERIC, US  
[72] SEGAL, DAVID J., US  
[71] SANGAMO BIOSCIENCE, INC., US  
[85] 2004-09-20  
[86] 2003-03-20 (PCT/US2003/009081)  
[87] 2003-10-02 (WO2003/080809)  
[30] US (60/367,114) 2002-03-21

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**[21] 2,479,891**  
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C07K 17/00  
7G01N 37/00  
[25] EN  
[54] MICRODEVICES HAVING A  
PREFERENTIAL AXIS OF  
MAGNETIZATION AND USES  
THEREOF  
[54] MICRODISPOSITIFS  
COMPRENANT UN AXE  
PREFERENTIEL DE MAGNETISATION  
ET UTILISATIONS DE CES  
MICRODISPOSITIFS  
[72] TAO, GUO LIANG, US  
[72] WU, LEI, US  
[72] ROTHWARP, DAVID M., US  
[72] HUANG, MINGXIAN, US  
[72] WANG, XIAOBO, US  
[72] XU, JUNQUAN, US  
[71] AVIVA BIOSCIENCES  
CORPORATION, US  
[85] 2004-09-20  
[86] 2003-03-12 (PCT/US2003/007468)  
[87] 2003-10-02 (WO2003/081261)  
[30] US (10/104,571) 2002-03-21

---

**[21] 2,479,903**  
[13] A1

[51] Int.Cl. 7A61K 38/39 7A61P 17/02  
7A61P 27/02 7A61L 27/24 7A61L 15/32  
7A61L 27/38 7A61K 35/50  
[25] EN  
[54] COLLAGEN BIOFABRIC AND  
METHODS OF PREPARATION AND  
USE THEREFOR  
[54] TEXTURE BIOLOGIQUE  
COLLAGENE ET PROCEDES  
PERMETTANT DE LA PREPARER ET  
DE L'UTILISER  
[72] MURPHY, PATRICIA A., US  
[72] KAPLUNOVSKY, ALEKSANDR M.,  
US  
[72] HARIRI, ROBERT J., US  
[71] ANTHROGENESIS CORPORATION,  
US  
[85] 2004-09-20  
[86] 2003-03-26 (PCT/US2003/009304)  
[87] 2003-10-09 (WO2003/082201)  
[30] US (10/106,653) 2002-03-26

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**[21] 2,479,927**  
[13] A1

[51] Int.Cl. 7C12N 15/13 7C07K 16/24  
7A61K 39/395  
[25] EN  
[54] HUMAN MONOCLOINAL  
ANTIBODIES TO INTERLEUKIN-5 AND  
METHODS AND COMPOSITIONS  
COMPRISING SAME  
[54] ANTICORPS MONOCLONAUX  
HUMAINS ANTI-INTERLEUKINE-5 ET  
PROCEDES ET COMPOSITIONS LES  
CONTENANT  
[72] GREENFEDER, SCOTT, US  
[72] CORVALAN, JOSE, US  
[71] SCHERING CORPORATION, US  
[71] ABGENIX, INC., US  
[85] 2004-09-20  
[86] 2003-03-27 (PCT/US2003/009260)  
[87] 2003-10-16 (WO2003/085089)  
[30] US (60/369,044) 2002-03-29

## Demandes PCT entrant en phase nationale

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[21] **2,479,935**  
[13] A1

[51] Int.Cl. 7C12N 15/54 7A01H 5/00  
7C12P 17/06 7A01H 5/10 7C12N 5/10  
7C12N 9/10 7C12N 15/82  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR ALTERING TOCOTRIENOL CONTENT  
[54] COMPOSITIONS ET PROCEDES POUR LA TRANSFORMATION DE TENEUR EN TOCOTRIENOL  
[72] COUGHLAN, SEAN J., US  
[72] CAHOON, EDGAR B., US  
[72] CAHOON, REBECCA E., US  
[72] BUTLER, KARLENE H., US  
[71] E.I. DU PONT DE NEMOURS & CO., US  
[85] 2004-09-20  
[86] 2003-03-11 (PCT/US2003/007599)  
[87] 2003-10-09 (WO2003/082899)  
[30] US (60/366,757) 2002-03-22

[21] **2,480,099**  
[13] A1

[51] Int.Cl. 7C12N 15/12 7C07H 21/00  
7A61K 39/00 7A61P 35/00 7A61K 38/17  
7C07K 16/30 7C07K 14/435  
[25] EN  
[54] ERBB3 BASED METHODS AND COMPOSITIONS FOR TREATING NEOPLASMS  
[54] PROCEDES FONDES SUR L'UTILISATION DE ERBB3 ET COMPOSITIONS ASSOCIEES DE TRAITEMENT DES NEOPLASMES  
[72] ZHOU, MINGDONG, CN  
[71] ZENSUN (SHANGHAI) SCI-TECH. LTD., CN  
[85] 2004-09-22  
[86] 2003-03-26 (PCT/CN2003/000217)  
[87] 2003-10-02 (WO2003/080835)  
[30] CN (02 1 16259.X) 2002-03-26

[21] **2,480,119**  
[13] A1

[51] Int.Cl. 7A61K 38/00 7C07K 16/00  
[25] EN  
[54] CRIPTO-SPECIFIC ANTIBODIES  
[54] ANTICORPS SPECIFIQUES AU CRIPTO  
[72] MIKLASZ, STEVEN DONALD, US  
[72] RAYHORN, PAUL, US  
[72] SCHIFFER, SUSAN GAIL, US  
[72] WILLIAMS, KEVIN P., US  
[72] ADKINS, HEATHER, US  
[72] SANICOLA-NADEL, MICHELE, US  
[71] BIOGEN, INC., US  
[85] 2004-09-22  
[86] 2002-10-01 (PCT/US2002/031462)  
[87] 2003-10-09 (WO2003/083041)  
[30] US (60/367,002) 2002-03-22  
[30] US (PCT/US02/11950) 2002-04-17

[21] **2,480,138**  
[13] A1

[51] Int.Cl. 7A61K 9/133 7A61K 38/23  
7A61K 38/27  
[25] EN  
[54] TRANSCELLULAR DRUG DELIVERY SYSTEM  
[54] SYSTEME DE DISTRIBUTION TRANSCELLULAIRE DE MEDICAMENTS  
[72] LEVINSON, R. SAUL, US  
[72] RILEY, THOMAS C., US  
[71] DRUGTECH CORPORATION, US  
[85] 2004-09-22  
[86] 2003-03-21 (PCT/US2003/008670)  
[87] 2003-10-09 (WO2003/082370)  
[30] US (10/102,970) 2002-03-22

[21] **2,480,159**  
[13] A1

[51] Int.Cl. 7C12N 1/20  
[25] EN  
[54] SECRETION OF PROTEINS WITH MULTIPLE DISULFIDE BONDS IN BACTERIA AND USES THEREOF  
[54] SECRETION DE PROTEINES A PLUSIEURS LIAISONS DISULFURE CHEZ DES BACTERIES ET LEUR UTILISATION  
[72] MASIP, LLUIS, US  
[72] DELISA, MATTHEW, US  
[72] GEORGIOU, GEORGE, US  
[71] RESEARCH DEVELOPMENT FOUNDATION, US  
[85] 2004-09-22  
[86] 2003-03-24 (PCT/US2003/008969)  
[87] 2003-10-09 (WO2003/083056)  
[30] US (60/367,130) 2002-03-23

[21] **2,480,163**  
[13] A1

[51] Int.Cl. 7C07K 16/24 7A61P 29/00  
7C12P 21/08 7A61K 39/395 7G01N 33/574  
[25] EN  
[54] ANTI-IL-TIF ANTIBODIES AND METHODS OF USING IN INFLAMMATION  
[54] ANTICORPS ANTI-IL-TIF ET LEURS METHODES D'UTILISATION DANS UNE INFLAMMATION  
[72] CHANDRASEKHER, YASMIN A., US  
[72] XU, WENFENG, US  
[72] HUGHES, STEVEN D., US  
[72] KINDVOGEL, WAYNE, US  
[71] ZYMOGENETICS, INC., US  
[85] 2004-09-22  
[86] 2003-03-24 (PCT/US2003/009075)  
[87] 2003-10-09 (WO2003/083062)  
[30] US (60/366,842) 2002-03-22

[21] **2,480,194**  
[13] A1

[51] Int.Cl. 7A61K 31/553 7A61P 35/00  
7A61K 31/09 7A61K 31/155 7A61K 31/341  
7A61K 31/4035 7A61K 31/4152 7A61K 31/44 7A61K 31/47 7A61K 31/53 7G01N 33/574  
[25] EN  
[54] INHIBITORS OF THE S100-P53 PROTEIN-PROTEIN INTERACTION AND METHOD OF INHIBITING CANCER EMPLOYING THE SAME  
[54] INHIBITEURS DE L'INTERACTION PROTEINE-PROTEINE S100-P53 ET METHODE D'INHIBITION DU CANCER UTILISANT LESDITS INHIBITEURS  
[72] MARKOWITZ, JOSEPH, US  
[72] CARRIER, FRANCE, US  
[72] MACKERELL, ALEXANDER D., US  
[72] WEBER, DAVID J., US  
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US  
[85] 2004-09-23  
[86] 2003-03-28 (PCT/US2003/008678)  
[87] 2003-10-16 (WO2003/084475)  
[30] US (60/368,835) 2002-03-29

## PCT Applications Entering the National Phase

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**[21] 2,480,196**  
[13] A1

- [51] Int.Cl. 7A61K 39/39 7A61P 31/00
  - [25] EN
  - [54] USE OF A LIPOPEPTIDE OR LIPOPROTEIN AS AN ADJUVANT IN THERAPEUTIC OR PROPHYLACTIC VACCINATIONS
  - [54] UTILISATION D'UN LIPOPEPTIDE OU D'UNE LIPOPROTEINE COMME ADJUVANT LORS D'UNE VACCINATION THERAPEUTIQUE OU PROPHYLACTIQUE
  - [72] GUZMAN, CARLOS ALBERTO, DE
  - [72] MUHLRADT, PETER, DE
  - [71] GBF GESELLSCHAFT FÜR BIOTECHNOLOGISCHE FORSCHUNG M.B.H., DE
  - [85] 2004-09-23
  - [86] 2003-04-03 (PCT/EP2003/003497)
  - [87] 2003-10-16 (WO2003/084568)
  - [30] EP (02007640.2) 2002-04-04
- 

**[21] 2,480,217**  
[13] A1

- [51] Int.Cl. 7A61K 38/08 7C07K 14/00
  - 7C07K 7/06 7C07K 7/08 7A61K 38/10
  - 7A61K 38/16
  - [25] EN
  - [54] G-TYPE PEPTIDES TO AMELIORATE ATHEROSCLEROSIS
  - [54] PEPTIDES DE TYPE G DESTINES A AMELIORER L'ATHEROSCLEROSE
  - [72] NAVAB, MOHAMAD, US
  - [72] FOGELMAN, ALAN M., US
  - [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
  - [85] 2004-09-23
  - [86] 2003-04-01 (PCT/US2003/009988)
  - [87] 2003-10-23 (WO2003/086326)
  - [30] US (10/120,508) 2002-04-05
- 

