

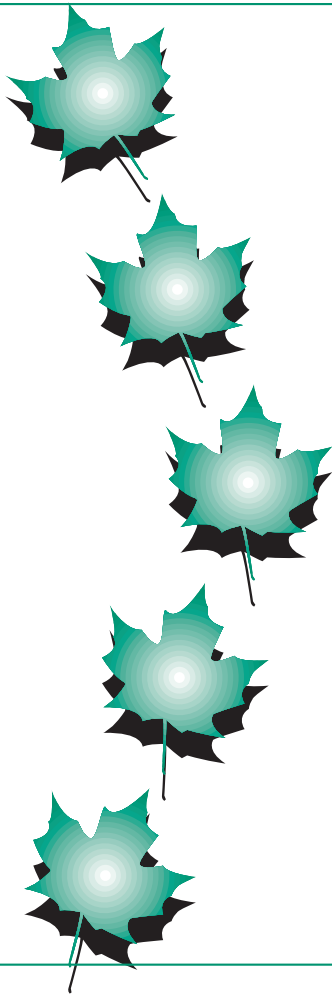


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Intellectual Property  
Office**

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Industry Canada

**Office de la propriété  
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du Canada**

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d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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**Canada**



# THE PATENT OFFICE RECORD



# LA GAZETTE DU BUREAU DES BREVETS

P. Trépanier  
Acting Commissioner of Patents

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P. Trépanier  
Commissaire intérimaire aux brevets

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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
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said 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'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [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] - Noms(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

AD	Andorra
AE	United Arab Emirates
AF	Afghanistan
AG	Antigua
AI	Anguilla
AL	Albania
AM	Armenia
AN	Netherlands Antilles
AO	Angola
AR	Argentina
AT	Austria
AU	Australia
AZ	Azerbaijan
BB	Barbados
BD	Bangladesh
BE	Belgium
BG	Bulgaria
BH	Bahrain
BI	Burundi
BJ	Benin
BM	Bermuda
BN	Brunei
BO	Bolivia
BR	Brazil
BS	Bahamas
BT	Bhutan
BU	Burma
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Ivory Coast
CL	Chile
CM	Cameroon
CN	China
CO	Colombia
CR	Costa Rica
CS	Czechoslovakia
CU	Cuba
CV	Cape Verde
CY	Cyprus
CZ	Czech Republic
DD	Germany (Democratic Republic)
DE	Germany (Federal Republic of)
DJ	Djibouti
DK	Denmark
DM	Dominica

### 2. Code des pays

AD	Andorre
AE	Émirats Arabes Unis
AF	Afghanistan
AG	Antigua
AI	Anguilla
AL	Albanie
AM	Arménie
AN	Antilles Pays-Bas
AO	Angola
AR	Argentine
AT	Autriche
AU	Australie
AZ	Azerbaïdjan
BB	Barbade
BD	Bangladesh
BE	Belgique
BG	Bulgarie
BH	Bahreïn
BI	Burundi
BJ	Bénin
BM	Bermudes
BN	Brunéi
BO	Bolivie
BR	Brésil
BS	Bahamas
BT	Bhoutan
BU	Birmanie
BW	Botswana
BY	Bélarus
BZ	Belize
CA	Canada
CF	République centrafricaine
CG	Congo
CH	Suisse
CI	Côte d'Ivoire
CL	Chili
CM	Cameroun
CN	Chine
CO	Colombie
CR	Costa Rica
CS	Tchécoslovaquie
CU	Cuba
CV	Cap-Vert
CY	Chypre
CZ	République tchèque
DD	Allemagne (République Démocratique)
DE	Allemagne (République Fédérale)
DJ	Djibouti
DK	Danemark
DM	Dominique

## Notices

DO	Dominican Republic	DO	République dominicaine
DZ	Algeria	DZ	Algérie
EA	Eurasian Patent Organization (EAPO)	EA	Organisation eurasiennne des brevets (OEAB)
EC	Ecuador	EC	Équateur
EE	Estonia	EE	Estonia
EG	Egypt	EG	Égypte
EP	European Patent Office (EPO)	EP	Office Européen de brevets (OEB)
ES	Spain	ES	Espagne
ET	Ethiopia	ET	Éthiopie
FI	Finland	FI	Finlande
FJ	Fiji	FJ	Fidji
FR	France	FR	France
GA	Gabon	GA	Gabon
GB	United Kingdom	GB	Royaume-Uni
GD	Grenada	GD	Grenade
GE	Georgia	GE	Géorgie
GH	Ghana	GH	Ghana
GI	Gibraltar	GI	Gibraltar
GM	Gambia	GM	Gambie
GN	Guinea	GN	Guinée
GQ	Equatorial Guinea	GQ	Guinée Équatoriale
GR	Greece	GR	Grèce
GT	Guatemala	GT	Guatemala
GW	Guinea-Bissau	GW	Guinée-Bissau
GY	Guyana	GY	Guyane
HK	Hong Kong	HK	Hong Kong
HN	Honduras	HN	Honduras
HR	Croatia	HR	Croatie
HT	Haiti	HT	Haïti
HU	Hungary	HU	Hongrie
HV	Burkina Faso	HV	Haute-Volta
IB	International Bureau of the World Intellectual Property Organization (WIPO)	IB	Bureau international de l'Organisation Mondiale de la Propriété Intellectuelle (OMPI)
ID	Indonesia	ID	Indonésie
IE	Ireland	IE	Irlande
IL	Israel	IL	Israël
IN	India	IN	Inde
IQ	Iraq	IQ	Iraq
IR	Iran	IR	Iran
IS	Iceland	IS	Islande
IT	Italy	IT	Italie
JM	Jamaica	JM	Jamaïque
JO	Jordan	JO	Jordanie
JP	Japan	JP	Japon
KE	Kenya	KE	Kenya
KG	Kyrgyzstan	KG	Kirghizistan
KH	Kampuchea (Khmer Republic)	KH	Kampuchea
KM	Comoros	KM	Comores

## Avis

KN	St. Christopher and Nevis	KN	Saint-Christophe et Nieves
KP	Democratic People's Republic of Korea	KP	République populaire démocratique de Corée
KR	Republic of Korea	KR	République de Corée
KW	Kuwait	KW	Koweït
KZ	Kazakhstan	KZ	Kazakhstan
LA	Laos	LA	Laos
LB	Lebanon	LB	Liban
LC	Saint Lucia	LC	Sainte-Lucie
LI	Liechtenstein	LI	Liechtenstein
LK	Sri Lanka	LK	Sri Lanka
LR	Liberia	LR	Libéria
LS	Lesotho	LS	Lesotho
LT	Lithuania	LT	Lithuania
LU	Luxembourg	LU	Luxembourg
LV	Latvia	LV	Lettonie
LY	Libyan Arab Republic	LY	République arabe libyenne
MA	Morocco	MA	Maroc
MC	Monaco	MC	Monaco
MD	Republic of Moldova	MD	République de Moldova
MG	Madagascar	MG	Madagascar
ML	Mali	ML	Mali
MN	Mongolia	MN	Mongolie
MR	Mauritania	MR	Mauritanie
MT	Malta	MT	Malte
MU	Mauritius	MU	Maurice
MV	Maldives	MV	Maldives
MW	Malawi	MW	Malawi
MX	Mexico	MX	Mexique
MY	Malaysia	MY	Malaisie
MZ	Mozambique	MZ	Mozambique
NA	Namibia	NA	Namibie
NC	New Caledonia	NC	Nouvelle-Calédonie
NE	Niger	NE	Niger
NG	Nigeria	NG	Nigéria
NI	Nicaragua	NI	Nicaragua
NL	Netherlands	NL	Pays-Bas
NO	Norway	NO	Norvège
NP	Nepal	NP	Népal
NR	Nauru	NR	Nauru
NZ	New Zealand	NZ	Nouvelle-Zélande
OM	Oman	OM	Oman
PA	Panama	PA	Panama
PE	Peru	PE	Pérou
PG	Papua New Guinea	PG	Papouasie et Nouvelle Guinée
PH	Phillippines	PH	Phillippines
PK	Pakistan	PK	Pakistan
PL	Poland	PL	Pologne
PT	Portugal	PT	Portugal
PY	Paraguay	PY	Paraguay
QA	Qatar	QA	Qatar

## Notices

RO	Romania	RO	Roumanie
RU	Russian Federation	RU	Fédération de Russie
RW	Rwanda	RW	Rwanda
SA	Saudi Arabia	SA	Arabie Saoudite
SB	Solomon Islands	SB	Salamon Iles
SC	Seychelles	SC	Seychelles
SD	Sudan	SD	Soudan
SE	Sweden	SE	Suède
SG	Singapore	SG	Singapour
SI	Slovenia	SI	Slovénie
SK	Slovakia	SK	Slovaquie
SL	Sierra Leone	SL	Sierra Leone
SM	San Marino	SM	Saint-Marin
SN	Senegal	SN	Sénégal
SO	Somalia	SO	Somalie
SR	Surinam	SR	Surinam
ST	Sao Tome and Principe	ST	Sao Tome et Principe
SU	USSR	SU	URSS
SV	El Salvador	SV	El Salvador
SY	Syrian Arab Republic	SY	République Arabe Syrienne
SZ	Swaziland	SZ	Swaziland
TD	Chad	TD	Tchad
TG	Togo	TG	Togo
TH	Thailand	TH	Thaïlande
TJ	Tajikistan	TJ	Tadjikistan
TM	Turkmenistan	TM	Turkmenistan
TN	Tunisia	TN	Tunisie
TO	Tonga	TO	Tonga
TR	Turkey	TR	Turquie
TT	Trinidad and Tobago	TT	Trinité-et-Tobago
TV	Tuvalu	TV	Tuvalu
TW	Taiwan	TW	Taïwan
TZ	Tanzania	TZ	Tanzanie
UA	Ukraine	UA	Ukraine
UG	Uganda	UG	Ouganda
US	United States	US	États-Unis
UY	Uruguay	UY	Uruguay
UZ	Uzbekistan	UZ	Ouzbekistan
VA	Vatican City State (Holy See)	VA	Vatican
VC	St. Vincent and The Grenadines	VC	Saint-Vincent-et-les-Grenadins
VE	Venezuela	VE	Vénézuela
VG	British Virgin Islands	VG	Iles Vierges Britannique
VN	Viet Nam	VN	Viet-Nam
VU	Vanuatu	VU	Vanuatu
WO	World Intellectual Property Organization (WIPO) (International Bureau of)	WO	Organisation Mondiale de la Propriété intellectuelle (OMPI) (Bureau international de l')
WS	Samoa	WS	Samoa
YD	Yemen, Democratic	YD	Yemen, Démocratique
YE	Yemen	YE	Yemen



## Avis

YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe
ZZ	Country Unknown

YU	Yougoslavie
ZA	Afrique du Sud
ZM	Zambie
ZR	Zaire
ZW	Zimbabwe
ZZ	Pays inconnu

### 3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

### 4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

### 5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

#### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

### 3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

### 4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

### 5. Comment acheter des copies sur papier ou en microforme de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

#### A) Copies sur papier

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## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

### B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

## 6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

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Those wishing to use the service should open a deposit account with Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Numéro sans frais Amérique du Nord: 1-800-567-1914

Courriel: tic@micromedia.on.ca

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Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

## 6. Commandes de brevets par classe ou sous-classe

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La somme de huit dollars (8 \$) pour chaque copie reproduite sur papier ou la somme de quatre (4 \$) pour chaque copie reproduite sur microfiche, plus les frais de poste et les taxes sont exigibles pour chaque exemplaire de brevet fourni.

Les personnes intéressées à prendre avantage de ce service sont invitées à ouvrir un compte de dépôt avec Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

## Avis

Toll Free for North America: 1-800-567-1914

Numéro sans frais Amérique du Nord: 1-800-567-1914

E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including both patents in force and expired patents, may be ordered at a price of 50¢ per page from the Patent Office.

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

### 7. 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-Hull, 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.

### 7. 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-Hull, 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.

### 8. 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-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

### 8. 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-Hull, 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.

#### 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.

#### 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.

### 9. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the 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 under in part 10 of these notices.

### 9. 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.

## Notices

### **10. List of Patents Available for Licence or Sale**

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

2,120,890

### **11. Expired Patents**

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,134,550 which issued on October 26, 1982 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### **12. Laid-Open Applications**

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.

### **13. 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. 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.

2,120,890

### **11. Brevets expirés**

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 26 octobre 1982 sont maintenant expirés, jusque et y compris le no. 1,134,550. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

### **12. Demandes mises à la disponibilité du public**

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées 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.

### **13. Langue du document publié**

Toute personne intéressée d'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.

**Avis**

**14. Patent Cooperation Treaty (PCT)**

**14. Traité de coopération en matière de brevets (PCT)**

**SCHEDULE OF FEES APPLICABLE  
AS OF JULY 15, 1999**

**BARÈME DE TAXES À PARTIR DU  
15 JUILLET 1999**

<b>FEES</b>	<b>AMOUNTS</b>
	\$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	641.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	148.00
The maximum that can be charged for the Designation Fee is \$1,480.00; therefore, if more than 10 countries are designated the fee remains \$1,480.00	
4. <b>International Search Fee</b>	1,874.00
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 Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.	

<b>TAXES</b>	<b>MONTANTS</b>
	\$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	641,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	148,00
Le maximum payable pour la taxe de désignation est de 1 480,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 480,00 \$.	
4. <b>Taxe de recherche internationale</b>	1 874,00
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). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du 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.

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. <b>Late Payment Fee</b>	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
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5. <b>Taxe pour paiement tardif</b>	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
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**Preliminary Examination**

**Examen préliminaire**

6. <b>Handling Fee:</b>	289.46 Deutsche Marks
(Rule 57.2(a))	148.00 Euro Dollars

6. <b>Taxe de traitement:</b>	289,46 marks allemands
(Règle 57.2(a))	148,00 dollars euro

7. <b>Preliminary Examination Fee:</b>	2,998.29 Deutsche Marks
(Rule 58)	1,533.00 Euro Dollars

7. <b>Taxe d'examen préliminaire:</b>	2 998,29 marks allemands
(Règle 58)	1 533,00 dollars euro

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

\* International fees will be reduced by \$197.00 for all applications filed using PCT-Easy.