**[21] 2,480,286**  
[13] A1

- [51] Int.Cl. 7G01N 33/00 7C12N 5/00
  - 7C12N 5/02 7A01K 67/027
  - [25] EN
  - [54] DISRUPTION OF THE REDK GENE
  - [54] DISLOCATION DU GENE REDK
  - [72] ROACH, MARSHA LYNN, US
  - [72] ALLEN, MELANIE RUTH, US
  - [72] NEOTE, KULDEEP SINGH, US
  - [72] BRISSETTE, WILLIAM HOWARD, US
  - [72] HAMBOR, JOHN EDWARD, US
  - [71] PFIZER PRODUCTS INC., US
  - [85] 2004-09-22
  - [86] 2003-03-17 (PCT/IB2003/000994)
  - [87] 2003-10-09 (WO2003/083038)
  - [30] US (60/368,810) 2002-03-30
- 

**[21] 2,480,291**  
[13] A1

- [51] Int.Cl. 7C12N 15/62 7C07K 19/00
  - 7C12P 21/02 7C12N 15/12 7C12N 15/13
  - 7A61K 38/17 7C07K 16/18 7C07K 16/42
  - 7C07K 14/47
  - [25] EN
  - [54] ADIPOCYTE COMPLEMENT RELATED PROTEIN ZACRP14
  - [54] PROTEINE ZACRP14 ASSOCIEE A UN COMPLEMENT D'ADIPOCYTE
  - [72] PIDDINGTON, CHRISTOPHER S., US
  - [72] FOX, BRIAN A., US
  - [72] SHEPPARD, PAUL O., US
  - [72] BISHOP, PAUL D., US
  - [71] ZYMOGENETICS, INC., US
  - [85] 2004-09-24
  - [86] 2003-04-24 (PCT/US2003/012773)
  - [87] 2003-11-06 (WO2003/090514)
  - [30] US (60/375,984) 2002-04-26
- 

**[21] 2,480,319**  
[13] A1

- [51] Int.Cl. 7C07K 14/325 7C12N 15/62
  - 7C12N 15/82
  - [25] EN
  - [54] CHIMERIC DELTA ENDOTOXIN PROTEIN OF CRY1EA AND CRY1CA
  - [54] PROTEINE DELTA ENDOTOXINE CHIMERIQUE CRY1EA ET CRY1CA
  - [72] TULI, RAKESH, IN
  - [71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
  - [85] 2004-09-23
  - [86] 2002-03-28 (PCT/IN2002/000092)
  - [87] 2003-10-09 (WO2003/082910)
- 

**[21] 2,480,386**  
[13] A1

- [51] Int.Cl. 7C12N 15/09 7A61K 38/00
  - 7A61K 48/00 7C12Q 1/02 7A01K 67/027
  - 7C12N 5/10 7C12N 9/10 7C12N 15/12
  - 7C12N 1/15 7C12N 1/19 7C12N 1/21
  - 7A61K 39/395 7C07K 16/40 7C12N 15/54
  - 7C12Q 1/68 7A61K 31/711
  - [25] EN
  - [54] NOVEL GALACTOSE TRANSFERASES, PEPTIDES THEREOF AND NUCLEIC ACID ENCODING THE SAME
  - [54] NOUVELLES GALACTOSE TRANSFERASES ET LEURS PEPTIDES, ET ACIDE NUCLEIQUE CODANT POUR LESDITES TRANSFERASES
  - [72] NARIMATSU, HISASHI, JP
  - [72] IWASAKI, HIROKO, JP
  - [72] KUDO, TAKASHI, JP
  - [71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
  - [85] 2004-09-24
  - [86] 2003-03-27 (PCT/JP2003/003846)
  - [87] 2003-10-09 (WO2003/083110)
  - [30] JP (2002-94772) 2002-03-29
  - [30] JP (2002-201344) 2002-07-10
- 

**[21] 2,480,404**  
[13] A1

- [51] Int.Cl. 7A61K 38/00 7A61K 48/00
- 7C07K 5/00 7C07K 14/00 7A61K 39/395
- [25] EN
- [54] FC RECEPTOR HOMOLOG, REAGENTS, AND USES THEREOF
- [54] ELEMENTS DE LA FAMILLE DES GENES HOMOLOGUES DES RECEPTEURS DE FC (FCRH1-3, 6), REACTIFS ASSOCIES ET UTILISATIONS DE CES DERNIERS
- [72] DAVIS, RANDALL S., US
- [72] COOPER, MAX D., US
- [71] UAB RESEARCH FOUNDATION, US
- [85] 2004-09-24
- [86] 2003-03-25 (PCT/US2003/009600)
- [87] 2003-10-30 (WO2003/089624)
- [30] US (60/367,667) 2002-03-25

## Demandes PCT entrant en phase nationale

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[21] **2,480,437**  
[13] A1

[51] Int.Cl. 7C12N 15/867 7A61K 45/00  
7C12Q 1/02 7A61P 31/12 7C12Q 1/68  
[25] EN  
[54] METHODS OF IDENTIFYING COMPOUNDS THAT MODULATE A DNA REPAIR PATHWAY AND/OR RETROVIRAL INFECTIVITY, THE COMPOUNDS, AND USES THEREOF  
[54] TECHNIQUES D'IDENTIFICATION DE COMPOSES QUI MODULENT UNE VOIE DE REPARATION D'ADN ET/OU UNE INFECTIVITE RETROVIRALE, COMPOSES ET UTILISATION DE CEUX-CI  
[72] FISHEL, RICHARD A., US  
[72] YODER, KRISTINE E., US  
[71] FISHEL, RICHARD A., US  
[71] YODER, KRISTINE E., US  
[85] 2004-09-27  
[86] 2003-04-04 (PCT/US2003/010302)  
[87] 2003-10-30 (WO2003/089573)  
[30] US (60/370,376) 2002-04-05

[21] **2,480,450**  
[13] A1

[51] Int.Cl. 7C12N 15/12 7C12P 21/02  
7A61K 38/17 7C07K 16/18 7C07K 14/47  
7G01N 33/53 7C12Q 1/68  
[25] EN  
[54] THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS OF USE  
[54] POLYPEPTIDES THERAPEUTIQUES, ACIDES NUCLEIQUES CODANT POUR CEUX-CI ET METHODES D'UTILISATION ASSOCIEES  
[72] BOLDOG, FERENC L., US  
[72] BENTO, PATRICIA, US  
[72] ALSO BROOK, JOHN P. II, US  
[72] SHENOY, SURESH G., US  
[72] PEYMAN, JOHN A., US  
[72] EDINGER, SHLOMIT R., US  
[72] PATTURAJAN, MEERA, US  
[72] ELLERMAN, KAREN, US  
[72] SHIMKETS, RICHARD D., US  
[72] BURGESS, CATHERINE E., US  
[72] GUSEV, VLADIMIR Y., US  
[72] MACDOUGALL, JOHN R., US  
[72] CASMAN, STACIE J., US  
[72] CRABTREE-BOKOR, JULIE R., US  
[72] GUNTHER, ERIK, US  
[72] MALYANKAR, URIEL M., US  
[72] MILLET, ISABELLE, US  
[72] SMITHSON, GLENNDAA, US  
[72] HEYES, MELVYN P., US  
[72] RIEGER, DANIEL K., US  
[72] GROSSE, WILLIAM M., US  
[72] FERNANDES, ELMA R., US  
[72] GERLACH, VALERIE L., US  
[72] STONE, DAVID J., US  
[72] LI, LI, US  
[72] RASTELLI, LUCA, US  
[72] LEPLEY, DENISE M., US  
[72] VERNET, CORINE A. M., US  
[72] VOSS, EDWARD Z., US  
[71] CURAGEN CORPORATION, US  
[85] 2004-10-01  
[86] 2003-04-01 (PCT/US2003/009775)  
[87] 2003-10-16 (WO2003/085124)  
[30] US (60/369,065) 2002-04-01  
[30] US (60/370,279) 2002-04-05  
[30] US (60/370,359) 2002-04-05  
[30] US (60/370,969) 2002-04-08  
[30] US (60/372,019) 2002-04-12  
[30] US (60/374,379) 2002-04-22  
[30] US (60/380,973) 2002-05-15  
[30] US (60/384,329) 2002-05-30  
[30] US (60/384,297) 2002-05-30  
[30] US (60/389,729) 2002-06-17  
[30] US (60/403,491) 2002-08-13  
[30] US (60/403,748) 2002-08-15  
[30] US (10/403,142) 2003-03-31

[21] **2,480,554**  
[13] A1

[51] Int.Cl. 7C12N 15/74 7A01N 43/04  
7C12N 15/85  
[25] EN  
[54] BONE GENERATION BY GENE THERAPY  
[54] GENERATION D'OS PAR THERAPIE GENIQUE  
[72] SONG, SUN UK, KR  
[72] LEE, KWAN HEE, US  
[72] NOH, MOON JONG, US  
[72] BAE, HYUN, US  
[72] YI, YOUNGSUK, US  
[71] TISSUEGENE, INC., US  
[85] 2004-09-28  
[86] 2003-03-28 (PCT/US2003/009718)  
[87] 2003-10-09 (WO2003/083079)  
[30] US (60/369,100) 2002-03-28  
[30] US (60/405,413) 2002-08-22

[21] **2,480,561**  
[13] A1

[51] Int.Cl. 7C12N 5/08 7A61L 27/00  
7A01K 67/027 7C12P 21/08 7C12N 15/09  
7C07K 16/18 7C12N 5/18  
[25] EN  
[54] METHOD OF PROLIFERATING HUMAN HEPATOCYTES AND METHOD OF OBTAINING HUMAN HEPATOCYTES  
[54] PROCEDE ASSURANT LA PROLIFERATION DES HEPATOCYTES HUMAINS ET PROCEDE D'OBTENTION D'HEPATOCYTES HUMAINS  
[72] MUKAIDANI, CHISE, JP  
[72] YOSHIZATO, KATSUTOSHI, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[71] HIROSHIMA INDUSTRIAL TECHNOLOGY ORGANIZATION, JP  
[85] 2004-09-24  
[86] 2003-03-25 (PCT/JP2003/003623)  
[87] 2003-10-02 (WO2003/080821)  
[30] JP (2002-84280) 2002-03-25

## PCT Applications Entering the National Phase

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[21] 2,480,564  
[13] A1

[51] Int.Cl. 7C12N 15/29 7A01H 5/00  
7A01N 25/00 7C12N 5/14  
[25] EN  
[54] NOVEL MELOIDOGYNE-  
RESISTANCE GENE AND  
UTILIZATION THEREOF  
[54] GENE RESISTANT AU GENRE  
MELOIDOGYNE, ET UTILISATION  
[72] WATANABE, KAZUO, JP  
[72] WATANABE, JUNKO, JP  
[71] UNIVERSITY OF TSUKUBA, JP  
[85] 2004-09-24  
[86] 2002-11-27 (PCT/JP2002/012392)  
[87] 2003-10-02 (WO2003/080838)  
[30] JP (2002-089622) 2002-03-27

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[21] 2,480,642  
[13] A1

[51] Int.Cl. 7C12N 15/82 7A01H 5/00  
7C12N 15/90  
[25] EN  
[54] LAMBDA INTEGRASE MEDIATED  
RECOMBINATION IN PLANTS  
[54] RECOMBINAISON A MEDIATION  
D'INTEGRASES LAMBDA CHEZ DES  
VEGETAUX  
[72] SUTTIE, JANET LOUISE, US  
[72] CHILTON, MARY-DELL, US  
[72] QUE, QIUDENG, US  
[71] SYNGENTA PARCIPATIONS AG,  
CH  
[85] 2004-09-28  
[86] 2003-03-28 (PCT/US2003/010124)  
[87] 2003-10-09 (WO2003/083045)  
[30] US (60/369,041) 2002-03-29  
[30] US (60/425,512) 2002-11-12

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[21] 2,480,665  
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C12Q 1/42  
7G01N 33/573  
[25] EN  
[54] USE OF NA,K-ATPASE A-AND B-  
SUBUNITS IN BLADDER CANCER  
DETECTION AND DRUG SCREENING  
[54] UTILISATION DES SOUS-UNITES  
.ALPHA. ET .BETA. DE LA NA,K-  
ATPASE DANS LA DETECTION DU  
CANCER DE LA VESIE ET LE  
CRIBLAGE DE MEDICAMENTS  
[72] RAJASEKARAN, AYYAPPAN K., US  
[72] RAJASEKARAN, SIGRID A., US  
[71] THE REGENTS OF THE  
UNIVERSITY OF CALIFORNIA, US  
[85] 2004-09-28  
[86] 2003-04-08 (PCT/US2003/010826)  
[87] 2003-10-23 (WO2003/086292)  
[30] US (60/371,068) 2002-04-08

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[21] 2,480,775  
[13] A1

[51] Int.Cl. 7A61K 31/7105 7A61K 39/00  
7A61P 37/04 7A61K 35/14 7A61K 39/39  
7A61K 31/7088 7A61K 31/713  
[25] EN  
[54] IMMUNOSTIMULATORY G,U-  
CONTAINING  
OLIGORIBONUCLEOTIDES  
[54] OLIGORIBONUCLEOTIDES  
IMMUNOSTIMULANTS CONTENANT  
DE LA GUANINE ET DE L'URACILE  
[72] LIPFORD, GRAYSON B., DE  
[72] BAUER, STEFAN, DE  
[71] COLEY PHARMACEUTICAL GMBH,  
DE  
[85] 2004-09-29  
[86] 2003-04-04 (PCT/US2003/010406)  
[87] 2003-10-23 (WO2003/086280)  
[30] US (60/370,515) 2002-04-04  
[30] US (60/421,966) 2002-10-29

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[21] 2,481,399  
[13] A1

[51] Int.Cl. 7C07K 14/47 7A61K 38/00  
7A61K 48/00 7C12P 21/02 7C12N 5/10  
7C12N 15/12  
[25] EN  
[54] PEPTIDES, MEDICINAL  
COMPOSITIONS CONTAINING THE  
PEPTIDE AND MEDICINAL  
COMPOSITIONS FOR TREATING  
CANCER  
[54] PEPTIDES, COMPOSITIONS  
MEDICINALES CONTENANT CE  
PEPTIDE ET COMPOSITIONS  
MEDICINALES ANTICANCEREUSES  
[72] KOBAYASHI, MASANOBU, JP  
[71] ONCOREX, INC., JP  
[85] 2004-09-15  
[86] 2003-03-19 (PCT/JP2003/003344)  
[87] 2003-09-25 (WO2003/078460)  
[30] JP (2002-075575) 2002-03-19

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[21] 2,482,275  
[13] A1

[51] Int.Cl. 7B67D 5/02 7B65D 83/00  
7B65D 47/24  
[25] EN  
[54] LIQUID INJECTOR SYSTEM  
[54] SYSTEME D'INJECTEUR DE  
LIQUIDE  
[72] KUMAR, NEILAN, KRISHNA, GB  
[71] KUMAR, NEILAN, KRISHNA, GB  
[85] 2004-10-19  
[86] 2002-04-19 (PCT/GB2002/001825)  
[87] 2002-10-31 (WO2002/085775)  
[30] GB (0109876.3) 2001-04-21

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[21] 2,482,305  
[13] A1

[51] Int.Cl. 7A61K 49/04 7A61B 19/00  
7A61K 49/06 7A61K 49/18 7A61K 49/22  
[25] EN  
[54] CAVITY FILLING BIOPSY SITE  
MARKER  
[54] SYSTEMES DE MARQUAGE DE  
SITES DE BIOPSIE PAR REMPLISSAGE  
DE LA CAVITE DE BIOPSIE  
[72] BURBANK, FRED H., US  
[72] LUBOCK, PAUL, US  
[72] JONES, MICHAEL L., US  
[71] SENORX, INC., US  
[85] 2004-10-18  
[86] 2003-04-16 (PCT/US2003/011767)  
[87] 2003-10-30 (WO2003/089012)  
[30] US (10/124,757) 2002-04-16

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[21] 2,482,480  
[13] A1

[51] Int.Cl. 7A61K 7/06 7D06M 15/643  
[25] EN  
[54] FIBER TREATMENT BLEND  
[54] MELANGE POUR TRAITEMENT  
DE FIBRES  
[72] GODFREY, SIMON PAUL, GB  
[72] MCMEEKIN, ANTHONY, GB  
[72] BUREIKO, ANDREI SERGEEVICH,  
GB  
[72] GLENN, ROBERT WAYNE, GB  
[72] BOUMARD, CORALIE CLAUDE  
MONIQUE, GB  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2004-10-19  
[86] 2003-04-22 (PCT/US2003/013565)  
[87] 2003-10-30 (WO2003/088937)  
[30] GB (0209131.2) 2002-04-22

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[21] 2,482,539  
[13] A1

[51] Int.Cl. 7B41J 33/24 7B41J 33/14  
[25] EN  
[54] THERMAL RIBBON CARTRIDGE  
OR ROLL WITH SLACK RIBBON  
RETRACTION  
[54] CARTOUCHE OU ROULEAU DE  
RUBAN THERMIQUE A RETRACTION  
DE PARTIE DESSERREE  
[72] POOLE, DAVID L., US  
[71] ZIH CORP., BM  
[85] 2004-10-19  
[86] 2003-01-10 (PCT/US2003/000731)  
[87] 2003-11-20 (WO2003/095214)  
[30] US (10/141,322) 2002-05-08

## Demandes PCT entrant en phase nationale

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[21] 2,482,554  
[13] A1

[51] Int.Cl. 7D21C 3/02 7D21C 9/02  
[25] EN  
[54] VERY LOW COD UNBLEACHED PULP  
[54] PATE A PAPIER NON BLANCHIE A TRES FAIBLE DEMANDE CHIMIQUE EN OXYGENE  
[72] BICKELL, DAVID W., CA  
[72] REIMER, JULIE, US  
[72] LAU, PETER K., CA  
[72] WESTER, BRIAN, US  
[72] VRBANAC, MICHAEL D., US  
[72] DENNIS, BRIAN E., CA  
[71] WEYERHAEUSER COMPANY, US  
[85] 2004-10-19  
[86] 2002-05-15 (PCT/US2002/015521)  
[87] 2003-11-27 (WO2003/097929)

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[21] 2,482,556  
[13] A1

[51] Int.Cl. 7D21C 3/02 7D21C 9/02  
[25] EN  
[54] PROCESS FOR PRODUCING VERY LOW COD UNBLEACHED PULP  
[54] PROCEDE DE PRODUCTION DE PATE A PAPIER NON BLANCHIE A TRES FAIBLE DEMANDE CHIMIQUE EN OXYGENE  
[72] WESTER, BRIAN, US  
[72] DENNIS, BRIAN E., CA  
[72] LAU, PETER K., CA  
[72] REIMER, JULIE A., US  
[72] VRBANAC, MICHAEL D., US  
[72] BICKELL, DAVID W., CA  
[71] WEYERHAEUSER COMPANY, US  
[85] 2004-10-19  
[86] 2002-05-15 (PCT/US2002/015522)  
[87] 2003-11-27 (WO2003/097930)

---

[21] 2,482,562  
[13] A1

[51] Int.Cl. 7A63H 33/00  
[25] EN  
[54] REMOTELY CONTROLLED TOY ANIMAL SIMULATING AN OBJECT CHASE  
[54] ANIMAL-JOUET TELECOMMANDE SIMULANT UNE CHASSE A UN OBJET  
[72] MCGRATH, TARA, US  
[71] MATTEL, INC., US  
[85] 2004-10-19  
[86] 2003-06-19 (PCT/US2003/019111)  
[87] 2004-05-21 (WO2004/041391)  
[30] US (10/286,898) 2002-11-01

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[21] 2,482,662  
[13] A1

[51] Int.Cl. 7E05B 47/06  
[25] EN  
[54] ELECTRO-MECHANICAL CYLINDER LOCK-KEY COMBINATION WITH OPTICAL CODE  
[54] COMBINAISON DE SERRURE A BARILLET ELECTROMECANIQUE ET DE CLEF AVEC CODE OPTIQUE  
[72] LINDSTROM, ERIK, DK  
[71] RUOKO A/S, DK  
[85] 2004-10-19  
[86] 2003-04-02 (PCT/EP2003/003464)  
[87] 2003-10-16 (WO2003/085227)  
[30] DK (2002 00538) 2002-04-11

---

[21] 2,482,668  
[13] A1

[51] Int.Cl. 7H05K 7/20  
[25] EN  
[54] MICROPROCESSOR CONTROLLED HEATER/COOLER SYSTEM  
[54] SYSTEME DE REFROIDISSEMENT/CHAUFFAGE CONTROLE PAR MICROPROCESSEUR  
[72] RANDOLPH, BRUCE, US  
[72] KRIEGER, MICHAEL, US  
[71] VECTOR PRODUCTS, INC., US  
[85] 2004-10-18  
[86] 2003-04-17 (PCT/US2003/012092)  
[87] 2003-10-30 (WO2003/090497)  
[30] US (60/372,734) 2002-04-17  
[30] US (10/280,036) 2002-10-25

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[21] 2,482,826  
[13] A1

[51] Int.Cl. 7A61K 35/76 7A61K 41/00 7A61P 35/00  
[25] EN  
[54] SENSITIZATION OF NEOPLASTIC CELLS TO RADIATION THERAPY WITH ONCOLYTIC VIRUSES  
[54] SENSIBILISATION DE CELLULES NEOPLASIQUES A UNE RADIOTHERAPIE AU MOYEN DE VIRUS ONCOLYTIQUES  
[72] MORRIS, DONALD, CA  
[72] THOMPSON, BRADLEY G., CA  
[72] COFFEY, MATTHEW C., CA  
[72] BALL, DOUGLAS, CA  
[71] ONCOLYTICS BIOTECH, INC., CA  
[85] 2004-10-15  
[86] 2003-05-08 (PCT/CA2003/000695)  
[87] 2003-11-20 (WO2003/094939)  
[30] US (60/378,948) 2002-05-10  
[30] US (60/443,189) 2003-01-29

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[21] 2,482,888  
[13] A1

[51] Int.Cl. 7A63F 3/00  
[25] EN  
[54] BOARD GAME WITH MULTIFONCTIONNELLES  
[54] JEU DE TABLE AVEC PIECES MULTIFONCTIONNELLES  
[72] BLAKE, KARLA, AU  
[72] BLAKE, RUSSELL, AU  
[71] OCHRE HOLDINGS INC., VG  
[85] 2004-10-18  
[86] 2002-05-01 (PCT/US2002/013071)  
[87] 2003-11-13 (WO2003/092832)

---

[21] 2,482,889  
[13] A1

[51] Int.Cl. 7B62B 3/02 7A63B 55/08  
[25] EN  
[54] CARRIAGE  
[54] CHARIOT  
[72] FRICKER, SIEGFRIED, DE  
[71] FRICKER, SIEGFRIED, DE  
[85] 2004-10-18  
[86] 2003-04-15 (PCT/DE2003/001267)  
[87] 2003-10-30 (WO2003/089285)  
[30] DE (102 17 764.3) 2002-04-20