\*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

### 15. 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 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 -World Intellectual Property Organization 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 website at <http://www.wipo.int>.

### 15. Avis PCT

#### **Exigences des signatures du PCT**

Veillez 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 - PCT, <http://www.wipo.int>).

#### **Traité de Coopération en matière de brevets (PCT)**

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI 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 - Organisation mondiale de la propriété intellectuelle 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>.

16. Notice from the Government of Canada

# Information

## AMENDMENTS TO THE PATENTED MEDICINES (NOTICE OF COMPLIANCE) REGULATIONS

OTTAWA, October 1, 1999 – By order of the Governor General in Council, amendments to the *Patented Medicines (Notice of Compliance) Regulations* (the Regulations) came into effect on October 1, 1999.

The Regulations are an integral part of Canada's balanced drug patent policy which provides effective enforcement of patent rights while at the same time ensuring that second entry drugs can enter the market as soon as it is determined that they are not covered by a patent.

The amendments are intended to clarify the law and reaffirm the application of the Regulations.

A proposed regulatory text was prepublished in the *Canada Gazette* on July 31, 1999. The government has conducted an open and transparent consultation process and heard from representatives of all principal stakeholders.

The government remains committed to a policy which ensures that Canadians have access to drugs at reasonable prices and which supports the development of the industry through modern, competitive framework laws that encourage innovation and growth.

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This Information Bulletin, as well as the regulatory amendments, are available from Industry Canada's Strategis site at:

<http://strategis.ic.gc.ca/SSG/ip00001e.html>

For more information:

Tony Macerollo  
Office of the Minister of Industry  
(613) 995-9001

Serge Dupont  
Corporate Governance Branch, Industry Canada  
(613) 952-0211

16. Avis du Gouvernement du Canada

# Information

## MODIFICATIONS AU RÈGLEMENT SUR LES MÉDICAMENTS BREVETÉS (AVIS DE CONFORMITÉ)

OTTAWA, le 1 octobre 1999 – Par décret du gouverneur général en conseil, les modifications au *Règlement sur les médicaments brevetés (Avis de conformité)* (le Règlement) sont entrées en vigueur le 1 octobre 1999.

Le Règlement fait partie intégrante de la politique canadienne équilibrée en matière de brevets des médicaments, qui prévoit l'application efficace des droits conférés par un brevet tout en garantissant que la deuxième version d'un médicament peut être mise sur le marché dès qu'il a été établi qu'elle ne fait pas l'objet d'un brevet.

Les modifications ont pour but de clarifier la loi et de confirmer l'application du Règlement.

Un projet de règlement a été publié préalablement dans la *Gazette du Canada* le 31 juillet 1999. Le gouvernement a réalisé un processus transparent de consultation et a pris connaissance des commentaires des principaux intéressés.

Le gouvernement est toujours déterminé à conserver une politique qui fait en sorte que les Canadiens peuvent acheter des médicaments à un prix raisonnable et qui soutient le développement de l'industrie grâce à des lois-cadres modernes et concurrentielles stimulant l'innovation et la croissance.

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Le présent bulletin d'information ainsi que les modifications au Règlement sont disponibles sur le site Strategis d'Industrie Canada, à l'adresse :

<http://strategis.ic.gc.ca/SSGF/ip00001f.html>.

Pour en savoir davantage, communiquer avec :

Tony Macerollo  
Cabinet du ministre de l'Industrie  
(613) 995-9001

Serge Dupont  
Direction générale de la régie d'entreprise, Industrie Canada  
(613) 952-0211

## Notices

### **17. Lay-Open Applications**

The Patent Office Record of October 26, 1999 contains laid-open applications from October 3, 1999 - October 9, 1999.

### **17. Demandes Canadiennes mises à la disponibilité du public**

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 3 octobre 1999 - 9 octobre 1999.



## Avis

# Canadian Patents Issued

October 26, 1999

## Brevets canadiens délivrés

26 octobre 1999

[11] **1,340,798**  
[13] C

[52] 260-242 167-211 260-276.2 260-277.7  
260-280.2 260-280.4 260-291.1 260-296  
[51] **Int.Cl. 6C07D 213/55 6C07D 405/02  
6C07D 413/06 6A61K 31/44**  
[25] EN  
[54] **DISUBSTITUTED PYRIDINES  
DERIVES DE DISUBSTITUTION  
DE PYRIDINES**  
[72] Angerbauer, Rolf, DE  
[72] Fey, Peter, DE  
[72] Hubsch, Walter, DE  
[72] Philipps, Thomas, DE  
[72] Bischoff, Hilmar, DE  
[72] Petzinna, Dieter, DE  
[72] Schmidt, Delf, DE  
[72] Thomas, Gunter, IT  
[73] BAYER AKTIENGESELLSCHAFT,  
DE  
[21] **588,502**  
[22] 1989-01-18  
[30] DE (38 01 406.8) 1988-01-20  
[30] DE (21317/A 88) 1988-07-11

[11] **1,340,799**  
[13] C

[52] 195-1.112 167-37  
[51] **Int.Cl. 6G01N 33/53**  
[25] EN  
[54] **ASSAY FOR IN VITRO  
QUANTITATIVE MEASUREMENT  
CARBOXY-TELOPEPTIDES OF TYPE I  
COLLAGEN**  
[54] **METHODE POUR L'ANALYSE  
QUANTITATIVE IN VITRO DE  
CARBOXY-TELOPEPTIDES DE  
COLLAGENE DE TYPE I**  
[72] Eyre, David R., US  
[73] Washington Research Foundation, US  
[21] **617,092**  
[22] 1998-04-14  
[62] 0,581,714

[11] **1,340,800**  
[13] C

[52] 167-323  
[51] **Int.Cl. 6A61L 33/00**  
[25] EN  
[54] **ARTICLES EXHIBITING A  
BLOOD-COMPATIBLE SURFACE  
LAYER AND PROCESS FOR  
PROVIDING ARTICLES WITH SUCH A  
SURFACE LAYER**  
[54] **ARTICLES COMPORTANT UNE  
SURFACE HEMOCOMPATIBLE, AINSI  
QU'UN PROCEDE POUR PRODUIRE  
CE TYPE D'ARTICLES**  
[72] Nygren, Bo Hakan, SE  
[72] Stenberg, Johan Emanuel, SE  
[73] Astra Tech Aktiebolag, SE  
[21] **575,631**  
[22] 1988-08-23  
[30] SE (8703310-6) 1987-08-26

[11] **1,340,801**  
[13] C

[52] 260-266.3 167-211 260-241 260-273  
260-277.37  
[51] **Int.Cl. 6C07D 401/04 6C07D 471/04  
6A61K 31/435**  
[25] EN  
[54] **OPTICALLY ACTIVE  
PYRIDONECARBOXYLIC ACID  
DERIVATIVES**  
[54] **DERIVES D'ACIDE  
PYRIDONECARBOXYLIQUE  
OPTIQUEMENT ACTIFS**  
[72] Hayakawa, Isao, JP  
[72] Kimura, Youichi, JP  
[73] DAIICHI SEIYAKU CO., LTD., JP  
[21] **597,865**  
[22] 1989-04-26  
[30] JP (104625/88) 1988-04-27  
[30] JP (296984/88) 1988-11-24

[11] **1,340,802**  
[13] C

[52] 195-1.112 150-8.5 167-45 167-139 195-  
1.235 195-1.28 195-1.35 260-128.3 195-1.20  
[51] **Int.Cl. 6C12N 15/12 6C12N 5/10  
6C12P 21/02 6C07K 16/18 6C12N 1/20  
6C12Q 1/68 6C07K 14/00 6G01N 33/68  
6G01N 33/577**  
[25] EN  
[54] **SENILE AMYLOID PRECURSOR  
PROTEIN AND AN ANTIBODY  
SPECIFIC FOR THE SAME**  
[54] **PROTEINE PRESURSEUR DE  
L'AMYLOIDE SENILE ET ANTICORPS  
SPECIFIQUE POUR CETTE PROTEINE**  
[72] Kitaguchi, Nobuya, JP  
[72] Takahashi, Yasuyuki, JP  
[72] Todushima, Yasuo, JP  
[72] Itoh, Hirataka, JP  
[73] ASAHI KASEI KOGYO KABUSHIKI  
KAISHA, JP  
[21] **574,662**  
[22] 1988-08-12  
[30] JP (62-203298) 1987-08-15  
[30] JP (62-207995) 1987-08-21  
[30] JP (62-291404) 1987-11-18  
[30] JP (62-313228) 1987-12-11  
[30] JP (63-25260) 1988-02-05  
[30] JP (63-29366) 1988-02-10  
[30] JP (63-37905) 1988-02-19  
[30] JP (63-125660) 1988-05-25

[11] **1,340,803**  
[13] C

[52] 167-37 150-8  
[51] **Int.Cl. 6G01N 33/531 6G01N 33/543  
6C12Q 1/68 6B01J 13/00**  
[25] EN  
[54] **METHOD FOR DEPOSITING  
METAL PARTICLES ON A MARKER**  
[54] **METHODE POUR DEPOSER DES  
PARTICULES DE METAL SUR UN  
MARQUEUR**  
[72] Noppe, Marcus Joannes Maria, BE  
[72] Konings, Frank Jozef, BE  
[73] Janssen Pharmaceutica N.V., BE  
[21] **559,908**  
[22] 1988-02-26  
[30] US (23,733) 1987-03-09

Canadian Patents Issued  
October 26, 1999

[11] 1,340,804  
[13] C

[52] 167-142 167-206  
[51] **Int.Cl. 6A61K 47/26 6A23L 1/29**  
[25] EN  
[54] **MIXED COMPOSITIONS FOR TREATING HYPERCHOLESTEROLEMIA**  
[54] **COMPOSITION MIXTE POUR LE TRAITEMENT DE L'HYPERCHOLESTEROLEMIE**  
[72] Broaddus, Charles David, US  
[73] The Procter & Gamble Company, US  
[21] **587,092**  
[22] 1988-12-28  
[30] US (138,976) 1987-12-29  
[30] US (142,037) 1988-01-08

[11] 1,340,805  
[13] C

[52] 195-1.22 167-103.9 195-1.235  
[51] **Int.Cl. 6C12N 15/29 6C12N 15/62 6C07K 14/415 6C07K 19/00 6A61K 47/48 6A61K 38/16**  
[25] EN  
[54] **NUCLEOTIDE SEQUENCE ENCODING PLANT RIBOSOME INACTIVATING PROTEIN**  
[54] **SEQUENCE DE NUCLEOTIDES CODANT UNE PROTEINE D'INACTIVATION DE RIBOSOMES VEGETAUX**  
[72] Lorenzetti, Rolando, IT  
[72] Benatti, Luca, IT  
[72] Dani, Maria, IT  
[72] Lappi, Douglas, IT  
[72] Saccardo, Maria Beatrice, IT  
[72] Soria, Marco, IT  
[73] FARMITALIA CARLO ERBA S.r.l., IT  
[21] **603,421**  
[22] 1989-06-21

[11] 2,001,945  
[13] C

[51] **Int.Cl. 5B29C 67/20**  
[25] EN  
[54] **STRUCTURAL UNIT, ASSEMBLY METHOD AND APPARATUS FOR MOLDING SAME**  
[54] **MOULE, METHODE D'ASSEMBLAGE ET APPAREIL DE MOULAGE EN CONTINU**  
[72] Payne, Le Roy, US  
[73] Payne, Le Roy, US  
[22] 1989-11-01  
[30] US (271,717) 1988-11-16

[11] 2,006,106  
[13] C

[51] **Int.Cl. 6A61K 7/16 6A61K 45/08 6A61K 9/16 6A61K 47/30**  
[25] EN  
[54] **IMPROVED PHASE SEPARATION-MICROENCAPSULATED PHARMACEUTICAL COMPOSITIONS USEFUL FOR ALLEVIATING DENTAL DISEASE**  
[54] **DES COMPOSITIONS PHARMACEUTIQUES AMELIOREES POUR L'ALLEGEMENT DES AFFECTIONS DES DENTS, MICROENCAPSULEES ET PRESENTANT DE MEILLEURES QUALITES DE SEPARATION DE PHASE**  
[72] Lanzilotti, Michael G., US  
[72] Lawter, James R., US  
[73] AMERICAN CYANAMID COMPANY, US  
[22] 1989-12-20  
[30] US (07/288,739) 1988-12-22

[11] 2,007,077  
[13] C

[51] **Int.Cl. 6A01J 5/017**  
[25] EN  
[54] **MILKING**  
[54] **DISPOSITIF POUR TRAYEUSE**  
[72] Benson, John Alan, GB  
[72] Marchant, John Arthur, GB  
[72] Allen, Clive John, GB  
[72] Street, Michael John, GB  
[72] Wilkin, Arthur Leonard, GB  
[73] BTG INTERNATIONAL LIMITED, GB  
[22] 1990-01-03  
[30] GB (8900084.8) 1989-01-04

[11] 2,007,249  
[13] C

[51] **Int.Cl. 6C01B 31/30 6C07C 15/04 6C07C 2/76**  
[25] EN  
[54] **METHOD FOR METHANE CONVERSION**  
[54] **METHODE DE TRANSFORMATION DU METHANE**  
[72] Peters, William A., US  
[72] Howard, Jack B., US  
[73] Massachusetts Institute of Technology, US  
[22] 1990-01-05

[11] 2,010,212  
[13] C

[51] **Int.Cl. 5A01F 15/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DENSITY CONTROL IN RECTANGULAR BALERS TO IMPROVE THE BALE TYING OPERATION**  
[54] **METHODE ET APPAREIL DE REGULATION DU COMPACTAGE DE BALLE RECTANGULAIRES AMELIORANT L'OPERATION DE CERCLAGE**  
[72] Schoonheere, Marnix J., BE  
[72] Lippens, Christiaan A. C., BE  
[72] Naaktgeboren, Adrianus, BE  
[73] FORD NEW HOLLAND, INC., US  
[22] 1990-02-16  
[30] US (338,170) 1989-04-14  
[30] US (338,175) 1989-04-14

[11] 2,010,703  
[13] C

[51] **Int.Cl. 6G08C 21/00**  
[25] EN  
[54] **ACCELERATOR PEDAL POSITION SENSOR**  
[54] **DETECTEUR DE POSITION DE PEDALE D'ACCELERATEUR**  
[72] Brown, Richard L., US  
[73] Caterpillar Inc., US  
[22] 1990-02-22  
[30] US (326,129) 1989-03-20  
[30] US (PCT/US89/02077) 1989-05-15

[11] 2,011,378  
[13] C

[51] **Int.Cl. 6C12N 15/57 6C12N 9/52**  
[25] EN  
[54] **ACHROMOBACTER PROTEASE I GENE AND GENE PRODUCT THEREOF**  
[54] **GENE DE L'ACHROMOBACTER PROTEASE I ET SON PRODUIT**  
[72] Sakiyama, Fumio, JP  
[72] Nakata, Atsuo, JP  
[73] WAKO PURE CHEMICAL INDUSTRIES, LTD., JP  
[22] 1990-03-02  
[30] JP (59726/1989) 1989-03-14

**Brevets canadiens délivrés  
26 octobre 1999**

[11] **2,013,052**  
[13] C

[51] **Int.Cl. 5G11B 7/00**  
[25] EN  
[54] **METHOD OF AND DEVICE FOR RECORDING DATA SIGNALS ON A RECORD CARRIER OF AN INSCRIBABLE TYPE AND DEVICE FOR READING SUCH A RECORD CARRIER**  
[54] **METHODE ET DISPOSITIF POUR ENREGISTRER DES SIGNAUX DE DONNEES SUR UN SUPPORT ET DISPOSITIF DE LECTURE POUR CE SUPPORT**  
[72] Roth, Rudolf, NL  
[72] Van Der Zande, Paulus Christianus Maria, NL  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[22] 1990-03-26  
[30] NL (8900766) 1989-03-29  
[30] NL (8902931) 1989-11-28

[11] **2,013,746**  
[13] C

[51] **Int.Cl. 6A61B 17/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REMOVING PRE-PLACED PROSTHETIC JOINTS AND PREPARING FOR THEIR REPLACEMENT**  
[54] **METHODE ET APPAREIL POUR ENLEVER LES PROTHESES ARTICULAIRES EN PLACE ET PREPARER LEUR REMPLACEMENT**  
[72] Chin, Albert K., US  
[73] LINVATEC CORPORATION, US  
[22] 1990-04-03

[11] **2,019,339**  
[13] C

[51] **Int.Cl. 6H03J 7/22 6H03J 3/10**  
[25] EN  
[54] **CHANNEL SELECTING APPARATUS**  
[54] **DISPOSITIF DE SELECTION DE CANAUX**  
[72] Tsukagoshi, Masahiko, JP  
[73] KABUSHIKA KAISHA TOSHIBA, JP  
[73] TOSHIBA AUDIO VIDEO ENGINEERING CO., LTD., JP  
[22] 1990-06-20  
[30] JP (158488/1989) 1989-06-20

[11] **2,019,449**  
[13] C

[51] **Int.Cl. 6A01D 34/53 6A01D 82/00 6A01F 29/06 6A01D 43/10**  
[25] EN  
[54] **IMPROVED CROP PROCESSOR**  
[54] **MACHINE DE TRAITEMENT DES RECOLTES**  
[72] Jensen, Laurel H., US  
[72] Lundahl, E. Cordell, US  
[73] Ezra C. Lundahl, Inc., US  
[22] 1990-06-20  
[30] US (07/479,321) 1990-02-13

[11] **2,019,659**  
[13] C

[51] **Int.Cl. 5H04L 1/00 5H04B 1/12**  
[25] EN  
[54] **RECEIVER FOR DATA TRANSMISSION SYSTEM WITH NONLINEARITIES**  
[54] **RECEPTEUR DE SYSTEME NON LINEAIRE DE TRANSMISSION DE DONNEES**  
[72] Bergmans, Johannes Wilhelmus Maria, NL  
[72] Mita, Seiichi, JP  
[72] Izumita, Morishi, JP  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[73] Hitachi Ltd., JP  
[22] 1990-06-22  
[30] JP (01-160756) 1989-06-26

[11] **2,019,876**  
[13] C

[51] **Int.Cl. 5B29C 55/14**  
[25] EN  
[54] **BIORIENTED FILM**  
[54] **FEUIL BIORIENTE**  
[72] Pellereau, Bernard, CH  
[72] Barry, Russell P., CH  
[73] Dow Chemical Company (The), US  
[22] 1990-06-26  
[30] GB (8914703.7) 1989-06-27

[11] **2,022,721**  
[13] C

[51] **Int.Cl. 6C10G 1/00**  
[25] EN  
[54] **PROCESS FOR CONVERTING HEAVY OIL DEPOSITED ON COAL TO DISTILLABLE OIL IN A LOW SEVERITY PROCESS**  
[54] **METHODE DE CONVERSION D'HUILE LOURDE DEPOSEE SUR FINES DE CHARBON EN UNE HUILE DISTILLABLE SELON UN PROCEDE A FAIBLE INTENSITE**  
[72] Ignasiak, Teresa, CA  
[72] Turak, Ali A., CA  
[72] Szymocha, Kazimierz, CA  
[72] Pawlak, Wanda, CA  
[72] Janiak, Jerzy, CA  
[72] Ignasiak, Boleslaw, CA  
[72] Strausz, Otto, CA  
[73] Ignasiak, Teresa, CA  
[73] Turak, Ali A., CA  
[73] Szymocha, Kazimierz, CA  
[73] Pawlak, Wanda, CA  
[73] Janiak, Jerzy, CA  
[73] Ignasiak, Boleslaw, CA  
[73] Strausz, Otto, CA  
[22] 1990-08-03

[11] **2,023,822**  
[13] C

[51] **Int.Cl. 6B08B 3/02 6D06F 37/00**  
[25] EN  
[54] **INDUSTRIAL WASHING MACHINE**  
[54] **MACHINE A LAVER INDUSTRIELLE**  
[72] O'Leary, James, CA  
[73] Clam Industries Incorporated,  
[22] 1990-08-22

[11] **2,023,960**  
[13] C

[51] **Int.Cl. 6G11B 7/00**  
[25] EN  
[54] **OPTICAL DISC RECORDING APPARATUS**  
[54] **APPAREIL D'ENREGISTREMENT A DISQUE OPTIQUE**  
[72] Iimura, Shinichiro, JP  
[72] Ogawa, Hiroshi, JP  
[73] Sony Corporation, JP  
[22] 1990-08-24  
[30] JP (219416/89) 1989-08-25

**Canadian Patents Issued  
October 26, 1999**

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[11] **2,024,216**  
[13] C

[51] **Int.Cl. 5H04J 3/02**  
[25] EN  
[54] **COMMUNICATIONS SYSTEM**  
[54] **SYSTEME DE COMMUNICATION**  
[72] Macnamee, Robert Joseph Gerard, GB  
[72] Vadgama, Sunil Keshavji, GB  
[73] KONINKLIJKE PHILIPS  
ELECTRONICS N.V., NL  
[22] 1990-08-29  
[30] GB (8919824.6) 1989-09-01

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[11] **2,024,647**  
[13] C

[51] **Int.Cl. 6B01D 53/32**  
[25] EN  
[54] **METHOD FOR REMOVING  
HARMFUL GAS FROM REFUSE  
COMBUSTION EXHAUST GAS**  
[54] **METHODE D'EXTRACTION DES  
GAZ NOCIFES PRESENTS DANS LES  
GAZ DE COMBUSTION DE DECHETS**  
[72] Machi, Sueo, JP  
[72] Tokunaga, Okihiro, JP  
[72] Sato, Shoichi, JP  
[72] Agarida, Toru, JP  
[72] Suzuki, Ryoji, JP  
[72] Kawamura, Keita, JP  
[72] Shibamura, Yokichi, JP  
[72] Miyachi, Tsuneharu, JP  
[72] Suda, Shouichi, JP  
[72] Aoki, Yasushi, JP  
[73] EBARA CORPORATION, JP  
[73] NKK CORPORATION, JP  
[22] 1990-09-05  
[30] JP (1-230649) 1989-09-06

---

[11] **2,029,678**  
[13] C

[51] **Int.Cl. 6C07K 11/02 6C12P 21/04  
6A61K 38/15**  
[25] EN  
[54] **ISOLATION AND STRUCTURAL  
ELUCIDATION OF THE CYTOSTATIC  
LINEAR DEPSIPEPTIDE DOLASTATIN  
14**  
[54] **ISOLATION ET ELUCIDATION  
STRUCTURALE DU DIPEPTIDE  
LINEAIRE CYTOSTATIQUE  
DOLASTATINE-14**  
[72] Pettit, George R., US  
[72] Kamano, Yoshiaki, JP  
[72] Herald, Cherry L., US  
[73] ARIZONA BOARD OF REGENTS, a  
body corporate of the State of Arizona, acti,  
US  
[22] 1990-11-09  
[30] US (07/435,622) 1989-11-13

---

[11] **2,031,308**  
[13] C

[51] **Int.Cl. 6G06F 9/38**  
[25] EN  
[54] **MULTI-MEDIA SYNCHRONIZER**  
[54] **SYNCHRONISEUR MULTIMEDIA**  
[72] Ambwami, Kailash, US  
[72] Jones, David Mark Verrier, CA  
[72] Moulious, Christopher John, US  
[73] Gold Disk Inc., CA  
[22] 1990-12-03

---

[11] **2,039,354**  
[13] C

[51] **Int.Cl. 6B41F 31/20**  
[25] EN  
[54] **PREPARATION OF THE INKING  
UNIT OF A PRINTING PRESS FOR A  
CHANGE OF PRINTING JOB**  
[54] **PREPARATION DU GROUPE  
ENCREUR D'UNE PRESSE A  
IMPRIMER POUR AMORCER UN  
NOUVEAU LOT D'IMPRESSION**  
[72] Rodi, Anton, DE  
[72] Müller, Bernd, DE  
[73] RODI, ANTON, DE  
[22] 1991-03-28  
[30] DE (40 13 463.6) 1990-04-27

---

[11] **2,046,346**  
[13] C

[51] **Int.Cl. 6F02D 9/02 6F02M 35/10  
6F02D 41/18**  
[25] EN  
[54] **INTERNAL COMBUSTION  
ENGINE AIR SUPPLY SYSTEM**  
[54] **SYSTEME D'ALIMENTATION EN  
AIR POUR MOTEURS A COMBUSTION  
INTERNE**  
[72] Smith, Darren Andrew, AU  
[72] Davis, Robert Max, AU  
[73] Orbital Engine Company (Australia) Pty.  
Limited, AU  
[85] 1991-08-08  
[86] 1990-02-19 (PCT/AU90/00063)  
[87] (WO90/09516)  
[30] AU (PJ 2785) 1989-02-17

---

[11] **2,049,610**  
[13] C

[51] **Int.Cl. 6G03G 5/05 6G03G 5/07**  
[25] EN  
[54] **CHARGE TRANSPORTING  
LAYERS FORMED FROM CURABLE  
COMPOSITIONS**  
[54] **COUCHES PHOTORECEPTRICES  
A BASE DE COMPOSITIONS  
RETICULABLES**  
[72] Stolka, Milan, US  
[72] Morrison, Ian D., US  
[72] Hsieh, Bing R., US  
[73] XEROX CORPORATION, US  
[22] 1991-08-21  
[30] US (634,586) 1990-12-27

---

[11] **2,049,657**  
[13] C

[51] **Int.Cl. 6B63H 9/06**  
[25] EN  
[54] **SAIL OF ONE PIECE THREE  
DIMENSIONAL LAMINATED FABRIC  
HAVING UNINTERRUPTED LOAD  
BEARING YARNS**  
[54] **VOILE EN TISSU LAMINE  
MONOPIECE AVEC FILES PORTEURS  
ININTERROMPUS**  
[72] Baudet, Jean-Pierre, CH  
[73] North Sails Group, Inc., US  
[22] 1991-08-21  
[30] US (570,402) 1990-08-21

---

[11] **2,055,352**  
[13] C

[51] **Int.Cl. 6C23C 18/28**  
[25] EN  
[54] **PRIMER FOR THE  
METALLISATION OF SUBSTRATE  
SURFACES**  
[54] **APPRET UTILISE POUR LA  
METALLISATION DES SURFACES DE  
SUPPORT**  
[72] Wolf, Gerhard D., DE  
[72] Sirinyan, Kirkor, DE  
[72] Henning, Wolfgang, DE  
[72] Merten, Rudolf, DE  
[72] Gizycki, Ulrich V., DE  
[72] Benda, Bruce, DE  
[73] BAYER AKTIENGESELLSCHAFT,  
DE  
[22] 1991-11-13  
[30] DE (P 40 36 591.3) 1990-11-16

**Brevets canadiens délivrés  
26 octobre 1999**

[11] **2,055,690**  
[13] C

[51] **Int.Cl. 6B05B 11/02 6B65D 47/34 6B65D 83/76**  
[25] FR  
[54] **DISTRIBUTEUR DE PRODUIT, LIQUIDE A PATEUX, ET EMBASE POUR UN TEL DISTRIBUTEUR**  
[54] **DISPENSER FOR LIQUID TO PASTY PRODUCTS AND HOLDER FOR SUCH DISPENSER**  
[72] Guéret, Jean-Louis H., FR  
[73] L'OREAL, FR  
[22] 1991-11-15  
[30] FR (90 14 271) 1990-11-16