---

[21] 2,482,891  
[13] A1

[51] Int.Cl. 7G06F 11/10 7G06F 11/00 7G06F 11/07  
[25] EN  
[54] ENHANCEMENTS TO DATA INTEGRITY VERIFICATION MECHANISM  
[54] AMELIORATIONS APPORTEES A UN MECANISME DE VERIFICATION DE L'INTEGRITE DES DONNEES  
[72] LOAIZA, JUAN, US  
[72] LEE, JINGLING, US  
[72] HU, WEI, US  
[71] ORACLE INTERNATIONAL CORPORATION, US  
[85] 2004-10-18  
[86] 2003-03-21 (PCT/US2003/009063)  
[87] 2003-11-06 (WO2003/091880)  
[30] US (10/133,002) 2002-04-25

## PCT Applications Entering the National Phase

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[21] 2,482,892  
[13] A1

[51] Int.Cl. 7B66C 3/04 7B66C 3/16  
[25] EN  
[54] A DEVICE AND A METHOD FOR GRIPPING AT LEAST ONE ELONGATED ELEMENT  
[54] DISPOSITIF ET PROCEDE DE PREHENSION D'AU MOINS UN ELEMENT ALLONGE  
[72] LINDGREN, GUNNAR, SE  
[72] VIGHOLM, BO, SE  
[72] STRANDBERG, LENNART, SE  
[71] VOLVO CONSTRUCTION EQUIPMENT HOLDING SWEDEN AB, SE  
[85] 2004-10-18  
[86] 2003-03-04 (PCT/SE2003/000370)  
[87] 2003-10-30 (WO2003/089358)  
[30] SE (0201198-9) 2002-04-22

---

[21] 2,482,894  
[13] A1

[51] Int.Cl. 7C07C 209/68 7C07C 211/65  
[25] EN  
[54] METHOD FOR MANUFACTURING IONIC LIQUID CATALYSTS  
[54] PROCEDE DE PRODUCTION DE CATALYSEURS LIQUIDES IONIQUES  
[72] STERN, DONALD A., US  
[72] HOPE, KENNETH D., US  
[72] TWOMEY, DONALD W., US  
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2004-10-18  
[86] 2003-04-22 (PCT/US2003/012823)  
[87] 2003-10-30 (WO2003/089389)  
[30] US (60/374529) 2002-04-22

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[21] 2,482,895  
[13] A1

[51] Int.Cl. 7C09D 11/00 7C09B 67/00  
7C09B 69/00 7C09B 62/04 7C09B 31/08  
7C09B 62/09 7C09B 31/10 7C09B 31/11  
7C09B 31/14 7C09B 43/16 7C09B 62/44  
[25] EN  
[54] COLORING COMPOSITION AND INKJET RECORDING METHOD  
[54] COMPOSITION DE COLORATION ET PROCEDE D'IMPRESSION PAR JET D'ENCRE  
[72] FUJIWARA, TOSHIKI, JP  
[72] OZAWA, TAKASHI, JP  
[72] YABUKI, YOSHIHARU, JP  
[72] CHINO, TOMOHIRO, JP  
[71] FUJI PHOTO FILM CO., LTD., JP  
[85] 2004-10-18  
[86] 2003-04-04 (PCT/JP2003/004348)  
[87] 2003-10-23 (WO2003/087238)  
[30] JP (2002-113460) 2002-04-16  
[30] JP (2002-281723) 2002-09-26

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[21] 2,482,896  
[13] A1

[51] Int.Cl. 7C07C 2/26 7C08F 10/14  
[25] EN  
[54] METHOD FOR MANUFACTURING HIGH VISCOSITY POLYALPHAOLEFINS USING IONIC LIQUID CATALYSTS  
[54] PROCEDE DE PRODUCTION DE POLY-ALPHA-OLEFINES A HAUTE VISCOSITE EN UTILISANT DES CATALYSEURS LIQUIDES IONIQUES  
[72] COLLINS, J. BARRY, US  
[72] STERN, DONALD A., US  
[72] TWOMEY, DONALD W., US  
[72] HOPE, KENNETH D., US  
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2004-10-18  
[86] 2003-04-22 (PCT/US2003/012821)  
[87] 2003-10-30 (WO2003/089390)  
[30] US (60/374528) 2002-04-22

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[21] 2,482,898  
[13] A1

[51] Int.Cl. 7C08F 2/24 7C09D 7/12  
[25] EN  
[54] HIGHLY CROSSLINKED POLYMER PARTICLES AND COATING COMPOSITIONS CONTAINING THE SAME  
[54] PARTICULES POLYMERES HAUTEMENT RETICULEES ET COMPOSITIONS DE REVETEMENT LES CONTENANT  
[72] ENDLICH, BRIAN, US  
[72] RAGUNATHAN, KALIAPPA G., US  
[72] SWARUP, SHANTI, US  
[72] HALEY, M. FRANK, US  
[72] PAGAC, EDWARD S., US  
[72] OLSON, KURT G., US  
[72] KANIA, CHARLES M., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2004-10-18  
[86] 2003-04-16 (PCT/US2003/011703)  
[87] 2003-10-30 (WO2003/089477)  
[30] US (10/126,137) 2002-04-19

---

[21] 2,482,900  
[13] A1

[51] Int.Cl. 7C08F 6/04 7C08J 3/09  
[25] EN  
[54] PROCESS FPR PURIFICATION OF ALKOXYSTYRENE POLYMERS  
[54] PROCEDE FPR DE PURIFICATION DE POLYMERES D'ALCOXYSTYRENE  
[72] SHEEHAN, MICHAEL T., US  
[71] DUPONT ELECTRONIC TECHNOLOGIES L.P., US  
[85] 2004-10-18  
[86] 2003-04-10 (PCT/US2003/011262)  
[87] 2003-10-30 (WO2003/089481)  
[30] US (10/126,287) 2002-04-19  
[30] US (10/373,409) 2003-02-24

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[21] 2,482,901  
[13] A1

[51] Int.Cl. 7C08F 8/00 7C08F 6/02 7C08F 12/24  
[25] EN  
[54] PREPARATION OF HOMO-, CO- AND TERPOLYMERS OF SUBSTITUTED STYRENES  
[54] PREPARATION D'HOMOPOLYMERES, DE COPOLYMERES ET DE TERPOLYMERES DE STYRENES SUBSTITUES  
[72] SHEEHAN, MICHAEL T., US  
[72] SOUNIK, JAMES R., US  
[71] DUPONT ELECTRONIC TECHNOLOGIES L.P., US  
[85] 2004-10-18  
[86] 2003-04-10 (PCT/US2003/011260)  
[87] 2003-10-30 (WO2003/089482)  
[30] US (10/126,719) 2002-04-19

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[21] 2,482,934  
[13] A1

[51] Int.Cl. 7A61B 18/18  
[25] EN  
[54] LOW INTENSITY LIGHT THERAPY FOR THE MANIPULATION OF FIBROBLAST-DERIVED MAMMALIAN CELLS AND COLLAGEN  
[54] LUMINOTHERAPIE A FAIBLE INTENSITE POUR LA MANIPULATION DE FIBROBLASTES ET DE CELLULES DE MAMMIFERE DERIVEES DES FIBROBLASTES ET COLLAGENE  
[72] MCDANIEL, DAVID H., US  
[71] LIGHT BIOSCIENCE, INC., US  
[85] 2004-10-19  
[86] 2003-04-08 (PCT/US2003/010509)  
[87] 2003-10-23 (WO2003/086215)  
[30] US (10/119,772) 2002-04-11

## Demandes PCT entrant en phase nationale

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[21] 2,482,945  
[13] A1

[51] Int.Cl. 7C08G 65/332 7C08L 71/02  
7C08F 290/06 7C08F 12/22  
[25] EN  
[54] MONOMERS CONTAINING POLYOXYALKYLENES AND POLYMER SUPPORTS THEREFROM  
[54] MONOMERES CONTENANT DES POLYOXYALKYLENES, MONOMERES ET PROCEDES D'UTILISATION DANS LEUR FABRICATION  
[72] MOODY, DAVID JOHN, GB  
[72] WELLINGS, DONALD ALFRED, GB  
[71] AVECIA LIMITED, GB  
[85] 2004-10-19  
[86] 2003-04-25 (PCT/GB2003/001774)  
[87] 2003-11-06 (WO2003/091311)  
[30] GB (0209539.6) 2002-04-26

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[21] 2,482,954  
[13] A1

[51] Int.Cl. 7A01C 5/08 7A01C 23/00  
[25] EN  
[54] ROTARY DISTRIBUTOR, METHODS FOR ITS USE AND THE USE OF THE DISTRIBUTOR  
[54] DISTRIBUTEUR ROTATIF, PROCEDES D'UTILISATION ASSOCIES ET UTILISATION DUDIT DISTRIBUTEUR  
[72] VASTVEIT, KJELL, NO  
[71] AGROMILJO AS, NO  
[85] 2004-10-19  
[86] 2003-04-14 (PCT/NO2003/000122)  
[87] 2003-10-30 (WO2003/088735)  
[30] NO (20021854) 2002-04-19

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[21] 2,482,957  
[13] A1

[51] Int.Cl. 7G01N 33/53 7G01N 33/68  
[25] EN  
[54] ASSAY FOR GLYCOSYLATED PROTEINS  
[54] ANALYSE DE PROTEINES GLYCOSYLEDÉS  
[72] RYE, PHILIP, NO  
[71] AXIS-SHIELD ASA, NO  
[85] 2004-10-19  
[86] 2003-05-29 (PCT/GB2003/002374)  
[87] 2003-12-11 (WO2003/102581)  
[30] GB (0212391.7) 2002-05-29

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[21] 2,482,959  
[13] A1

[51] Int.Cl. 7A01K 80/00 7A01K 9/00  
[25] EN  
[54] METHOD AND DEVICE FOR COLLECTING ANIMALS IN OR ON A WATER BOTTOM  
[54] PROCEDE ET DISPOSITIF DESTINES A COLLECTER DES ANIMAUX DANS OU SUR UN FOND MARIN  
[72] OORSCHOT, RONALD WILLEM ARIE, NL  
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPASTNATUURWETENSCHAPPEI JK ONDERZOEK TN O, NL  
[85] 2004-10-19  
[86] 2003-04-22 (PCT/NL2003/000298)  
[87] 2003-10-30 (WO2003/088742)  
[30] NL (1020451) 2002-04-22

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[21] 2,482,962  
[13] A1

[51] Int.Cl. 7A23J 1/10 7C09H 3/00  
[25] EN  
[54] METHOD FOR PRODUCING GELATIN  
[54] PROCEDE DE PRODUCTION DE GELATINE  
[72] SIMONSEN, PER SJORUP, DK  
[71] DANEXPORT A/S, DK  
[85] 2004-10-19  
[86] 2003-04-15 (PCT/DK2003/000255)  
[87] 2003-10-30 (WO2003/088758)  
[30] DK (PA 2002 00599) 2002-04-22

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[21] 2,482,965  
[13] A1

[51] Int.Cl. 7B65B 61/00  
[25] EN  
[54] FLEXIBLE PACKAGING  
[54] EMBALLAGE SOUPLE  
[72] SCHROEDER, ALFRED A., US  
[72] ROMANYSZYN, MICHAEL T., US  
[71] LANCER PARTNERSHIP, LTD., US  
[85] 2004-10-19  
[86] 2003-04-16 (PCT/US2003/011546)  
[87] 2003-10-30 (WO2003/089308)  
[30] US (10/126,702) 2002-04-19