[11] **2,057,536**  
[13] C

[51] **Int.Cl. 6C12N 15/31 6C07H 21/04 6C07K 14/20 6C12N 1/21 6C12N 15/67 6C12N 15/70**  
[25] EN  
[54] **CLONING AND EXPRESSION OF BORRELIA LIPOPROTEINS**  
[54] **CLONAGE ET EXPRESSION DES LIPOPROTEINES DE BORRELIA**  
[72] Dunn, John J., US  
[72] Barbour, Alan G., US  
[73] BROOKHAVEN SCIENCE ASSOCIATES LLC, US  
[22] 1991-12-12  
[30] US (632,072) 1990-12-21

[11] **2,060,974**  
[13] C

[51] **Int.Cl. 5B23K 9/007 5B23K 9/24**  
[25] FR  
[54] **PINCE A SOUDER PAR POINTS**  
[54] **SOLDERING PLIERS USING SOLDER SPOT METHOD**  
[72] De Bruyn, Gérard, FR  
[72] Lonchamp, André, FR  
[73] SAGEMU S.A., FR  
[22] 1992-02-11  
[30] FR (91 02030) 1991-02-20

[11] **2,062,806**  
[13] C

[51] **Int.Cl. 6G07D 5/08 6G07F 3/02 6H01F 17/04**  
[25] EN  
[54] **COIN TESTING APPARATUS**  
[54] **DISPOSITIF DE CONTROLE DE PIECES DE MONNAIE**  
[72] Waite, Timothy Peter, GB  
[73] MARS INCORPORATED, US  
[85] 1991-12-20  
[86] 1990-06-21 (PCT/GB90/00956)  
[87] (WO91/01029)  
[30] GB (8915640.0) 1989-07-07

[11] **2,062,878**  
[13] C

[51] **Int.Cl. 6C03B 37/06**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR PRODUCING FIBERS**  
[54] **METHODE ET APPAREIL POUR LA FABRICATION DE FIBRES**  
[72] Endo, Shigeo, JP  
[72] Kawashima, Haruo, JP  
[72] Hirata, Kimio, JP  
[72] Misu, Yasuo, JP  
[72] Itoh, Akira, JP  
[73] Toshiba Monofrax Co., Ltd., JP  
[22] 1992-03-12  
[30] JP (3-126966) 1991-03-13  
[30] JP (3-205005) 1991-05-15

[11] **2,074,827**  
[13] C

[51] **Int.Cl. 6G01R 15/24 6G01R 19/00 6G01R 29/08 6G01R 29/12**  
[25] EN  
[54] **INTEGRATED OPTICS POCKELS CELL VOLTAGE SENSOR**  
[54] **DETECTEUR DE TENSION A CELLULE DE POCKELS A OPTIQUE INTEGREE**  
[72] Jaeger, Nicolas August, CA  
[73] UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 1992-07-28  
[86] 1991-01-31 (PCT/CA91/00025)  
[87] (WO91/11724)  
[30] US (473,747) 1990-02-02

[11] **2,078,247**  
[13] C

[51] **Int.Cl. 6G06F 17/50 6G06F 7/00**  
[25] EN  
[54] **SOURCE CODE ANALYZER**  
[54] **ANALYSEUR DE CODES SOURCES**  
[72] Devanbu, Premkumar, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1992-09-15  
[30] US (781,564) 1991-10-22

[11] **2,078,938**  
[13] C

[51] **Int.Cl. 6G01N 1/30**  
[25] EN  
[54] **APPARATUS FOR DYEING TISSUES**  
[54] **APPAREIL POUR TEINDRE DES TISSUS VIVANTS**  
[72] Mizusawa, Yoshitada, JP  
[72] Toya, Matsumi, JP  
[73] KABUSHIKI KAISHA TIYODA SEISAKUSHO, JP  
[73] SAKURA FINETECHNICAL CO., LTD., JP  
[22] 1992-09-23  
[30] JP (112340/1992) 1992-04-06

[11] **2,081,711**  
[13] C

[51] **Int.Cl. 6G11B 27/02 6H04N 5/91**  
[25] EN  
[54] **VIDEO ANALYSIS SYSTEM FOR EDITING A RECORDED OR BROADCAST, TELEVISED PROGRAM AND ITS USE FOR POST-PRODUCTION TECHNIQUES, ESPECIALLY MULTILINGUAL POST-PRODUCTION TECHNIQUES**  
[54] **SYSTEME D'ANALYSE VIDEO POUR LE MONTAGE D'UNE EMISSION DE TELEVISION ENREGISTREE OU DIFFUSEE ET SON UTILISATION DANS LES OPERATIONS DE POST-PRODUCTION, PARTICULIEREMENT LA POST -PRODUCTION MULTILINGUE**  
[72] Lebrat, François, FR  
[72] Fouillet, Jean-Marie, FR  
[72] Etienne, Francis, FR  
[73] TELEDIFFUSION DE FRANCE, FR  
[22] 1992-10-29  
[30] FR (91 13397) 1991-10-30

Canadian Patents Issued  
October 26, 1999

[11] 2,081,719  
[13] C

[51] Int.Cl. 5G06F 9/45  
[25] EN  
[54] INTEGRATED COMMAND  
RECOGNITION APPARATUS AND  
METHOD  
[54] DISPOSITIF ET METHODE DE  
RECONNAISSANCE D'INSTRUCTIONS  
INTEGrees  
[72] Abe, Kazuo, JP  
[73] MITSUBISHI DENKI KABUSHIKI  
KAISHA, JP  
[22] 1992-10-29  
[30] JP (3-292917) 1991-11-08  
[30] JP (4-31848) 1992-02-19

[11] 2,083,104  
[13] C

[51] Int.Cl. 6A01D 59/00 6A01F 15/14  
6B65B 11/28 6B65B 35/58  
[25] EN  
[54] A PACKING MACHINE FOR  
PACKING BALES OF STRAW FODDER  
[54] MACHINE A EMBALLER LES  
BALLES DE PAILLE  
[72] Skole, Knud, NO  
[73] Tellefsdal A/S, NO  
[22] 1992-11-17  
[30] NO (P914583) 1991-11-22

[11] 2,086,152  
[13] C

[51] Int.Cl. 6D06F 37/04 6D06F 39/08  
[25] EN  
[54] SPIN METHOD OF WASHING  
FABRIC IN A HORIZONTAL AXIS  
WASHER  
[54] METHODE DE LAVAGE  
CENTRIFUGE DANS UNE MACHINE A  
LAVER LE LINGE A AXE  
HORIZONTAL  
[72] Euler, John W., US  
[72] Kovich, Mark B., US  
[72] Farrington, Sheryl L., US  
[72] Pastryk, Jim J., US  
[72] Hardaway, Anthony H., US  
[73] Whirlpool Corporation, US  
[22] 1992-12-23  
[30] US (815774) 1992-01-02

[11] 2,087,933  
[13] C

[51] Int.Cl. 6B41F 31/26 6B05D 5/00  
6B41N 7/00 6B32B 5/18 6B05D 7/24  
[25] EN  
[54] COMPRESSIBLE ROLLER  
[54] ROULEAU COMPRESSIBLE  
[72] Carlson, James R., US  
[72] Landl, Gerald J., US  
[73] American Roller Company, US  
[22] 1993-01-22  
[30] US (07/897,681) 1992-06-12

[11] 2,088,737  
[13] C

[51] Int.Cl. 6G11B 17/028 6G11B 17/34  
[25] EN  
[54] A DISK RECORDING SYSTEM  
AND A METHOD OF CONTROLLING  
THE ROTATION OF A TURNTABLE IN  
SUCH A DISK RECORDING SYSTEM  
[54] UN SYSTEME  
D'ENREGISTREMENT DE DISQUE ET  
METHODE DE CONTROLE DE LA  
VITESSE DE ROTATION DU PLATEAU  
DE CE SYSTEME  
[72] Labinsky, Alexander Numa, GB  
[72] Reynolds, Gerald Alfred John, GB  
[72] Halliday, Jonathan, GB  
[73] NIMBUS COMMUNICATIONS  
INTERNATIONAL LIMITED, GB  
[22] 1993-02-03

[11] 2,089,713  
[13] C

[51] Int.Cl. 6B62B 3/02  
[25] EN  
[54] HAND TRUCKS WITH  
PIVOTALLY CONNECTED,  
SPREADABLE, WHEEL-SUPPORTED,  
AUXILIARY SUPPORT FRAMES  
[54] CHARIOTS MANUELS A CADRES  
AUXILIAIRES SUR ROUE,  
RACCORDES PAR PIVOT  
[72] Mortenson, Carl N., US  
[73] Magline, Inc., US  
[22] 1993-02-17  
[30] US (07/839,857) 1992-02-21

[11] 2,089,726  
[13] C

[51] Int.Cl. 6H04L 12/56  
[25] EN  
[54] DETOUR PATH DETERMINATION  
METHOD  
[54] METHODE DE DETERMINATION  
DE CHEMIN DE DETOUR  
[72] Ogura, Takao, JP  
[72] Amemiya, Shigeo, JP  
[72] Tezuka, Koji, JP  
[72] Chujo, Takafumi, JP  
[73] FUJITSU LIMITED, JP  
[85] 1993-02-17  
[86] 1992-06-16 (PCT/JP92/00764)  
[87] (WO92/22971)  
[30] JP (3-146127) 1991-06-18

[11] 2,093,068  
[13] C

[51] Int.Cl. 6A46B 9/06 6A45D 34/04  
6A46B 3/18 6A45D 40/26  
[25] FR  
[54] BROSSE DESTINEE A  
L'APPLICATION D'UN PRODUIT  
COSMETIQUE, EN PARTICULIER SUR  
LES CILS OU LES CHEVEUX, ET  
PROCEDE DE FABRICATION D'UNE  
TELLE BROSSE  
[54] BRUSH FOR THE APPLICATION  
OF COSMETICS AND PROCESS FOR  
THE MANUFACTURING THEREOF  
[72] Guéret, Jean-Louis H., FR  
[73] L'OREAL, FR  
[22] 1993-03-31  
[30] FR (92 05146) 1992-04-27

[11] 2,095,557  
[13] C

[51] Int.Cl. 6A47C 3/02 6A47D 13/10  
[25] EN  
[54] PLATE FOR CONNECTING THE  
SEAT, BACK AND LEGS, ESPECIALLY  
FOR CHAIRS  
[54] PLAQUE DE RACCORDEMENT DE  
SIEGE, DOSSIER ET PATTES,  
NOTAMMENT DE CHAISES  
[72] Piretti, Giancarlo, IT  
[73] PRO-CORD S.r.l., IT  
[22] 1993-05-05

**Brevets canadiens délivrés  
26 octobre 1999**

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[11] **2,096,587**  
[13] C

[51] **Int.Cl. 6G01N 31/00 6G01N 21/75**  
[25] EN  
[54] **METHOD OF DETECTING ISOCYANATES**  
[54] **METHODE DE DETECTION DES ISOCYANATES**  
[72] Streicher, Robert P., US  
[73] THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT O, US  
[22] 1993-05-19  
[30] US (08/059,810) 1993-05-10

---

[11] **2,096,629**  
[13] C

[51] **Int.Cl. 5H03H 9/42**  
[25] EN  
[54] **SAW DEVICE TAPPED DELAY LINES**  
[54] **LIGNES A RETARD A PRISES POUR DISPOSITIFS A ONDES ACOUSTIQUES DE SURFACE**  
[72] Cameron, Thomas Philip, CA  
[72] Kennard, Paul Alan, US  
[72] Saw, John Choo Beng, CA  
[72] Suthers, Mark Spencer, CA  
[73] NORTEL NETWORKS CORPORATION, CA  
[85] 1993-05-19  
[86] 1991-12-17 (PCT/CA91/00446)  
[87] (WO92/12573)  
[30] US (07/639,606) 1991-01-10

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[11] **2,099,145**  
[13] C

[51] **Int.Cl. 6B65D 55/08**  
[25] EN  
[54] **CLOSURE**  
[54] **BOUCHON**  
[72] Hidding, Walter E., US  
[72] Hidding, Douglas J., US  
[72] Hidding, Robert D., US  
[73] Hidding, Walter E., US  
[73] Hidding, Douglas J., US  
[73] Hidding, Robert D., US  
[22] 1993-06-25  
[30] US (07/902,170) 1992-06-26  
[30] US (07/916,815) 1992-07-20

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[11] **2,101,017**  
[13] C

[51] **Int.Cl. 6B41J 2/175**  
[25] EN  
[54] **INK JET CARTRIDGE, INK JET HEAD AND PRINTER**  
[54] **CARTOUCHE D'ENCRE, TETE D'IMPRIMANTE A JET D'ENCRE ET IMPRIMANTE A JET D'ENCRE**  
[72] Higuma, Masahiko, JP  
[72] Ikeda, Masami, JP  
[72] Asai, Naohito, JP  
[72] Abe, Tsutomu, JP  
[72] Kashino, Toshio, JP  
[72] Karita, Seiichiro, JP  
[73] Canon Kabushiki Kaisha, JP  
[22] 1993-07-21  
[30] JP (198474/1992(Pat.)) 1992-07-24  
[30] JP (122620/1993(Pat.)) 1993-05-25

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[11] **2,102,500**  
[13] C

[51] **Int.Cl. 6H04B 1/10 6H04L 25/08**  
[25] EN  
[54] **PROGRAMMABLE NOISE BANDWIDTH REDUCTION BY MEANS OF DIGITAL AVERAGING**  
[54] **REDUCTION PROGRAMMABLE DE LA LARGEUR DE BANDE DE BRUIT PAR MOYENNAGE NUMERIQUE**  
[72] Poklemba, John J., US  
[73] COMSAT CORPORATION, US  
[85] 1993-11-04  
[86] 1992-07-16 (PCT/US92/05849)  
[87] (WO93/02506)  
[30] US (07/730,426) 1991-07-16