---

[21] 2,482,968  
[13] A1

[51] Int.Cl. 7A41B 11/14 7A41C 1/00  
[25] EN  
[54] TWO-PLY BODY-SMOOTHING UNDERGARMENT  
[54] SOUS-VETEMENT GAINANT REPLIE EN DEUX  
[72] BLAKELY, SARA T., US  
[72] DUCKHAM, JADIDEAH, US  
[71] BLAKELY, SARA T., US  
[85] 2004-10-19  
[86] 2003-04-11 (PCT/US2003/011045)  
[87] 2003-10-30 (WO2003/088773)  
[30] US (10/126,570) 2002-04-19

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[21] 2,482,970  
[13] A1

[51] Int.Cl. 7A47L 13/58  
[25] EN  
[54] CLEANING DEVICE HAVING WRINGER DEVICE WITH PUSH HANDLE  
[54] DISPOSITIF DE NETTOYAGE COMPRENANT UN DISPOSITIF D'ESSORAGE POURVU D'UNE POIGNEE DE POUSSÉE  
[72] PERELLI, THOMAS, US  
[71] RUBBERMAID COMMERCIAL PRODUCTS LLC, US  
[85] 2004-10-19  
[86] 2003-04-18 (PCT/US2003/012064)  
[87] 2003-10-30 (WO2003/088803)  
[30] US (60/373,659) 2002-04-19  
[30] US (10/417,341) 2003-04-17

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[21] 2,482,972  
[13] A1

[51] Int.Cl. 7A61K 31/4412 7A61K 31/44  
7A61K 31/4418 7A61K 31/4427 7A61K 31/  
721 7A61K 35/78  
[25] EN  
[54] THE USE OF HYDROXYPYRIDONE-DERIVATIVES IN WOUND HEALING  
[54] UTILISATION DE DERIVES D'HYDROXYPYRIDONE POUR UNE CICATRISATION DE PLAIES  
[72] BOHN, MANFRED, DE  
[72] WENGER, ROLAND H., DE  
[72] KRAEMER, KARL THEODOR, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2004-10-19  
[86] 2003-04-08 (PCT/EP2003/003618)  
[87] 2003-10-30 (WO2003/088966)  
[30] EP (02008902.5) 2002-04-20

## PCT Applications Entering the National Phase

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**[21] 2,482,973**  
[13] A1

[51] Int.Cl. 7A61K 47/48 7A61K 49/00  
7A61P 37/08 7A61K 39/35 7A61K 39/36  
[25] EN  
[54] MICROPARTICLES COMPRISING CARBOHYDRATE BEADS COVALENTLY LINKED WITH ALLERGEN  
[54] MICROPARTICULES COMPRENANT DES BILLES D'HYDRATES DE CARBONE LIEES PAR COVALENCE A UN ALLERGENE  
[72] VAN HAGE-HAMSTEN, MARIANNE, SE  
[72] KARLSSON-PARRA, ALEX, SE  
[72] ROENNELID, JOHAN, SE  
[72] VALENTA, RUDOLF, AT  
[72] KRAFT, DIETRICH, AT  
[72] GROENLUND, HANS, SE  
[72] VRTALA, SUSANNE, AT  
[72] WIEDERMANN, URSULA, AT  
[71] BIOMAY PRODUKTIONS- UND HANDELS-AKTIENGESELLSCHAFT, AT  
[85] 2004-10-19  
[86] 2003-04-17 (PCT/EP2003/004103)  
[87] 2003-10-30 (WO2003/089009)  
[30] EP (02008283.0) 2002-04-22

**[21] 2,482,975**  
[13] A1

[51] Int.Cl. 7B65D 51/16  
[25] EN  
[54] HOSE DIRECT CANISTER LID  
[54] COUVERCLE DE BOITE DIRECTE A TUYAU  
[72] HIGER, LANDEN M., US  
[72] TSAO, MICHAEL H., US  
[72] NIEH, LUTHER T., US  
[72] MOUSTAFAEV, DJABBAR, US  
[71] TILIA INTERNATIONAL, INC., US  
[85] 2004-10-19  
[86] 2003-04-18 (PCT/US2003/012107)  
[87] 2003-10-30 (WO2003/089327)  
[30] US (60/374,085) 2002-04-19  
[30] US (10/174,267) 2002-06-18

**[21] 2,482,976**  
[13] A1

[51] Int.Cl. 7H02M 1/00  
[25] EN  
[54] CIRCUIT ARRANGEMENT WITH POWER FACTOR CORRECTION, AND CORRESPONDING APPLIANCE  
[54] CIRCUIT AVEC CORRECTION DU FACTEUR DE PISSION, ET APPAREIL CORRESPONDANT  
[72] LOUVEL, JEAN-PAUL, DE  
[72] STOLTE, JOHN F., DE  
[72] HERMANN, WOLFGANG, DE  
[71] THOMSON LICENSING S.A., FR  
[85] 2004-10-19  
[86] 2003-04-12 (PCT/EP2003/003826)  
[87] 2003-10-30 (WO2003/090335)  
[30] DE (102 17 951.4) 2002-04-22

**[21] 2,482,978**  
[13] A1

[51] Int.Cl. 7A63H 3/26 7A63H 3/24  
7A63H 3/46  
[25] EN  
[54] TOY FIGURE, PARTICULARLY FUNCTIONAL DOLL  
[54] JOUET, EN PARTICULIER POUPEE A FONCTIONS  
[72] MAAR, LIENHARD, DE  
[71] ZAPF CREATION AG, DE  
[85] 2004-10-19  
[86] 2003-04-10 (PCT/EP2003/003728)  
[87] 2003-10-30 (WO2003/089094)  
[30] DE (102 17 486.5) 2002-04-19

**[21] 2,482,979**  
[13] A1

[51] Int.Cl. 7G01N 15/02  
[25] EN  
[54] OPTICAL DETECTION AND ANALYSIS OF PARTICLES  
[54] DETECTION ET ANALYSE OPTIQUE DE PARTICULES  
[72] CARR, ROBERT JEFFREY GEDDES, GB  
[71] CARR, ROBERT JEFFREY GEDDES, GB  
[85] 2004-10-19  
[86] 2003-04-29 (PCT/GB2003/001827)  
[87] 2003-11-13 (WO2003/093801)  
[30] GB (0209666.7) 2002-04-29

**[21] 2,482,980**  
[13] A1

[51] Int.Cl. 7H04B 1/58 7H04M 1/00  
[25] EN  
[54] SYSTEM AND METHOD FOR MANAGING WIRELESS DEVICES IN AN ENTERPRISE  
[54] SYSTEME ET PROCEDE POUR LA GESTION DE DISPOSITIFS RADIO DANS UNE ENTREPRISE  
[72] SABOROWSKI, RALF, US  
[72] SRINIVAS, DAVANUM, US  
[72] VAN DE GROENENDAAL, JOHAN, US  
[72] FRY, MICHAEL, US  
[72] ZALEWSKI, ANDRZEJ, US  
[72] JAIN, SANDEEP, US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2004-10-19  
[86] 2003-04-21 (PCT/US2003/012321)  
[87] 2003-10-30 (WO2003/090371)  
[30] US (60/373,787) 2002-04-19

**[21] 2,482,981**  
[13] A1

[51] Int.Cl. 7B23D 45/16 7B28D 1/04  
7B26D 1/12 7B26D 7/26  
[25] EN  
[54] STABILIZING COLLAR FOR A CONCRETE SAW BLADE  
[54] COLLIER DE STABILISATION DESTINE A UNE LAME DE SCIE A BETON  
[72] VIDMOR, DAVID L., US  
[71] VIDMOR, DAVID L., US  
[85] 2004-10-19  
[86] 2003-04-23 (PCT/US2003/012647)  
[87] 2003-11-06 (WO2003/090960)  
[30] US (10/127,493) 2002-04-23

## Demandes PCT entrant en phase nationale

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[21] 2,482,982  
[13] A1

[51] Int.Cl. 7H04Q 7/00  
[25] EN  
[54] MEDIA SYSTEM, USER TERMINAL AND METHOD OF PROVIDING CONTENT ITEMS RELATING TO BROADCAST MEDIA STREAM  
[54] SYSTEME MEDIA, TERMINAL UTILISATEUR ET PROCEDE POUR FOURNIR DES ELEMENTS DE CONTENU RELATIFS A UN FLUX MEDIA DE DIFFUSION  
[72] MAKIPAA, MIKKO, FI  
[72] KOPRA, TONI, FI  
[72] ANTTILA, AKSELI, FI  
[71] NOKIA CORPORATION, FI  
[85] 2004-10-19  
[86] 2003-04-14 (PCT/FI2003/000289)  
[87] 2003-10-30 (WO2003/090483)  
[30] US (10/126,623) 2002-04-22  
[30] IB (PCT/IB02/02537) 2002-07-01  
[30] US (10/319,475) 2002-12-16

[21] 2,482,983  
[13] A1

[51] Int.Cl. 7B65D 83/14 7B65D 83/16  
[25] EN  
[54] CONTAINER FOR A SUBSTANCE TO BE SPRAYED, CAP FOR SUCH CONTAINER AND METHOD FOR MANUFACTURING SUCH CONTAINER  
[54] CONTENANT DESTINE A UNE SUBSTANCE A PULVERISER, CAPUCHON POUR L'EDIT CONTENANT ET PROCEDE DE FABRICATION DUDIT CONTENANT  
[72] ZIGMANS, JOHANNES ANTONIUS GERARDUS WILHELMUS, NL  
[71] SARA LEE/DE N.V., NL  
[85] 2004-10-19  
[86] 2003-04-17 (PCT/NL2003/000291)  
[87] 2003-10-30 (WO2003/089335)  
[30] EP (02076601.0) 2002-04-22

[21] 2,482,984  
[13] A1

[51] Int.Cl. 7B21D 51/38 7B65D 8/20  
[25] EN  
[54] CAN END  
[54] EXTREMITE DE CANETTE  
[72] LOCKLEY, ANDREW ROBERT, GB  
[72] FIELDS, BRIAN, US  
[72] WATSON, MARTIN, GB  
[71] CROWN PACKAGING TECHNOLOGY, INC., US  
[85] 2004-10-19  
[86] 2003-04-10 (PCT/EP2003/003716)  
[87] 2003-10-30 (WO2003/089167)  
[30] EP (02252800.4) 2002-04-22

[21] 2,482,985  
[13] A1

[51] Int.Cl. 7B65D 1/32 7B65D 83/00  
7B65D 23/08  
[25] EN  
[54] CONTAINERS COMPRISING AT LEAST ONE LABEL MADE OF AN ELASTOMERIC MATERIAL ADHERED TO A WALL

[54] RECIPIENTS COMPORTANT AU MOINS UNE ETIQUETTE REALISEE EN ELASTOMERE APPOSEE A UNE PAROI  
[72] SMITH, CHRISTOPHER LAWRENCE, US  
[72] HUSBAND, PETER ANTHONY, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-10-19  
[86] 2003-04-24 (PCT/US2003/012877)  
[87] 2003-11-06 (WO2003/091118)  
[30] GB (0209510.7) 2002-04-26

[21] 2,482,986  
[13] A1

[51] Int.Cl. 7C07D 311/16 7A61K 31/352  
[25] EN  
[54] BENZOPYRANONE COMPOUNDS, COMPOSITIONS THEREOF, AND METHODS OF TREATMENT THEREWITH  
[54] COMPOSES BENZOPYRANONE, COMPOSITIONS CONTENANT CES COMPOSES ET METHODES DE TRAITEMENT ASSOCIEES  
[72] RENAUD, JOHANNE, CH  
[72] MISSBACH, MARTIN, CH  
[72] MCKIE, JEFFREY A., US  
[72] BHAGWAT, SHRIPAD S., US  
[71] SIGNAL PHARMACEUTICALS, INC., US  
[71] NOVARTIS AG, CH  
[85] 2004-10-19  
[86] 2003-04-18 (PCT/US2003/012283)  
[87] 2003-10-30 (WO2003/089422)  
[30] US (10/125,965) 2002-04-19  
[30] US (10/412,997) 2003-04-14

[21] 2,482,988  
[13] A1

[51] Int.Cl. 7F16H 55/08  
[25] EN  
[54] GEAR TOOTH PROFILE  
[54] PROFIL DE DENT DE PIGNON  
[72] COLBOURNE, JOHN R., CA  
[71] GENESIS PARTNERS, L.P., US  
[85] 2004-10-19  
[86] 2003-04-21 (PCT/US2003/012170)  
[87] 2003-10-30 (WO2003/089174)  
[30] US (60/374,655) 2002-04-22

[21] 2,482,989  
[13] A1

[51] Int.Cl. 7A23G 3/00 7A23G 3/30  
[25] EN  
[54] SUGAR-FREE HARD COATINGS PREPARED FROM LIQUID MALTITOL COMPRISING DP4+ FRACTION  
[54] REVETEMENTS DURS EXEMPTS DE SUCRE PREPARES A PARTIR DE MALTITOL LIQUIDE CONTENANT UNE FRACTION DE DP4+  
[72] STOUFFS, ROBERT HENRI-MARCEL, IT  
[72] DE MEUTER, PASCALE ADOLPHINE EMILIEENNE, BE  
[72] GONZE, MICHEL HENRI ANDRE, BE  
[71] CERESTAR HOLDING B.V., NL  
[85] 2004-10-19  
[86] 2003-04-25 (PCT/EP2003/004354)  
[87] 2003-11-13 (WO2003/092400)  
[30] GB (0209671.7) 2002-04-27

## PCT Applications Entering the National Phase

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[21] 2,482,990  
[13] A1

[51] Int.Cl. 7H01M 8/00  
[25] EN  
[54] HYDROGEN PRODUCTION AND WATER RECOVERY SYSTEM FOR A FUEL CELL  
[54] SYSTEME DE PRODUCTION D'HYDROGÈNE ET DE RECUPERATION DE L'EAU DANS UNE PILE A COMBUSTIBLE  
[72] JOOS, NATHANIEL IAN, CA  
[72] FRANK, DAVID, CA  
[72] RUSTA-SALLEHY, ALI, CA  
[71] HYDROGENICS CORPORATION, CA  
[85] 2004-10-19  
[86] 2003-04-24 (PCT/CA2003/000599)  
[87] 2003-11-13 (WO2003/094263)  
[30] US (10/135,518) 2002-05-01

[21] 2,483,004  
[13] A1

[51] Int.Cl. 7C08F 2/50 7C09D 4/00 7G03F 7/031  
[25] EN  
[54] INCORPORABLE PHOTONINITIATOR  
[54] PHOTO-INITIATEUR INCORPORABLE  
[72] PETER, WOLFGANG, DE  
[72] HUSLER, RINALDO, CH  
[72] SOMMERLADE, REINHARD H., DE  
[72] BOULMAAZ, SÔUAD, CH  
[72] WOLF, JEAN-PIERRE, CH  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2004-10-19  
[86] 2003-04-17 (PCT/EP2003/004035)  
[87] 2003-11-06 (WO2003/091287)  
[30] CH (2002 0717/02) 2002-04-26

[21] 2,483,005  
[13] A1

[51] Int.Cl. 7A61K 45/06 7A61P 5/00 7A61K 31/155 7A61K 38/27 7A61P 5/50  
[25] EN  
[54] TREATMENT OF METABOLIC SYNDROME  
[54] TRAITEMENT DU SYNDROME METABOLIQUE  
[72] SALLER, BERNHARD, DE  
[71] PFIZER HEALTH AB, SE  
[85] 2004-10-19  
[86] 2003-04-24 (PCT/EP2003/004357)  
[87] 2003-11-06 (WO2003/090784)  
[30] GB (0209642.8) 2002-04-26  
[30] GB (0218912.4) 2002-08-14

[21] 2,483,008  
[13] A1

[51] Int.Cl. 7B01D 35/30 7B01D 61/08 7B01D 63/10  
[25] EN  
[54] FILTER CARTRIDGE ASSEMBLY WITH BRINE SEAL AND RETAINING RING  
[54] ENSEMBLE CARTOUCHE FILTRANTE A JOINT POUR SAUMURE ET BAGUE DE RETENUE  
[72] GUNDRUM, ROBERT R., US  
[72] JULICH, JEFFREY J., US  
[71] CULLIGAN INTERNATIONAL COMPANY, US  
[85] 2004-10-19  
[86] 2003-04-23 (PCT/US2003/012501)  
[87] 2003-11-06 (WO2003/090898)  
[30] US (10/127,914) 2002-04-23

[21] 2,483,010  
[13] A1

[51] Int.Cl. 7C12N 15/85 7A01N 65/00 7C12N 15/86  
[25] EN  
[54] PLACENTAL DERIVED STEM CELLS AND USES THEREOF  
[54] CELLULES SOUCHES PLACENTAIRES ET UTILISATIONS  
[72] MIKI, TOSHIO, US  
[72] STROM, STEPHEN C., US  
[71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 2004-10-19  
[86] 2003-04-21 (PCT/US2003/012554)  
[87] 2003-10-30 (WO2003/089619)  
[30] US (60/374,172) 2002-04-19

[21] 2,483,142  
[13] A1

[51] Int.Cl. 7A01N 37/18 7A61K 38/00  
[25] EN  
[54] USE OF VEGF FOR TREATING BONE DEFECTS  
[54] UTILISATION DE VEGF POUR TRAITER DES DÉFAUTS OSSEUX  
[72] BUNTING, STUART, US  
[72] GOSSELIN, RICHARD ANDRE, US  
[72] CARANO, RICHARD, US  
[72] PEALE FRANKLIN V., JR., US  
[72] FILVAROFF, ELLEN HOPE, US  
[71] GENENTECH, INC., US  
[85] 2004-10-18  
[86] 2003-05-06 (PCT/US2003/014090)  
[87] 2003-11-20 (WO2003/094617)  
[30] US (60/378,275) 2002-05-06

[21] 2,483,143  
[13] A1

[51] Int.Cl. 7A61B 5/107 7A61B 17/34  
[25] EN  
[54] STOMA MEASURING DEVICE  
[54] DISPOSITIF DE MESURE D'UNE STOMIE  
[72] MEIER, KEVIN C., US  
[71] SHERWOOD SERVICES AG, CH  
[85] 2004-10-18  
[86] 2003-05-06 (PCT/US2003/014227)  
[87] 2003-11-20 (WO2003/094730)  
[30] US (10/141,091) 2002-05-08

## Demandes PCT entrant en phase nationale

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**[21] 2,483,144**

[13] A1

- [51] Int.Cl. 7C12N 5/00 7C12Q 1/37  
7C07K 14/435 7G01N 33/542 7G01N 33/58  
7G01N 33/68
- [25] EN
- [54] TRANSLOCATION DEPENDENT COMPLEMENTATION FOR DRUG SCREENING
- [54] COMPLEMENTATION DEPENDANTE DE LA TRANSLOCATION POUR LE CRIBLAGE DE MEDICAMENTS
- [72] HAGEL, GRITH, DK
- [72] PRAESTEGAARD, MORTEN, DK
- [72] NIELSEN, SOREN JENSBY, DK
- [72] TERRY, BERNARD ROBERT, DK
- [72] DAHL, SOREN WEIS, DK
- [71] BIOIMAGE A/S, DK
- [85] 2004-10-18
- [86] 2003-04-22 (PCT/DK2003/000266)
- [87] 2003-10-30 (WO2003/089627)
- [30] DK (PA 2002 00591) 2002-04-19
- [30] DK (PA 2002 00896) 2002-06-13
- [30] DK (PA 2002 01029) 2002-07-01
- [30] DK (PCT/DK02/00882) 2002-12-19

**[21] 2,483,145**

[13] A1

- [51] Int.Cl. 7C12N 15/82
- [25] EN
- [54] TRANSGENIC PLANTS WITH CONTROLLED DISTRIBUTION OF A TRAIT TO PROGENY
- [54] PLANTES TRANSGENIQUES A CARACTERE DISTRIBUE DE FACON MAITRISEE A LA DESCENDANCE
- [72] WERNER, STEFAN, DE
- [72] ICON GENETICS INC., US
- [72] GIRITCH, ANATOLY, DE
- [72] GLEBA, YURI, DE
- [72] KLIMYUK, VICTOR, DE
- [72] ELIBY, SERIK, DE
- [72] MARILLONNET, SYLVESTRE, DE
- [71] ICON GENETICS AG, DE
- [71] CON GENETICS, INC., US
- [85] 2004-10-18
- [86] 2003-03-21 (PCT/EP2003/002986)
- [87] 2003-12-11 (WO2003/102197)
- [30] DE (102 24 214.3) 2002-05-31
- [30] DE (102 24 980.6) 2002-06-05

**[21] 2,483,277**

[13] A1

- [51] Int.Cl. 7C11D 3/00 7C11D 3/20  
7C11D 1/38 7C11D 1/62 7C11D 1/645  
7C11D 1/65 7C11D 1/835 7C11D 1/86  
7C11D 1/94
- [25] EN
- [54] HARD SURFACE CLEANING AND DISINFECTION COMPOSITIONS
- [54] COMPOSITIONS POUR NETTOYER ET DESINFECTER DES SURFACES DURES
- [72] SMIALOWICZ, DENNIS THOMAS, US
- [72] CHEUNG, TAK WAI, US
- [71] RECKITT BENCKISER INC., US
- [85] 2004-10-18
- [86] 2003-04-23 (PCT/GB2003/001727)
- [87] 2003-11-06 (WO2003/091373)
- [30] GB (0209225.2) 2002-04-23

**[21] 2,484,086**

[13] A1

- [51] Int.Cl. 7A61B 17/04
- [25] EN
- [54] REMOVABLE ANCHORED LUNG VOLUME REDUCTION DEVICES AND METHODS
- [54] DISPOSITIFS ANCRES DE REDUCTION DU VOLUME PULMONAIRE, DE TYPE AMOVIBLE, ET PROCEDES CORRESPONDANTS
- [72] DEVORE, LAURI J., US
- [71] SPIRATION, INC., US
- [85] 2004-10-15
- [86] 2003-04-16 (PCT/US2003/011974)
- [87] 2003-10-30 (WO2003/088912)
- [30] US (10/124,790) 2002-04-16

**[21] 2,484,089**

[13] A1

- [51] Int.Cl. 7A61P 11/08 7A61K 31/21  
7A61K 38/22 7A61K 31/295 7A61K 31/44  
7A61K 31/495 7A61K 31/50 7A61K 31/535
- [25] EN
- [54] NOVEL USE OF GUANYLATE CYCLASE ACTIVATORS FOR THE TREATMENT OF RESPIRATORY INSUFFICIENCY
- [54] NOUVELLE UTILISATION D'ACTIVATEURS DE LA GUANYLATE CYCLASE POUR LE TRAITEMENT D'INSUFFISANCE RESPIRATOIRE
- [72] GRIMMINGER, FRIEDRICH JOSEF, DE
- [72] SCHUDT, CHRISTIAN, DE
- [72] SCHERMULY, RALPH, DE
- [71] ALTANA PHARMA AG, DE
- [85] 2004-10-15
- [86] 2003-04-24 (PCT/EP2003/004243)
- [87] 2003-11-06 (WO2003/090870)
- [30] EP (02009552.7) 2002-04-26