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[11] **2,102,868**  
[13] C

[51] **Int.Cl. 6H04Q 3/04 6H04Q 3/66**  
[25] EN  
[54] **DEVICE FOR PROGRAMMING SCRIPT SETS IN A TELEPHONE SYSTEM**  
[54] **DISPOSITIF DE PROGRAMMATION POUR SYSTEME TELEPHONIQUE**  
[72] Bloom, Joseph E., US  
[72] Palermo, Susan A., US  
[72] Auclair, Michael C., US  
[73] Rockwell International Corporation, US  
[22] 1993-11-10  
[30] US (975,353) 1992-11-11

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[11] **2,106,351**  
[13] C

[51] **Int.Cl. 6B01D 53/04**  
[25] EN  
[54] **ADSORPTIVE SEPARATION USING DILUTED ADSORPTIVE PHASE**  
[54] **SEPARATION PAR ADSORPTION A L'AIDE D'UNE PHASE ADSORPTIVE DILUEE**  
[72] Gaffney, Thomas Richard, US  
[72] Kirner, John Francis, US  
[72] Kumar, Ravi, US  
[72] Maliszewskyj, Robin Joyce, US  
[73] Air Products and Chemicals, Inc., US  
[22] 1993-09-16  
[30] US (07/950120) 1992-09-23

---

[11] **2,106,812**  
[13] C

[51] **Int.Cl. 6F24B 1/195 6F23J 13/02**  
[25] EN  
[54] **MODULAR FIREPLACE INSERT**  
[54] **FOYER MODULAIRE RAPPORTE**  
[72] Binzer, Lothar, CA  
[73] Binzer, Lothar, CA  
[22] 1993-09-23

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[11] **2,107,420**  
[13] C

[51] **Int.Cl. 6F16K 3/02 6F16K 25/00 6F16K 11/06**  
[25] EN  
[54] **VALVE ASSEMBLY**  
[54] **ROBINET**  
[72] Saiki, Hideya, JP  
[72] Nakamura, Mituyo, JP  
[72] Hirose, Takashi, JP  
[73] NTN Corporation, JP  
[22] 1993-09-30  
[30] JP (4-261217) 1992-09-30  
[30] JP (5-2090) 1993-01-29  
[30] JP (5-7460) 1993-02-26

---

[11] **2,114,513**  
[13] C

[51] **Int.Cl. 6B01D 53/14 6C10L 3/10 6B01D 53/18 6B01D 53/52**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR REMOVING SULPHIDE(S) FROM SOUR GAS**  
[54] **UNE METHODE ET SYSTEME D'EXTRACTION DU (DES) SULFURE(S) D'UN GAZ SULFUREUX**  
[72] Galloway, Anthony J., CA  
[73] 609,577 ALBERTA LIMITED, CA  
[22] 1994-01-28  
[30] US (08/188,966) 1994-01-27

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Canadian Patents Issued  
October 26, 1999

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[11] **2,117,549**  
[13] C  
[51] **Int.Cl. 6G05F 1/66 6B60K 15/00**  
[25] EN  
[54] **POWER GOVERNANCE CIRCUITRY**  
[54] **CIRCUITERIE DE REGULATION DE PUISSANCE**  
[72] Nelson, James C., III, US  
[73] DAX INDUSTRIES, INC., US  
[85] 1994-08-22  
[86] 1992-02-20 (PCT/US92/01352)  
[87] (WO92/15147)  
[30] US (660,437) 1991-02-22

---

[11] **2,118,918**  
[13] C  
[51] **Int.Cl. 6A61K 7/11**  
[25] EN  
[54] **EMULSION POLYMERS FOR USE IN HAIR FIXATIVES**  
[54] **POLYMERES EN EMULSION POUR FIXATIFS CAPILLAIRES**  
[72] Mudge, Paul, US  
[72] Leighton, John, US  
[72] Wanigatunga, Sirisoma, US  
[72] Morawsky, Natalie, US  
[73] ABLESTIK LABORATORIES, US  
[85] 1994-03-11  
[86] 1993-06-10 (PCT/US93/05523)  
[87] (WO94/02112)  
[30] US (915,488) 1992-07-16

---

[11] **2,119,345**  
[13] C  
[51] **Int.Cl. 6A61K 49/00**  
[25] EN  
[54] **METHODS FOR THE IN VIVO MEASUREMENT OF THE CONCENTRATION OF NMR-DETECTABLE XENOBIOTIC COMPOUNDS**  
[54] **METHODE DE MESURE IN VIVO DE LA CONCENTRATION DE COMPOSES XENOBIOTIQUES DETECTABLES PAR RMN**  
[72] Tweedle, Michael F., US  
[72] Strauss, Harry W., US  
[72] Nunn, Adrian D., US  
[73] Tweedle, Michael F., US  
[73] Strauss, Harry W., US  
[73] Nunn, Adrian D., US  
[22] 1994-03-17  
[30] US (052,959) 1993-04-23

---

[11] **2,120,656**  
[13] C  
[51] **Int.Cl. 6E04B 1/38 6E02D 27/42**  
[25] EN  
[54] **APPARATUS FOR JOINING STRUCTURAL COMPONENTS**  
[54] **DISPOSITIF POUR ASSEMBLER DES ELEMENTS STRUCTURELS**  
[72] Chapman, William A., US  
[73] Chapman, William A., US  
[22] 1994-04-06  
[30] US (08/058,871) 1993-05-06

---

[11] **2,120,689**  
[13] C  
[51] **Int.Cl. 6B02C 13/26 6B02C 13/00**  
[25] EN  
[54] **ARCuate IMPACT PLATE AND COMMINUTING MACHINE WITH ARCuate IMPACT PLATE**  
[54] **PLAQUE DE CHOC ARQUEE ET DILACERATEUR POURVU DE CELLE-CI**  
[72] Doppstadt, Werner, DE  
[73] Doppstadt, Werner, DE  
[22] 1994-04-06  
[30] DE (G 93 05 306.1) 1993-04-07

---

[11] \* **2,120,890**  
[13] C  
[51] **Int.Cl. 6B42D 17/00**  
[25] EN  
[54] **TELEPHONE BOOK HOLDER**  
[54] **SUPPORT POUR ANNUAIRE TELEPHONIQUEE**  
[72] Jessee, Fred Warren, CA  
[73] Jessee, Fred Warren, CA  
[22] 1994-04-08  
[30] US (08/127,493) 1993-09-28

---

[11] **2,121,535**  
[13] C  
[51] **Int.Cl. 6B02C 13/286**  
[25] EN  
[54] **INFEED MEANS FOR COMMINUTING MACHINE**  
[54] **DISPOSITIF D'ALIMENTATION POUR CUTTER**  
[72] Doppstadt, Werner, DE  
[73] Doppstadt, Werner, DE  
[22] 1994-04-18  
[30] DE (G 93 05 854.3) 1993-04-20

---

[11] **2,121,573**  
[13] C  
[51] **Int.Cl. 6C03B 37/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE PRODUCTION OF MINERAL WOOL, AND MINERAL WOOL THEREBY PRODUCED**  
[54] **METHODE ET APPAREIL POUR LA PRODUCTION DE LAINE MINERALE, ET LAINE MINERALE PRODUITE A PARTIR DE CETTE METHODE**  
[72] Battigelli, Jean, FR  
[72] Berthier, Guy, FR  
[72] Furtak, Hans, DE  
[72] Sainte-Foi, Daniel, FR  
[73] Isover Saint-Gobain, FR  
[85] 1994-04-18  
[86] 1992-08-20 (PCT/EP92/01915)  
[87] (WO94/04469)

---

[11] **2,122,379**  
[13] C  
[51] **Int.Cl. 5B65D 25/28**  
[25] EN  
[54] **BLOW MOLDED PLASTIC CONTAINER INCLUDING HANDGRIP**  
[54] **CONTENANT DE PLASTIQUE MOULE PAR SOUFFLAGE, AVEC POIGNEE FACONNEE A MEME LE MOULAGE**  
[72] Valyi, Emery I., US  
[73] PepsiCo. Inc, US  
[22] 1994-04-28  
[30] US (055,663) 1993-04-29  
[30] US (077,271) 1993-06-17

---

[11] **2,123,666**  
[13] C  
[51] **Int.Cl. 6A61C 8/00**  
[25] EN  
[54] **ANATOMICAL RESTORATION DENTAL IMPLANT SYSTEM WITH INTERLOCKABLE VARIOUS SHAPED HEALING CAP ASSEMBLY AND MATCHING ABUTMENT MEMBER**  
[54] **SYSTEME D'IMPLANT DENTAIRE DE RESTAURATION ANATOMIQUE AVEC ASSEMBLAGES DE COIFFE EMBOITABLES DE DIVERSES FORMES ET ELEMENTS DE BUTEE CORRESPONDANTS**  
[72] Daftary, Fereidoun, US  
[73] Daftary, Fereidoun, US  
[22] 1994-05-16  
[30] US (08/157,471) 1993-11-26  
[30] US (08/061,746) 1993-05-17

**Brevets canadiens délivrés  
26 octobre 1999**

---

[11] **2,123,750**  
[13] C

[51] **Int.Cl. 6B22F 1/00 6B22F 9/08**  
[25] EN  
[54] **WATER-ATOMIZED IRON POWDER AND METHOD**  
[54] **POUDRE DE FER ET PROCÉDE DE PRÉPARATION PAR ATOMISATION SOUS JET D'EAU**  
[72] Ogura, Kuniaki, JP  
[72] Ishikawa, Hiroyuki, JP  
[72] Maeda, Yoshiaki, JP  
[72] Komamura, Kouichi, JP  
[73] KAWASAKI STEEL CORPORATION, JP  
[22] 1994-05-17  
[30] JP (115523/1993) 1993-05-18  
[30] JP (196170/93) 1993-08-06  
[30] JP (256807/93) 1993-10-14

---

[11] **2,124,164**  
[13] C

[51] **Int.Cl. 6E05C 1/08**  
[25] EN  
[54] **DUAL BACKSET DEADBOLT ASSEMBLY FOR A CYLINDER LOCK**  
[54] **ENTRÉE DOUBLE LONGUEUR DE PÈNE DORMANT POUR SERRURE A BARILLET**  
[72] Fann, Yaw-Shin, TW  
[72] Kuo, Ching-Chuan, TW  
[72] Chiou, Ming-Shyang, TW  
[73] Tong-Lung Metal Industry Co., Ltd., TW  
[22] 1994-05-24  
[30] CN (94 103424.0) 1994-03-25

---

[11] **2,125,516**  
[13] C

[51] **Int.Cl. 5B62D 3/14 5B63H 21/26**  
[25] EN  
[54] **MARINE HYDRAULIC STEERING SYSTEM WITH RESERVOIR RETURNS**  
[54] **SYSTÈME DE DIRECTION HYDRAULIQUE AVEC ASSERVISSEMENT FLUIDIQUE**  
[72] McFadyen, Andrew W., CA  
[72] McBeth, James B., CA  
[72] Fetchko, Eric B., CA  
[73] Teleflex (Canada) Limited, CA  
[22] 1994-06-09  
[30] US (08/104,642) 1993-08-11

---

[11] **2,127,448**  
[13] C

[51] **Int.Cl. 6C08F 4/78 6C08F 10/00 6C08F 4/69**  
[25] EN  
[54] **DIMERIC AND TETRAMERIC CYCLOPENTADIENYL GROUP 6B METAL ALPHA-OLEFIN POLYMERIZATION CATALYSTS AND PROCESS FOR POLYMERIZING ALPHA-OLEFINS**  
[54] **CATALYSEURS A BASE DE DIMÈRE OU DE TETRAMÈRE D'UN COMPOSE RENFERMANT UN CYCLOPENTADIENYLE D'UN METAL DU GROUPE 6B; METHODE UTILISANT CES CATALYSEURS POUR LA POLYMERISATION D'ALPHA-OLEFINES**  
[72] Carney, Michael J., US  
[72] Beach, David L., US  
[73] CHEVRON U.S.A. INC., US  
[85] 1994-07-05  
[86] 1993-06-17 (PCT/US93/05805)  
[87] (WO94/11407)  
[30] US (973,139) 1992-11-06

---

[11] **2,128,070**  
[13] C

[51] **Int.Cl. 6B62D 21/09 6B21D 53/00 6B21K 1/26**  
[25] EN  
[54] **METHOD OF MANUFACTURING ENGINE CRADLES**  
[54] **METHODE DE FABRICATION DE BÂTIS MOTEURS**  
[72] Ruehl, Phillip C., US  
[72] Kretschmer, Stephen L., US  
[72] Behrmann, Richard J., US  
[73] R.J. TOWER CORPORATION, US  
[22] 1994-07-14  
[30] US (08/110,031) 1993-08-20

---

[11] **2,128,136**  
[13] C

[51] **Int.Cl. 6A61B 17/38 6A61B 17/068**  
[25] EN  
[54] **ELECTROSURGICAL STAPLING DEVICE**  
[54] **AGRAFEUSE CHIRURGICALE**  
[72] Yates, David C., US  
[72] Kuhns, Jesse J., US  
[72] Mersch, Steven H., US  
[73] ETHICON, INC., US  
[22] 1994-07-15  
[30] US (08/096,154) 1993-07-22

---

[11] **2,128,165**  
[13] C

[51] **Int.Cl. 6C08L 23/10 6B32B 27/32 6B65D 75/36**  
[25] EN  
[54] **POLYPROPYLENE RESIN COMPOSITION AND THE USE OF THE SAME**  
[54] **COMPOSITION A BASE DE RESINE DE POLYPROPYLENE ET SON UTILISATION**  
[72] Yamada, Masaya, JP  
[72] Toriumi, Michio, JP  
[72] Futami, Yasuo, JP  
[72] Shinozaki, Tetsunori, JP  
[72] Kioka, Mamoru, JP  
[73] MITSUI CHEMICALS, INC., JP  
[22] 1994-07-15  
[30] JP (177020/1993) 1993-07-16  
[30] JP (177024/1993) 1993-07-16