**[21] 2,484,090**

[13] A1

- [51] Int.Cl. 7C07D 471/14 7C07D 221/00  
7C07D 235/00 7C07D 311/00 7A61P 1/00  
7C07D 491/14 7A61K 31/436 7A61K 31/437
- [25] EN
- [54] NITROSATED IMIDAZOPYRIDINES
- [54] IMIDAZOPYRIDINES NITROSEES
- [72] BUHR, WILM, DE
- [72] POSTIUS, STEFAN, DE
- [72] SIMON, WOLFGANG-ALEXANDER, DE
- [72] SENN-BILFINGER, JORG, DE
- [72] KROMER, WOLFGANG, DE
- [72] ZIMMERMANN, PETER, JAN, DE
- [72] HANAUER, GUIDO, DE
- [71] ALTANA PHARMA AG, DE
- [85] 2004-10-15
- [86] 2003-04-22 (PCT/EP2003/004134)
- [87] 2003-11-06 (WO2003/091253)
- [30] EP (02009104.7) 2002-04-24

## PCT Applications Entering the National Phase

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**[21] 2,484,097**  
[13] A1

[51] Int.Cl. 7G01N 33/86  
[25] EN  
[54] METHOD AND DEVICE FOR MEASUREMENT OF HEMATOCRIT  
[54] METHODE ET DISPOSITIF DE MESURE DE L'HEMATOCRITE  
[72] MAGGIORE, JACK A., US  
[72] GRZEDA, BARBARA R., US  
[71] BIOSAFE MEDICAL TECNOLOGIES, INC., US  
[85] 2004-10-15  
[86] 2003-04-17 (PCT/US2003/012002)  
[87] 2003-10-30 (WO2003/089938)  
[30] US (60/373,303) 2002-04-17

**[21] 2,484,388**  
[13] A1

[51] Int.Cl. 7E21D 9/10 7E21C 27/12  
7E21C 25/16 7E21C 27/24  
[25] EN  
[54] OSCILLATING DISC CUTTER WITH SPEED CONTROLLING BEARINGS  
[54] HAVEUSE A DISQUE OSCILLANT A PALIERS DE REGULATION DE VITESSE  
[72] SUGDEN, DAVID BURNET, AU  
[71] ODYSSEY TECHNOLOGY PTY LTD, AU  
[85] 2004-10-18  
[86] 2003-04-22 (PCT/AU2003/000473)  
[87] 2003-10-30 (WO2003/089762)  
[30] AU (PS 1868) 2002-04-22

**[21] 2,484,392**  
[13] A1

[51] Int.Cl. 7B32B 27/12 7C08J 5/18  
[25] EN  
[54] PROCESS FOR PREPARING HIGH-STRENGTH PE TARPAULIN  
[54] PROCEDE DE PREPARATION D'UNE BACHE EN POLYETHYLENE HAUTE RESISTANCE  
[72] KI, YUNG-SANG, KR  
[71] KI, YUNG-SANG, KR  
[85] 2004-10-18  
[86] 2003-04-22 (PCT/KR2003/000817)  
[87] 2003-10-30 (WO2003/089241)  
[30] KR (10-2002-21850) 2002-04-22

**[21] 2,484,394**  
[13] A1

[51] Int.Cl. 7E21C 25/16 7E21D 9/10  
7E21C 27/12 7E21C 25/18 7E21C 27/22  
[25] EN  
[54] ROCK CUTTING MACHINE  
[54] MACHINE DE COUPE DE PIERRE  
[72] SHIVAKUMAR, KARAKEL, AU  
[72] SUGDEN, DAVID BURNET, AU  
[72] CARNAVAS, PAUL, AU  
[71] ODYSSEY TECHNOLOGY PTY LTD, AU  
[85] 2004-10-18  
[86] 2003-04-22 (PCT/AU2003/000474)  
[87] 2003-10-30 (WO2003/089761)  
[30] AU (PS 1869) 2002-04-22

**[21] 2,484,395**  
[13] A1

[51] Int.Cl. 7C07D 498/08 7A61P 35/00  
7C07D 451/02 7C07D 471/08 7C07D 487/  
08 7C07D 493/08 7C07D 405/14 7A61K 31/  
4709 7A61K 31/519  
[25] EN  
[54] BICYCLIC HETEROCYCLES, MEDICAMENTS CONTAINING THESE COMPOUNDS, THEIR USE, AND METHOD FOR THE PRODUCTION THEREOF  
[54] HETEROCYCLES BICYCLIQUES, MEDICAMENTS CONTENANT CES COMPOSES, LEUR UTILISATION ET LEUR PROCEDE DE PRODUCTION  
[72] HIMMELSBACH, FRANK, DE  
[72] SOLCA, FLAVIO, AT  
[72] JUNG, BIRGIT, DE  
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE  
[85] 2004-10-18  
[86] 2003-04-14 (PCT/EP2003/003828)  
[87] 2003-10-30 (WO2003/089439)  
[30] DE (102 17 689.2) 2002-04-19

**[21] 2,484,398**  
[13] A1

[51] Int.Cl. 7A61K 35/76 7A61K 31/00  
7A61P 29/00 7A61P 35/00 7A61P 25/04  
[25] EN  
[54] METHOD FOR REDUCING PAIN USING ONCOLYTIC VIRUSES  
[54] PROCEDE POUR SOULAGER LA DOULEUR EN UTILISANT DES VIRUS ONCOLYTIQUES  
[72] THOMPSON, BRADLEY G., CA  
[72] COFFEY, MATTHEW C., CA  
[72] MORRIS, DONALD, CA  
[71] ONCOLYTICS BIOTECH, INC., CA  
[85] 2004-10-18  
[86] 2003-05-07 (PCT/CA2003/000674)  
[87] 2003-11-20 (WO2003/094938)  
[30] US (60/378,675) 2002-05-09  
[30] US (60/443,177) 2003-01-29

**[21] 2,484,418**  
[13] A1

[51] Int.Cl. 7E21B 43/08  
[25] EN  
[54] WELL COMPLETION WITH MERGED INFLUX OF WELL FLUIDS  
[54] COMPLETION DE TROU DE FORAGE A FLUX MELANGE DE FLUIDES  
[72] VALENTI, NICHOLAS P., DK  
[72] VALENTI, RICHARD M., US  
[71] VALENTI, NICHOLAS P., DK  
[71] VALENTI, RICHARD M., US  
[85] 2004-10-18  
[86] 2003-04-17 (PCT/US2003/011928)  
[87] 2003-10-30 (WO2003/089752)  
[30] US (60/373,700) 2002-04-18  
[30] US (60/373,701) 2002-04-18  
[30] US (60/377,344) 2002-05-02

**[21] 2,484,421**  
[13] A1

[51] Int.Cl. 7D21F 1/10  
[25] EN  
[54] PAPER MACHINE FABRIC  
[54] TOILE DE MACHINE A PAPIER  
[72] RAUTIO, TANIA, FI  
[72] TAIPALE, SEppo, FI  
[72] TURPEINEN, TERTTU, FI  
[72] KORTELAINEN, PEKKA, FI  
[71] TAMFELT OYJ ABP, FI  
[85] 2004-10-18  
[86] 2003-05-02 (PCT/FI2003/000346)  
[87] 2003-11-13 (WO2003/093573)  
[30] FI (20020856) 2002-05-06

## Demandes PCT entrant en phase nationale

[21] 2,484,424  
[13] A1

[51] Int.Cl. 7A61K 9/70  
[25] EN  
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[54] COMPOSITIONS A BASE DE MOUSSE D'ALGINATE  
[72] SCHERR, GEORGE H., US  
[71] SCHERR, GEORGE H., US  
[85] 2004-10-18  
[86] 2003-02-18 (PCT/US2003/004992)  
[87] 2004-09-02 (WO2004/073697)

[21] 2,484,428  
[13] A1

[51] Int.Cl. 7B01D 39/14 7B01D 46/00  
[25] EN  
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[54] PROCEDE DE FILTRAGE DE CONTAMINANTS PERNICIEUX NON GAZEUX DE L'AIR ET DE GAZ NON TOXIQUES  
[72] ALPER, HAL, US  
[71] ALPER, HAL, US  
[85] 2004-10-18  
[86] 2003-04-05 (PCT/US2003/012653)  
[87] 2004-06-24 (WO2004/052499)  
[30] US (60/373,666) 2002-04-18  
[30] US (60/457,957) 2003-03-27

[21] 2,484,430  
[13] A1

[51] Int.Cl. 7C09B 62/25 7C09B 62/03  
7C09B 62/41 7C09B 62/513  
[25] EN  
**FIBRE-REACTIVE AZO DYES, PREPARATION THEREOF AND USE THEREOF**  
[54] COLORANTS AZOIQUES REAGISSANT AVEC DES FIBRES, LEUR PRODUCTION ET LEUR UTILISATION  
[72] EICHORN, JOACHIM, DE  
[71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG, DE  
[85] 2004-10-18  
[86] 2003-04-15 (PCT/EP2003/003889)  
[87] 2003-10-30 (WO2003/089521)  
[30] DE (102 17 477.6) 2002-04-19

[21] 2,484,448  
[13] A1

[51] Int.Cl. 7C09G 1/02 7A61C 3/025  
7A61C 15/04 7C09K 3/14 7A61K 7/16  
7A61K 7/30  
[25] EN  
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[54] COMPOSITION ET PROCEDE DE POLISSAGE  
[72] ROULSTON, JOHN S., US  
[72] KLEIN, DEAN, US  
[71] ADVANCED MINERALS CORPORATION, US  
[85] 2004-10-18  
[86] 2003-04-24 (PCT/US2003/014393)  
[87] 2003-11-06 (WO2003/091351)  
[30] US (60/375,738) 2002-04-25  
[30] US (10/133,694) 2002-04-25

[21] 2,484,451  
[13] A1

[51] Int.Cl. 7C07C 217/62 7A61K 31/13  
7A61K 31/275 7A61P 5/44 7C07C 255/58  
7C07C 255/59 7C07D 307/81  
[25] EN  
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[54] COMPOSES MIMETIQUES DE GLUCOCORTICOIDE, LEURS PROCEDES DE FABRICATION, COMPOSITIONS PHARMACEUTIQUES, ET LEURS UTILISATIONS  
[72] KUZMICH, DANIEL, US  
[72] THOMSON, DAVID, US  
[72] KIRRANE, THOMAS M., US  
[72] PROUDFOOT, JOHN ROBERT, US  
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US  
[85] 2004-10-18  
[86] 2003-05-29 (PCT/US2003/016979)  
[87] 2003-12-11 (WO2003/101932)  
[30] US (60/384,071) 2002-05-29

[21] 2,484,457  
[13] A1

[51] Int.Cl. 7C09D 5/08 7C09D 5/10  
7C08K 5/17 7B23K 35/22 7C09D 5/24  
[25] EN  
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[54] MELANGE DESTINE A L'APPLICATION D'UN REVETEMENT POLYMER FIN RESISTANT A LA CORROSION, POUVANT ETRE FACONNE SANS USURE, ET PROCEDE DE FABRICATION DE CE REVETEMENT  
[72] GROS, GEORG, DE  
[71] GROS, GEORG, DE  
[71] CHEMETALL GMBH, DE  
[85] 2004-10-18  
[86] 2003-04-17 (PCT/EP2003/004055)  
[87] 2003-10-30 (WO2003/089529)  
[30] DE (102 17 624.8) 2002-04-20  
[30] DE (102 47 691.8) 2002-10-12  
[30] DE (102 56 286.5) 2002-12-03