---

[11] **2,129,838**  
[13] C

[51] **Int.Cl. 6H01G 4/08 6H01L 27/08 6H01L 21/76**  
[25] EN  
[54] **IMPROVED METHOD FOR ISOLATING SIO2 LAYERS FROM PZT, PLZT AND PLATINUM LAYERS**  
[54] **METHODE AMELIOREE POUR ISOLER LES COUCHES DE SIO2 DES COUCHES PZT, PLZT ET DE PLATINE**  
[72] Evans, Joseph Tate Jr., US  
[72] Bullington, Jeff Allen, US  
[72] Montross, Carl Elijah Jr., US  
[73] RADIANT TECHNOLOGIES, INC., US  
[85] 1994-08-09  
[86] 1993-02-18 (PCT/US93/01469)  
[87] (WO93/18530)  
[30] US (845,064) 1992-03-03

Canadian Patents Issued  
October 26, 1999

[11] 2,131,922  
[13] C

[51] Int.Cl. 5H04B 7/26 5H04B 1/40  
[25] EN  
[54] CODE DIVISION MULTIPLE ACCESS (CDMA) INBOUND MESSAGING SYSTEM UTILIZING RE-USE OF SEQUENCES  
[54] SYSTEME DE TRANSMISSION DE MESSAGES RECUS A ACCES MULTIPLE PAR DIFFERENCE DE CODE (AMDC) QUI RE-UTILISE LES SEQUENCES  
[72] Ayerst, Douglas I., US  
[72] Carsello, Stephen R., US  
[72] Glotzbach, Warren P., US  
[73] MOTOROLA, INC., US  
[85] 1994-09-12  
[86] 1993-12-27 (PCT/US93/12634)  
[87] (WO94/16513)  
[30] US (08/004,159) 1993-01-13

[11] 2,132,993  
[13] C

[51] Int.Cl. 5C07H 23/00 5A61K 35/12 5A61K 31/70 5A61K 31/80  
[25] EN  
[54] PHYSIOLOGICALLY ACTIVE SUBSTANCE  
[54] SUBSTANCE PHYSIOLOGIQUEMENT ACTIVE  
[72] Konishi, Jin-Emon, JP  
[72] Hamada, Giichi, JP  
[73] Nippon Zoki Pharmaceutical Co., Ltd., JP  
[22] 1994-09-27  
[30] JP (265,589/1993) 1993-09-28

[11] 2,135,682  
[13] C

[51] Int.Cl. 6B60G 11/04 6B60G 7/00  
[25] EN  
[54] HIGH MOBILITY SUSPENSION SYSTEM  
[54] SYSTEME DE SUSPENSION A GRANDE MOBILITE  
[72] Depue, Steve, CA  
[72] Stoesz, Don, CA  
[73] Standen's Limited, CA  
[22] 1994-11-14  
[30] US (207,538) 1994-03-07

[11] 2,139,526  
[13] C

[51] Int.Cl. 6B03D 1/24  
[25] EN  
[54] MICROBUBBLE FLOTATION APPARATUS WITH RECYCLE  
[54] INSTALLATION DE FLOTTATION A MICROBULLES, A CIRCUIT DE RECIRCULATION  
[72] Xu, Manqui, CA  
[72] McLaughlin, Jeff, CA  
[72] Quinn, Peter, CA  
[72] Stratton-Crawley, Ric, CA  
[73] Inco Limited, CA  
[22] 1995-01-04  
[30] US (08/177,894) 1994-01-06

[11] 2,148,331  
[13] C

[51] Int.Cl. 6H01J 49/42 6H01J 49/04 6H01J 49/26  
[25] EN  
[54] ION TRAP MASS SPECTROMETER SYSTEM AND METHOD  
[54] SYSTEME ET METHODE DE SPECTROMETRIE DE MASSE A PIEGE A IONS  
[72] Bier, Mark Eric, US  
[72] Syka, John E. P., US  
[73] Finnigan Corporation, US  
[22] 1995-05-01  
[30] US (08/250,156) 1994-05-27

[11] 2,148,544  
[13] C

[51] Int.Cl. 6H01B 1/20 6H05B 33/26  
[25] EN  
[54] CONDUCTIVE COATINGS  
[54] ENDUITS CONDUCTEURS  
[72] Jonas, Friedrich, DE  
[72] Karbach, Alexander, DE  
[72] Muys, Bavo, BE  
[72] van Thillo, Etienne, BE  
[72] Wehrmann, Rolf, DE  
[72] Elschner, Andreas, DE  
[72] Dujardin, Ralf, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1995-05-03  
[30] DE (P 4416117.4) 1994-05-06  
[30] DE (19507413.0) 1995-03-03

[11] 2,149,292  
[13] C

[51] Int.Cl. 6B60R 13/01  
[25] EN  
[54] BEDLINER WITH SNAP-IN LOAD RESTRAINING MEMBER  
[54] DOUBLURE DE PLATEAU MUNIE D'UN ELEMENT FIXE PAR PRESSION SERVANT A IMMOBILISER LA CHARGE  
[72] Dresen, William L., US  
[72] Emery, Philip L., US  
[73] PENDA CORPORATION, US  
[73] PENDA CORPORATION, US  
[22] 1995-05-12  
[30] US (242,592) 1994-05-12

[11] 2,150,179  
[13] C

[51] Int.Cl. 6A63H 33/26  
[25] EN  
[54] LIGHT TOY FOR CHILDREN  
[54] JOUET LEGER POUR ENFANTS  
[72] Bergquist, Victor, CA  
[72] Wolfrom, David A., CA  
[73] Bergquist, Victor, CA  
[73] Wolfrom, David A., CA  
[22] 1995-05-25

[11] 2,151,109  
[13] C

[51] Int.Cl. 6B41J 2/36 6H04N 1/405  
[25] EN  
[54] HALFTONE RECORDING METHOD AND APPARATUS  
[54] APPAREIL ET METHODE DE SIMILIGRAVURE  
[72] Yamada, Keiki, JP  
[72] Takahashi, Masatoshi, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1995-06-06  
[30] JP (7-54155) 1995-03-14

**Brevets canadiens délivrés  
26 octobre 1999**

[11] **2,152,008**  
[13] C

[51] **Int.Cl. 6G06F 17/30 6G06F 19/00 6G08G 1/0967**  
[25] EN  
[54] **METHOD FOR IDENTIFYING HIGHWAY ACCESS RAMPS FOR ROUTE CALCULATION IN A VEHICLE NAVIGATION SYSTEM**  
[54] **METHODE D'IDENTIFICATION DES RAMPES D'ACCES D'AUTOROUTES AUX FINS DE CALCUL D'ITINERAIRE POUR SYSTEME EMBARQUE DE NAVIGATION**  
[72] Desai, Simon, US  
[72] Tamai, Haruhisa, US  
[73] VISTEON TECHNOLOGIES, LLC, US  
[22] 1995-06-16  
[30] US (08/263,604) 1994-06-20

[11] **2,152,702**  
[13] C

[51] **Int.Cl. 6B29C 41/38 6B29C 59/04 6B32B 27/06 6B32B 31/20**  
[25] EN  
[54] **SHEET FOR PRODUCING PLASTIC FILMS AND A PROCESS FOR PRODUCING THIS SHEET**  
[54] **FEUILLE SERVANT A LA PRODUCTION DE PELLICULES PLASTIQUES ET PROCEDE CONNEXE**  
[72] Hildebrandt, Gustav, DE  
[72] Büscher, Horst, DE  
[72] Leiss, Dirk, DE  
[72] Taczkowski, Reiner, DE  
[72] Kruse, Hans-Hinrich, DE  
[73] Benecke-Kaliko AG, DE  
[22] 1995-06-27  
[30] DE (P 44 22 871.6) 1994-06-30

[11] **2,153,892**  
[13] C

[51] **Int.Cl. 6F21L 9/00 6H01M 10/00 6H02J 7/02 6H01M 10/36**  
[25] EN  
[54] **FLASHLIGHT AND RECHARGING SYSTEM THEREFOR**  
[54] **LAMPE DE POCHE ET SYSTEME DE RECHARGE CONNEXE**  
[72] Sharrah, Raymond L., US  
[72] Craft, Charles W., US  
[73] Streamlight, Inc., US  
[85] 1995-07-13  
[86] 1994-01-12 (PCT/US94/00681)  
[87] (WO94/16264)  
[30] US (003,704) 1993-01-13

[11] **2,154,816**  
[13] C

[51] **Int.Cl. 6B21D 5/08 6B30B 3/00**  
[25] EN  
[54] **ROLL FORMING APPARATUS AND METHOD**  
[54] **PROFILEUSE ET METHODE CONNEXE**  
[72] Surina, Michael, CA  
[73] 807735 Ontario Limited, CA  
[22] 1995-07-27

[11] **2,157,262**  
[13] C

[51] **Int.Cl. 6G05F 3/04 6H01F 38/00 6H02H 1/04 6H02H 9/04**  
[25] EN  
[54] **SURGE ARRESTOR FOR RF DEVICES**  
[54] **PROTECTEUR ANTISURTENSION POUR DISPOSITIF RF**  
[72] Stanton, Robert, US  
[73] GENERAL INSTRUMENT CORPORATION, US  
[22] 1995-08-30  
[30] US (302,271) 1994-09-08

[11] **2,157,309**  
[13] C

[51] **Int.Cl. 6H04N 7/50**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENCODER CONTROL**  
[54] **METHODE DE COMMANDE DE CODAGE**  
[72] Botsford, Nelson III, US  
[72] Faryar, Alireza Farid, US  
[72] Hingorani, Rajesh, US  
[72] Matthews, Kim Nigel, US  
[72] Thomas, David, US  
[72] Wu, Siu-Wai, US  
[73] AT&T CORP., US  
[22] 1995-08-31  
[30] US (327,530) 1994-10-21

[11] **2,158,015**  
[13] C

[51] **Int.Cl. 6A61F 2/66**  
[25] EN  
[54] **PROSTHETIC DEVICE INCORPORATING LOW ANKLE DESIGN**  
[54] **PROTHESE POUR LA CHEVILLE, BASSE ET FLEXIBLE**  
[72] Phillips, Van L., US  
[73] Phillips, Van L., US  
[85] 1995-09-11  
[86] 1994-02-15 (PCT/US94/01578)  
[87] (WO94/22398)  
[30] US (08/043,150) 1993-03-31

[11] **2,158,659**  
[13] C

[51] **Int.Cl. 6H04Q 7/22 6H04M 11/06**  
[25] EN  
[54] **METHOD AND APPARATUS OF PROVIDING AUDIO FEEDBACK OVER A DIGITAL CHANNEL**  
[54] **PROCEDE ET APPAREIL POUR PRODUIRE UNE REACTION AUDIO SUR UN CANAL NUMERIQUE**  
[72] Grob, Matthew S., US  
[72] Karmi, Gadi, US  
[72] Kimball, Robert H., US  
[73] QUALCOMM INCORPORATED, US  
[85] 1995-09-19  
[86] 1995-02-17 (PCT/US95/02124)  
[87] (WO95/22875)  
[30] US (200,028) 1994-02-22

[11] **2,159,432**  
[13] C

[51] **Int.Cl. 6D01F 9/12**  
[25] EN  
[54] **PROCESSES FOR PREPARING MILLED GRAPHITE FIBERS**  
[54] **METHODES POUR LA PREPARATION DE FIBRES DE GRAPHITE LAMINEES**  
[72] Tamaki, Toshio, JP  
[72] Tamaki, Minoru, JP  
[72] Katsuta, Yasushi, JP  
[73] PETOCA, LTD., JP  
[22] 1995-09-28  
[30] JP (259013/1994) 1994-09-29

Canadian Patents Issued  
October 26, 1999

[11] 2,159,593  
[13] C

[51] Int.Cl. 6D21H 17/48 6D21H 21/10  
6D21H 17/53  
[25] EN  
[54] PROCESS OF MAKING PAPER  
[54] PROCEDE DE PRODUCTION DE  
PAPIER  
[72] Satterfield, Brian Frederic, US  
[72] Stockwell, John Oliver, GB  
[73] ALLIED COLLOIDS LIMITED, GB  
[85] 1995-09-29  
[86] 1995-02-06 (PCT/GB95/00232)  
[87] (WO95/21296)  
[30] US (08/191,930) 1994-02-04

[11] 2,160,357  
[13] C

[51] Int.Cl. 6H01M 6/02  
[25] EN  
[54] ELECTROCHEMICAL CELL  
WITH ZINC ANODE  
[54] CELLULE ELECTROCHIMIQUE  
AVEC ANODE EN ZINC  
[72] Newman, Gerald H., US  
[72] Woodnorth, Douglas J., US  
[72] Miller, John S., US  
[72] Kasianowicz, Alfred M., US  
[72] Kelsey, G. Stephen, US  
[72] Magnuson, Douglas C., US  
[72] Patel, Bhupendra K., US  
[73] Duracell Inc., US  
[85] 1995-10-11  
[86] 1994-01-21 (PCT/US94/00869)  
[87] (WO94/24709)  
[30] US (08/046,430) 1993-04-12

[11] 2,161,948  
[13] C

[51] Int.Cl. 6G03B 21/64  
[25] EN  
[54] STEREO-SLIDE MOUNT  
[54] MONTURE DE DIAPOSITIVE  
STEREOSCOPIQUE  
[72] Inaba, Minoru, JP  
[73] Inaba, Minoru, JP  
[22] 1995-11-01

[11] 2,162,274  
[13] C

[51] Int.Cl. 6B65D 1/02 6B29C 49/18  
6B29C 49/24 6B29C 49/50 6B29C 49/62  
[25] EN  
[54] DOUBLE-WALL BOTTLE AND  
METHOD AND APPARATUS FOR  
MOLDING THE SAME  
[54] BOUTEILLE A DOUBLE PAROI,  
ET METHODE ET APPAREIL DE  
MOULAGE DE CE TYPE DE  
BOUTEILLE  
[72] Uehara, Shinichi, JP  
[73] NISSEI ASB MACHINE CO., LTD., JP  
[85] 1995-11-06  
[86] 1994-05-06 (PCT/US94/05035)  
[87] (WO94/26498)  
[30] JP (5/131406) 1993-05-07  
[30] JP (6/114086) 1994-04-28

[11] 2,163,118  
[13] C

[51] Int.Cl. 6A61K 31/66 6A61K 31/19  
6A61K 31/57  
[25] EN  
[54] AURINTRICARBOXYLIC ACID  
FRACTIONS AND ANALOGUES WITH  
ANTI-ANGIOGENIC ACTIVITY AND  
METHODS OF USE  
[54] FRACTIONS D'ACIDE  
AURINTRICARBOXYLIQUE ET  
ANALOGUES AVEC ACTIVITE ANTI-  
ANGIOGENIQUE; METHODES  
D'UTILISATION  
[72] Bhattacharyya, Anjan, US  
[72] Collins, Delwood, US  
[72] Gagliardi, Antonio, US  
[73] UNIVERSITY OF KENTUCKY  
RESEARCH FOUNDATION, US  
[85] 1995-11-16  
[86] 1994-05-17 (PCT/US94/05738)  
[87] (WO94/26278)  
[30] US (08/061,477) 1993-05-17

[11] 2,164,516  
[13] C

[51] Int.Cl. 6E01F 15/00  
[25] EN  
[54] SLOTTED RAIL TERMINAL  
[54] GLISSIERE DE SECURITE A  
FENTES  
[72] Sicking, Dean I., US  
[72] Bligh, Roger P., US  
[72] Mak, King K., US  
[72] Ross, Hayes E., Jr., US  
[73] Texas A & M University System (The),  
US  
[85] 1995-12-05  
[86] 1994-06-10 (PCT/US94/06405)  
[87] (WO94/29528)  
[30] US (08/078,020) 1993-06-15

[11] 2,165,888  
[13] C

[51] Int.Cl. 6C07C 15/52 6C07C 201/12  
6C07C 227/16 6C07C 43/215 6C07C 47/  
232 6C07C 41/30 6C07C 67/347 6C07C  
229/44 6C07C 69/618 6C07C 45/69 6C07C  
49/794 6C07C 2/86  
[25] EN  
[54] PROCESS FOR PREPARING  
AROMATIC OLEFINS  
[54] METHODE DE PREPARATION  
D'OLEFINES AROMATIQUES  
[72] Herrmann, Wolfgang A., DE  
[72] Fischer, Jakob, DE  
[72] Elison, Martina, DE  
[72] Köcher, Christian, DE  
[73] CELANESE GMBH, DE  
[22] 1995-12-21  
[30] DE (P 44 47 068.1) 1994-12-29

[11] 2,165,891  
[13] C

[51] Int.Cl. 6C07C 47/02 6C07C 255/02  
6C07C 47/228 6C07C 69/24 6C07C 253/30  
6C07C 67/38 6C07C 45/50  
[25] EN  
[54] PROCESS FOR PREPARING  
ALDEHYDES  
[54] METHODE DE PREPARATION  
D'ALDEHYDES  
[72] Herrmann, Wolfgang A., DE  
[72] Elison, Martina, DE  
[72] Fischer, Jakob, DE  
[72] Köcher, Christian, DE  
[73] CELANESE GMBH, DE  
[22] 1995-12-21  
[30] DE (P 44 47 067.3) 1994-12-29

**Brevets canadiens délivrés  
26 octobre 1999**

[11] **2,166,779**  
[13] C

[51] **Int.Cl. 6C08F 220/04 6C08F 228/02 6C09K 17/20 6A61L 15/24 6A61L 15/60**  
[25] EN  
[54] **POWDER-FORM CROSS-LINKED POLYMERS CAPABLE OF ABSORBING AQUEOUS LIQUIDS AND BODY FLUIDS, METHOD OF PREPARING THEM AND THEIR USE**  
[54] **POLYMERES EN POUDRE, RETICULES, POUVANT ABSORBER DES FLUIDES AQUEUX ET DES LIQUIDES ORGANIQUES; METHODE DE PREPARATION ET UTILISATION**  
[72] Dahmen, Kurt, DE  
[72] Herrmann, Edgar, DE  
[72] Pfluger, Klaus, DE  
[73] Chemische Fabrik Stockhausen GmbH, DE  
[85] 1996-01-08  
[86] 1994-06-28 (PCT/EP94/02096)  
[87] (WO95/02002)  
[30] DE (P 43 23 001.6) 1993-07-09  
[30] DE (P 44 18 818.8) 1994-05-31

[11] **2,167,116**  
[13] C

[51] **Int.Cl. 6B65G 51/18**  
[25] EN  
[54] **PIPE BEND**  
[54] **COUDE DE TUYAU**  
[72] Esser, Alexander, DE  
[73] Esser-Werke GmbH & Co. KG, DE  
[22] 1996-01-12  
[30] DE (195 00 953.3) 1995-01-14

[11] **2,168,150**  
[13] C

[51] **Int.Cl. 6G03B 27/44 6G03B 27/58**  
[25] EN  
[54] **IMAGE SELECTING APPARATUS FOR PHOTOGRAPHIC PRINTER**  
[54] **DISPOSITIF DE SELECTION D'IMAGES POUR IMPRIMANTE PHOTOGRAPHIQUE**  
[72] Okazaki, Hiroki, JP  
[72] Masutani, Hironori, JP  
[72] Yamada, Junji, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1996-01-26  
[30] JP (7-11623) 1995-01-27  
[30] JP (7-12651) 1995-01-30  
[30] JP (7-32261) 1995-02-21  
[30] JP (7-71185) 1995-03-29

[11] **2,168,754**  
[13] C

[51] **Int.Cl. 6D21F 3/02**  
[25] EN  
[54] **PRE-PRESS FOR A PAPER WEB**  
[54] **PRE-PRESSE POUR UNE BANDE DE PAPIER**  
[72] Holopainen, Kari, FI  
[73] VALMET CORPORATION, FI  
[85] 1996-02-02  
[86] 1995-05-24 (PCT/FI95/00284)  
[87] (WO95/33885)  
[30] FI (942616) 1994-06-03

[11] **2,168,876**  
[13] C

[51] **Int.Cl. 6A61K 7/42 6A61K 7/04 6A61K 7/075 6A61K 7/11 6A61K 7/48**  
[25] EN  
[54] **TOPICAL PERSONAL CARE COMPOSITION CONTAINING POLYSILOXANE-GRAFTED ADHESIVE POLYMER AND DRYING AID**  
[54] **COMPOSITION TOPIQUE POUR HYGIENE PERSONNELLE, RENFERMANT UN POLYMERE ADHESIF GREFFE SUR UN POLYSILOXANE ET UN AGENT FACILITANT LE SECHAGE**  
[72] Hughes, Kendrick Jon, US  
[73] PROCTER & GAMBLE COMPANY (THE), US  
[85] 1996-02-05  
[86] 1994-08-23 (PCT/US94/09503)  
[87] (WO95/05800)  
[30] US (113,570) 1993-08-27

[11] **2,170,452**  
[13] C

[51] **Int.Cl. 6G06F 17/27**  
[25] EN  
[54] **FUZZY THESAURUS GENERATOR**  
[54] **GENERATEUR FLOU POUR THESAURUS**  
[72] Nomoto, Kohei, JP  
[72] Kubo, Takahiro, JP  
[72] Kosuge, Yoshio, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1996-02-27  
[30] JP (7-040060) 1995-02-28

[11] **2,171,938**  
[13] C

[51] **Int.Cl. 6A61M 31/00 6A61M 25/04**  
[25] EN  
[54] **FLEXIBLE RETAINER FLANGE FOR GASTROSTOMY TUBE**  
[54] **BRIDE DE RETENUE FLEXIBLE POUR UN TUBE DE GASTROSTOMIE**  
[72] Stewart, Daren L., US  
[73] Medical Innovations Corporation, US  
[85] 1996-03-15  
[86] 1994-01-06 (PCT/US94/00205)  
[87] (WO95/18640)

[11] **2,173,809**  
[13] C

[51] **Int.Cl. 6B01J 20/04 6B01J 8/04 6C01B 3/38**  
[25] EN  
[54] **PROCESS FOR OPERATING EQUILIBRIUM-CONTROLLED REACTIONS**  
[54] **PROCEDE FAVORISANT DES REACTIONS A CONTROLE D'EQUILIBRE**  
[72] Mayorga, Steven Gerard, US  
[72] Gaffney, Thomas Richard, US  
[72] Brzozowski, Jeffrey Richard, US  
[72] Carvill, Brian Thomas, US  
[72] Hufton, Jeffrey Raymond, US  
[72] Nataraj, Shankar, US  
[73] Air Products and Chemicals, Inc., US  
[22] 1996-04-10  
[30] US (08/419,317) 1995-04-10  
[30] US (08/624,147) 1996-04-08

[11] **2,174,371**  
[13] C

[51] **Int.Cl. 6F16K 1/226 6B29C 45/00**  
[25] EN  
[54] **METHOD FOR ADJUSTING VALVE SEALING ENGAGEMENT**  
[54] **METHODE POUR REGLER LA MISE EN PRISE D'UNE ETANCHEITE**  
[72] Holtgraver, Edward G., US  
[73] Henry Pratt Company, US  
[22] 1996-04-17  
[30] US (08/422,817) 1995-04-17

Canadian Patents Issued  
October 26, 1999

[11] 2,174,975  
[13] C

[51] Int.Cl. 6B60K 15/00 6F02M 21/02  
[25] EN  
[54] LPG FUEL TANK, AND FUEL  
SUPPLY SYSTEM, FOR ENGINES  
[54] RESERVOIR DE GPL ET SYSTEME  
D'ALIMENTATION POUR MOTEURS  
[72] Marcon, Robert Victor, CA  
[73] Marcon, Robert Victor, CA  
[22] 1996-04-25

[11] 2,175,022  
[13] C

[51] Int.Cl. 6B41N 1/04  
[25] EN  
[54] ARRANGEMENT FOR  
TRANSPORTING METALLIZED  
BELTS IN A MACHINE FOR  
TRANSFERRING METALLIZED  
IMAGES ONTO SHEET ELEMENTS  
[54] AGENCEMENT POUR LE  
TRANSPORT DE COURROIES  
METALLISEES DANS UNE MACHINE  
SERVANT AU TRANSFERT D'IMAGES  
METALLISEES SUR DES ELEMENTS  
EN FEUILLE  
[72] Rebeaud, Jean-Claude, CH  
[73] BOBST S.A., CH  
[22] 1996-04-25  
[30] CH (01224/95-3) 1995-04-28

[11] 2,175,743  
[13] C

[51] Int.Cl. 6A45D 40/06  
[25] FR  
[54] DISPOSITIF POUR APPLIQUER  
UN PRODUIT PATEUX, EN  
PARTICULIER UN PRODUIT  
COSMETIQUE TEL QUE DU ROUGE A  
LEVRES  
[54] STICK TYPE PRODUCT  
APPLICATOR, PARTICULARLY A  
COSMETIC PRODUCT SUCH AS  
LIPSTICK  
[72] Guéret, Jean-Louis H., FR  
[73] L'OREAL, FR  
[22] 1994-12-13  
[62] 2,137,957  
[30] FR (93 14 969) 1993-12-14

[11] 2,175,839  
[13] C

[51] Int.Cl. 6B32B 5/32 6B32B 27/32  
6B63B 35/79  
[25] EN  
[54] CORE WITH FOAMED SKIN  
COVERING  
[54] AME RECOUVERTE D'UNE PEAU  
EXPANSEE  
[72] Chang, Peter M., US  
[72] Moran, Steven Michael, US  
[73] MATTEL, INC., US  
[85] 1996-05-03  
[86] 1994-09-23 (PCT/US94/10753)  
[87] (WO95/12487)  
[30] US (08/148,690) 1993-11-05

[11] 2,175,890  
[13] C

[51] Int.Cl. 6A23F 5/48  
[25] EN  
[54] MAKING DRY COFFEE AROMA  
GAS WITH IMPROVED AROMA  
CHARACTERISTICS  
[54] FABRICATION D'UN EXTRAIT  
SEC DE CAFE DOTE D'UN MEILLEUR  
AROME  
[72] Cormaci, Alice Mary, US  
[73] PROCTER & GAMBLE COMPANY  
(THE), US  
[85] 1996-05-06  
[86] 1994-05-10 (PCT/US94/05171)  
[87] (WO95/13708)  
[30] US (08/154,902) 1993-11-18

[11] 2,177,576  
[13] C

[51] Int.Cl. 6C07D 231/10 6C07D 401/04  
6C07D 403/04 6C07D 405/04 6C07D 409/  
04 6C07D 413/04 6C07D 417/04 6C07D  
495/04 6A61K 31/41 6A61K 31/44 6A61K  
31/495 6A61K 31/535 6C07D 231/54  
[25] EN  
[54] SUBSTITUTED PYRAZOLYL  
BENZENESULFONAMIDES FOR THE  
TREATMENT OF INFLAMMATION  
[54] BENZENESULFONAMIDES DE  
PYRAZOLYLE SUBSTITUES  
DESTINES AU TRAITEMENT DES  
INFLAMMATIONS  
[72] Malecha, James W., US  
[72] Talley, John J., US  
[72] Penning, Thomas D., US  
[72] Collins, Paul W., US  
[72] Rogier, Donald J., Jr., US  
[72] Docter, Stephen H., US  
[72] Carter, Jeffery S., US  
[72] Miyashiro, Julie M., US  
[72] Bertenshaw, Stephen R., US  
[72] Khanna, Ish K., US  
[72] Graneto, Matthew J., US  
[72] Rogers, Roland S., US  
[72] Yu, Stella S., US  
[73] G. D. Searle & Co., US  
[85] 1996-05-28  
[86] 1994-11-14 (PCT/US94/12720)  
[87] (WO95/15316)  
[30] US (08/160,594) 1993-11-30  
[30] US (08/223,629) 1994-04-06