[21] 2,484,460  
[13] A1

[51] Int.Cl. 7C07D 401/04 7A61P 37/00  
7C07D 235/14 7A61K 31/445 7C07D 211/62  
[25] EN  
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[72] ORJALES VENERO, AURELIO, ES  
[72] BORDELL MARTIN, MARAVILLAS, ES  
[72] LUCERO DE PABLO, MARIA LUISA, ES  
[72] CANAL MORI, GONZALO, ES  
[72] BLANCO FUENTE, HAYDEE, ES  
[72] MOSQUERA PESTANA, RAMON, ES  
[72] RUBIO ROYO, VICTOR, ES  
[71] FAES FARMA, S.A., ES  
[85] 2004-10-18  
[86] 2002-04-19 (PCT/ES2002/000194)  
[87] 2003-10-30 (WO2003/089425)

## PCT Applications Entering the National Phase

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[21] 2,484,530

[13] A1

[51] Int.Cl. 7C07C 69/96 7C07C 68/02

[25] EN

[54] 3-SUBSTITUTED OXYGLUTARIC  
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[72] SAKATA, KAZUMA, JP

[72] KONEGAWA, TADAYOSHI, JP

[72] MIYATA, HIROYUKI, JP

[72] YAMAMOTO, YASUHITO, JP

[71] UBE INDUSTRIES, LTD., JP

[85] 2004-10-18

[86] 2003-04-18 (PCT/JP2003/004962)

[87] 2003-10-30 (WO2003/089401)

[30] JP (2002-117285) 2002-04-19

[30] JP (2002-117286) 2002-04-19

# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[21] 2,480,183  
[13] A1

[51] Int.Cl. 7H05B 6/36  
[25] EN  
[54] INDUCTION HARDENING APPARATUS FOR A CRANKSHAFT  
[54] APPAREIL DE TREMPE PAR INDUCTION DE VILEBREQUIN  
[72] GIBBS, SPENCER L., US  
[72] STEWART, MAX E., US  
[72] STORM, JOHN M., US  
[71] CONTOUR HARDENING, INC., US  
[22] 1998-10-28  
[41] 1999-05-06  
[62] 2,313,470  
[30] US (08/959,799) 1997-10-29  
[30] US (09/148,478) 1998-09-08

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[21] 2,481,101  
[13] A1

[51] Int.Cl. 7A01K 5/00 7A01K 1/00  
[25] EN  
[54] PORTABLE DEVICE FOR FEEDING ANIMALS  
[54] DISPOSITIF PORTATIF POUR NOURRIR LES ANIMAUX  
[72] WECHSLER, LAWRENCE I., US  
[71] WECHSLER, LAWRENCE I., US  
[22] 1996-06-06  
[41] 1996-12-19  
[62] 2,223,836  
[30] US (08/484,679) 1995-06-07

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[21] 2,484,270  
[13] A1

[51] Int.Cl. 7A61K 38/16 7A61K 7/00  
7A61K 7/02  
[25] EN  
[54] COSMETIC USE OF BOTULINUM TOXIN FOR TREATMENT OF DOWNTURNED MOUTH  
[54] UTILISATION COSMETIQUE DE TOXINE BOTULINIQUE POUR LE TRAITEMENT D'UNE BOUCHE ARQUEE VERS LE BAS  
[72] CARRUTHERS, JEAN D. A., CA  
[72] CARRUTHERS, ALASTAIR, CA  
[71] CARRUTHERS, JEAN D. A., CA  
[71] CARRUTHERS, ALASTAIR, CA  
[22] 1999-08-20  
[41] 2001-02-20  
[62] 2,280,565

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[21] 2,484,826  
[13] A1

[51] Int.Cl. 7A61F 2/06  
[25] EN  
[54] STENT WITH COLLAGEN  
[54] EXTENSEUR AU COLLAGENE  
[72] BURMEISTER, PAUL H., US  
[72] BURGE, ANDREW W., US  
[72] BUSCEMI, PAUL J., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[22] 1995-04-26  
[41] 1995-11-09  
[62] 2,188,563  
[30] US (08/235,300) 1994-04-29  
[30] US (08/350,223) 1994-12-06

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[21] 2,484,847  
[13] A1

[51] Int.Cl. 7H04B 7/00 7H04B 7/216  
7H04Q 7/36  
[25] EN  
[54] BASE STATION APPARATUS OF MOBILE COMMUNICATION SYSTEM  
[54] STATION DE BASE DE SYSTEME DE COMMUNICATIONS MOBILES  
[72] ONOE, SEIZO, JP  
[72] OHNO, KOJI, JP  
[72] HIGASHI, AKIHIRO, JP  
[72] NAKAMURA, TAKEHIRO, JP  
[72] NAKANO, ETSUHIRO, JP  
[72] HAGIWARA, JUNICHIRO, JP  
[72] TAMURA, MOTOSHI, JP  
[72] MORIKAWA, HIROKI, JP  
[72] KAWAKAMI, HIROSHI, JP  
[72] NAKANO, MASATOMO, JP  
[71] NTT MOBILE COMMUNICATIONS NETWORK INC., JP  
[22] 1998-04-17  
[41] 1998-10-22  
[62] 2,424,556  
[30] JP (JP 116,192/1997) 1997-04-17

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[21] 2,484,853  
[13] A1

[51] Int.Cl. 7A61B 18/12 7A61B 5/053  
[25] EN  
[54] DEFLECTABLE INTERSTITIAL ABLATION DEVICE  
[54] DISPOSITIF D'ABLATION INTERSTITIEL ORIENTABLE  
[72] PADDOCK, KIMBERLY A., US  
[72] MAYBERRY, JAMES E., US  
[72] LENNOX, CHARLES D., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[22] 1998-09-25  
[41] 1999-04-08  
[62] 2,304,739  
[30] US (08/940,519) 1997-09-30

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DECRAIM, JEAN-MARIE	2,469,535	GENERAL ELECTRIC COMPANY	2,454,024	HAND, JAMES R.	2,467,619
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DEPUY MITEK, INC.	2,472,656	GENERAL ELECTRIC COMPANY	2,464,563	HARLEY, JAMES	2,472,691
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NORTEL NETWORKS LIMITED	2,472,691	REILLY, JOHN J.	2,459,963	SHORTLIFFE, GLEN	2,433,957
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SHIVAKUMAR, KARAKEL	2,484,394	VALENTA, RUDOLF	2,482,973		
SIGNAL PHARMACEUTICALS, INC.	2,482,986	VALENTI, NICHOLAS P.	2,484,418		
SIMON, WOLFGANG- ALEXANDER	2,484,090	VALENTI, RICHARD M.	2,484,418		
SIMONSEN, PER SJORUP	2,482,962	VAN DE GROENENDAAL,			
SMIALOWICZ, DENNIS THOMAS	2,483,277	JOHAN	2,482,980		
SMITH, CHRISTOPHER LAWRENCE	2,482,985	VAN HAGE-HAMSTEN,			
SMITHSON, GLENNDAA	2,479,732	MARIANNE	2,482,973		
SMITHSON, GLENNDAA	2,480,450	VASTVEIT, KJELL	2,482,954		
SOLCA, FLAVIO	2,484,395	VECTOR PRODUCTS, INC.	2,482,668		
SOMMERLADE, REINHARD H.	2,483,004	VERNET, CORINE A. M.	2,480,450		
SONG, SUN UK	2,480,554	VIDMOR, DAVID L.	2,482,981		
SOUNIX, JAMES R.	2,482,901	VIGHOLM, BO	2,482,892		
SPIRATION, INC.	2,484,086	VOLVO CONSTRUCTION			
SRINIVAS, DAVANUM	2,482,980	EQUIPMENT HOLDING			
STARLING, GARY	2,479,732	SWEDEN AB	2,482,892		
STERN, DONALD A.	2,482,894	VOSS, EDWARD Z.	2,480,450		
STERN, DONALD A.	2,482,896	VRBANAC, MICHAEL D.	2,482,554		
STOLTE, JOHN F.	2,482,976	VRBANAC, MICHAEL D.	2,482,556		
STONE, DAVID J.	2,480,450	VRTALA, SUSANNE	2,482,973		
STOUFFS, ROBERT HENRI- MARCEL	2,482,989	WANG, XIAOBO	2,479,891		
STRANDBERG, LENNART	2,482,892	WARD, JONATHAN W.	2,483,009		
STROM, STEPHEN C.	2,483,010	WATANABE, JUNKO	2,480,564		
SUGDEN, DAVID BURNET	2,484,388	WATANABE, KAZUO	2,480,564		
SUGDEN, DAVID BURNET	2,484,394	WATSON, MARTIN	2,482,984		
SUTTIE, JANET LOUISE	2,480,642	WEBER, DAVID J.	2,480,194		
SWARUP, SHANTI	2,482,898	WEEKS, J. TROY	2,479,739		
SYNGENTA PARCIPATIONS AG	2,480,642	WELLINGS, DONALD ALFRED	2,482,945		
TAIPALE, SEppo	2,484,421	WENGER, ROLAND H.	2,482,972		
TAMFELT OYJ ABP	2,484,421	WERNER, STEFAN	2,483,145		
TAO, GUO LIANG	2,479,891	WESCOTT, CHARLES R.	2,479,750		
TERRY, BERNARD ROBERT	2,483,144	WESTER, BRIAN	2,482,554		
THE PROCTER & GAMBLE COMPANY	2,482,480	WESTER, BRIAN	2,482,556		
THE PROCTER & GAMBLE COMPANY	2,482,985	WEYERHAEUSER COMPANY	2,482,554		
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,480,217	WEYERHAEUSER COMPANY	2,482,556		
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,480,665	WIEDERMANN, URSULA	2,482,973		
THOMPSON, BRADLEY G.	2,482,826	WILLIAMS, KEVIN P.	2,480,119		
THOMPSON, BRADLEY G.	2,484,398	WOLF, JEAN-PIERRE	2,483,004		
THOMSON LICENSING S.A.	2,482,976	WU, LEI	2,479,891		
THOMSON, DAVID	2,484,451	XU, JUNQUAN	2,479,891		
TİLLA INTERNATIONAL, INC.	2,482,975	XU, WENFENG	2,480,163		
TISSUEGENE, INC.	2,480,554	YABUKI, YOSHIHARU	2,482,895		
TSAO, MICHAEL H.	2,482,975	YAMAMOTO, YASUHITO	2,484,530		
TSE, KAM-FAI	2,479,732	YANG, JIANXIN	2,479,724		
TULARIK, INC.	2,479,724	YI, YOUNGSUK	2,480,554		
TULI, RAKESH	2,480,319	YODER, KRISTINE E.	2,480,437		
TURPEINEN, TERTTU	2,484,421	YOSHIZATO, KATSUTOSHI	2,480,561		
		ZALEWSKI, ANDRZEJ	2,482,980		
		ZAPF CRÉATION AG	2,482,978		
		ZENSUN (SHANGHAI) SCI- TECH LTD.	2,480,099		
		ZHANG, XIAOLIU	2,479,763		
		ZHOU, MINGDONG	2,480,099		
		ZIGMANS, JOHANNES			
		ANTONIUS GERARDUS			
		WILHELMUS	2,482,983		
		ZIH CORP.	2,482,539		
		ZIMMERMANN, PETER, JAN	2,484,090		
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BUSCEMI, PAUL J.	2,484,826
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