[11] 2,179,236  
[13] C

[51] Int.Cl. 6H03B 1/04  
[25] EN  
[54] RING OSCILLATOR HAVING A  
SUBSTANTIALLY SINUSOIDAL  
SIGNAL  
[54] OSCILLATEUR EN ANNEAU  
EMETTANT UN SIGNAL  
ESSENTIELLEMENT SINUSOIDAL  
[72] Abou-Seido, Maamoun, CA  
[72] Iliasevitch, Stephan, CA  
[72] Kwasniewski, Tadeusz, CA  
[73] PMC-SIERRA LTD., CA  
[22] 1996-06-17  
[30] US (08/574,922) 1995-12-19

**Brevets canadiens délivrés**  
**26 octobre 1999**

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[11] **2,180,274**  
[13] C

[51] **Int.Cl. 6E03C 1/05**  
[25] EN  
[54] **SANITARY TAP FOR AUTOMATIC WATER DELIVERY**  
[54] **ROBINET SANITAIRE DEBITANT L'EAU AUTOMATIQUEMENT**  
[72] Fait, Claudio, IT  
[73] AMERICAN STANDARD INC., US  
[85] 1996-06-28  
[86] 1995-10-31 (PCT/IB95/00942)  
[87] (WO96/14477)  
[30] IT (RE94A000095) 1994-11-08

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[11] **2,181,313**  
[13] C

[51] **Int.Cl. 6H05B 41/38 6C02F 1/32**  
[25] EN  
[54] **ELECTRONIC DRIVER FOR WATER TREATMENT SYSTEM UV BULB**  
[54] **PILOTE ELECTRONIQUE POUR LAMPE UV UTILISEE EN TRAITEMENT DE L'EAU**  
[72] Markham, Ronald C., US  
[73] Amway Corporation, US  
[22] 1996-07-16  
[30] US (08/510,426) 1995-08-02

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[11] **2,182,066**  
[13] C

[51] **Int.Cl. 6F23C 11/00 6F23Q 7/08 6F23D 11/44**  
[25] EN  
[54] **HEAVY OIL EMULSIFIED FUEL COMBUSTION EQUIPMENT**  
[54] **EQUIPEMENT DE COMBUSTION D'HYDROCARBURE EMULSIFIE A BASE D'HUILE LOURDE**  
[72] Ichinose, Toshimitsu, JP  
[72] Tokuda, Kimishiro, JP  
[72] Hiraki, Akio, JP  
[72] Hino, Yuichi, JP  
[72] Ogata, Kan, JP  
[72] Hashimoto, Tsutomu, JP  
[72] Kaneko, Shozo, JP  
[73] MITSUBISHI JUKOGYO KABUSHIKI KAISHA, JP  
[22] 1996-07-25  
[30] JP (7-217358) 1995-08-25  
[30] JP (7-257597) 1995-10-04  
[30] JP (7-324354) 1995-12-13  
[30] JP (8-57413) 1996-03-14  
[30] JP (8-102508) 1996-04-24

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[11] **2,182,764**  
[13] C

[51] **Int.Cl. 6F16C 1/14**  
[25] EN  
[54] **NON-BUCKLING CORE ELEMENT CONNECTOR WITH SNAP-RING**  
[54] **CONNECTEUR POUR ELEMENT CENTRAL, SANS DEFORMATION, AVEC ANNEAU DE BLOCAGE**  
[72] Reasoner, Michael, US  
[73] TELEFLEX INCORPORATED, US  
[22] 1996-08-06  
[30] US (08/521,125) 1995-08-29

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[11] **2,182,919**  
[13] C

[51] **Int.Cl. 6B27L 1/10 6F16G 15/04**  
[25] EN  
[54] **EXTERNALLY CHANGEABLE FLAIL APPARATUS**  
[54] **EBRANCHEUSE A FLEAUX REMPLACABLES DE L'EXTERIEUR**  
[72] Robison, Milan W., US  
[72] Cook, Michael J., US  
[73] MORBARK, INC.,  
[22] 1996-08-08  
[30] US (08/514,722) 1995-08-14

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[11] **2,183,320**  
[13] C

[51] **Int.Cl. 6C07D 471/04 6C07D 487/04 6C07D 498/04 6C07D 513/04 6C07D 491/147 6A61K 31/55**  
[25] EN  
[54] **NOVEL MERCAPTOACETYLAMIDE DISULFIDE DERIVATIVES USEFUL AS INHIBITORS OF ENKEPHALINASE AND ACE**  
[54] **NOUVEAUX DERIVES BISULFURE DE MERCAPTOACETYLAMIDES UTILES COMME INHIBITEURS DE L'ENKEPHALINASE ET DE L'ENZYME DE CONVERSION DE L'ANGIOTENSINE (ACE)**  
[72] Flynn, Gary A., US  
[72] Beight, Douglas W., US  
[72] Warshawsky, Alan M., US  
[72] Mehdi, Shujaath, US  
[72] French, John F., JP  
[72] Kehne, John H., US  
[73] MERRELL PHARMACEUTICALS INC., US  
[85] 1996-08-14  
[86] 1994-12-13 (PCT/US94/14235)  
[87] (WO95/21839)  
[30] US (08/195,423) 1994-02-14

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[11] **2,183,473**  
[13] C

[51] **Int.Cl. 6A45C 1/00 6A41F 9/00**  
[25] EN  
[54] **BURNOCK TRAVEL SAFE MONEY BELT**  
[54] **CEINTURE A ARGENT SECURITAIRE**  
[72] Burnock, Paul, CA  
[73] Burnock, Paul, CA  
[22] 1996-09-24

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[11] **2,184,339**  
[13] C

[51] **Int.Cl. 6G01N 27/12**  
[25] EN  
[54] **HYDROGEN SENSOR**  
[54] **DETECTEUR D'HYDROGENE**  
[72] Cheng, Yang-Tse, US  
[72] Li, Yang, US  
[72] Lisi, Daniel John, US  
[72] Gutowski, Stanley, US  
[72] Poli, Andrea A., US  
[73] GENERAL MOTORS CORPORATION, US  
[22] 1996-08-28  
[30] US (08/543,541) 1995-10-16

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[11] **2,185,356**  
[13] C

[51] **Int.Cl. 6H04M 3/50 6G10L 3/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR AUTOMATING TELEPHONE DIRECTORY ASSISTANCE FUNCTIONS**  
[54] **METHODE ET APPAREIL SERVANT A AUTOMATISER LES FONCTIONS D'ASSISTANCE POUR ANNUAIRES TELEPHONIQUES**  
[72] Bielby, Gregory J., CA  
[72] Sharp, R. Douglas, CA  
[72] Wasmeier, Hans A., CA  
[72] Gupta, Vishwa N., CA  
[72] Hodgson, Lauren C., CA  
[72] Lennig, Matthew, CA  
[73] NORTEL NETWORKS CORPORATION, CA  
[85] 1996-09-11  
[86] 1994-06-17 (PCT/CA94/00336)  
[87] (WO95/28790)  
[30] US (08/227,830) 1994-04-14

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Canadian Patents Issued  
October 26, 1999

[11] 2,185,571  
[13] C

[51] Int.Cl. 6G01P 15/08 6G01P 15/02  
[25] EN  
[54] SENSOR STRUCTURE WITH L-SHAPED SPRING LEGS  
[54] STRUCTURE DE DETECTION COMPRENANT DES BRANCHES DE RESSORT EN FORME DE L  
[72] Henrion, W.S., US  
[72] Erickson, Raymond K., US  
[72] Plumlee, Hubert R., US  
[72] Ip, Matthew W., US  
[73] I/O SENSORS, INC., US  
[85] 1996-09-13  
[86] 1995-03-13 (PCT/US95/03002)  
[87] (WO95/26509)  
[30] US (08/218,525) 1994-03-28

[11] 2,190,563  
[13] C

[51] Int.Cl. 6D21F 3/00 6D21F 2/00  
[25] EN  
[54] DEVICE AND METHOD TO STABILIZE SHEET BETWEEN PRESS SECTION AND DRYER SECTION OF A PAPER-MAKING MACHINE  
[54] DISPOSITIF ET METHODE POUR STABILISER LES FEUILLES ENTRE LA SECTION PRESSE ET LA SECTION SECHOIR D'UNE MACHINE A FABRIQUER LE PAPIER  
[72] MANCINI, Ralph, CA  
[73] MANCINI, Ralph, CA  
[22] 1996-11-18

[11] 2,193,304  
[13] C

[51] Int.Cl. 6B65G 21/00  
[25] EN  
[54] AERATED BELT CONVEYOR SYSTEM FOR CONVEYING HOT EXPANDED MINERALS  
[54] SYSTEME DE TRANSPORTEUR A BANDE VENTILE POUR LE TRANSPORT DE MATIERE MINERALE GONFLEE SOUS L'ACTION DE LA CHALEUR  
[72] Barabé, Richard, CA  
[72] Boisvert, Yvan, CA  
[73] PERLITE CANADA INC., CA  
[22] 1996-12-18

[11] 2,188,171  
[13] C

[51] Int.Cl. 6H04J 3/16 6H04M 11/06  
[25] EN  
[54] DATA/VOICE/FAX ADVANCED PRIORITY STATISTICAL MULTIPLEXER  
[54] MULTIPLEXEUR STATISTIQUE A PRIORITE EVOLUE DE SIGNAUX DE DONNEES/VOCAUX/DE TELECOPIE  
[72] Arimilli, Harinarayana, US  
[72] Kanchan, Vasant Kumar, US  
[72] Thanawala, Ashish A., US  
[73] MULTI-TECH SYSTEMS, INC., US  
[85] 1996-10-17  
[86] 1995-04-18 (PCT/US95/05034)  
[87] (WO95/29576)  
[30] US (08/229,958) 1994-04-19  
[30] US (08/333,365) 1994-11-02

[11] 2,191,155  
[13] C

[51] Int.Cl. 6H04M 3/56 6H04Q 3/52  
[25] EN  
[54] TELECOMMUNICATION SYSTEM WITH REMOTE CALL PICK-UP CAPABILITIES  
[54] SYSTEME DE TELECOMMUNICATION A FONCTIONS DE PRISE D'APPEL A DISTANCE  
[72] Ardon, Menachem Tsur, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1996-11-25  
[30] US (572,955) 1995-12-15

[11] 2,197,665  
[13] C

[51] Int.Cl. 6D21G 1/02  
[25] EN  
[54] HYDROSTATIC SELF-LOADING CONTROLLED DEFLECTION ROLL  
[54] ROULEAU A CHARGEMENT HYDROSTATIQUE AUTONOME ET DEFLEXION CONTROLEE  
[72] BROWN, Dale A., US  
[72] ROERIG, Arnold J., US  
[73] Beloit Technologies, Inc., US  
[85] 1997-02-14  
[86] 1995-08-10 (PCT/US95/10216)  
[87] (WO96/05367)  
[30] US (08/291,382) 1994-08-16

[11] 2,189,590  
[13] C

[51] Int.Cl. 6F25B 7/00 6F25B 49/02  
[25] EN  
[54] METHOD OF LOAD DISTRIBUTION IN A CASCADED REFRIGERATION PROCESS  
[54] PROCEDE DE REPARTITION DE CHARGE DANS UNE INSTALLATION FRIGORIFIQUE EN CASCADE  
[72] Low, William R., US  
[72] Andress, Donald L., US  
[72] Houser, Clarence G., US  
[73] Phillips Petroleum Company, US  
[22] 1996-11-04  
[30] US (08/575,436) 1995-12-20

[11] 2,192,336  
[13] C

[51] Int.Cl. 6B29B 13/10 6B02C 19/12  
[25] EN  
[54] RECONSTITUTED POLYMERIC MATERIALS  
[54] MATERIAUX POLYMERES RECONSTITUES  
[72] Khait, Klementina, US  
[73] NORTHWESTERN UNIVERSITY, US  
[85] 1996-12-06  
[86] 1994-12-01 (PCT/US94/13972)  
[87] (WO95/15819)  
[30] US (08/163,915) 1993-12-07

[11] 2,198,159  
[13] C

[51] Int.Cl. 6G01N 15/14  
[25] EN  
[54] METHOD AND APPARATUS FOR MONITORING THE DIAMETER OF THERMALLY-SPRAYED PARTICLES  
[54] METHODE ET APPAREIL POUR SURVEILLER LE DIAMETRE DE PARTICULES PULVERISEES THERMIQUEMENT  
[72] MOREAU, Christian, CA  
[72] LAMONTAGNE, Mario, CA  
[72] GOUGEON, Patrick, CA  
[73] MOREAU, Christian, CA  
[73] LAMONTAGNE, Mario, CA  
[73] GOUGEON, Patrick, CA  
[22] 1997-02-21  
[30] US (08/605,772) 1996-02-22

**Brevets canadiens délivrés  
26 octobre 1999**

[11] **2,198,976**  
[13] C

[51] **Int.Cl. 6B65B 27/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR BANDING COPPER CATHODES**  
[54] **METHODE ET DISPOSITIF POUR RELIER DES GROUPES DE CATHODES DE CUIVRE**  
[72] CLAYTON, Joseph T., US  
[72] LEMMER, Michael J., US  
[72] DAY, Kenneth L., US  
[72] HARRIS, Ethel M., US  
[72] BERGE, Karl H., US  
[72] WHITE, James N., US  
[72] GOOLSBY, James T., US  
[72] CRAVEN, Raphel C., Sr., US  
[72] FEWELL, Walter H., US  
[73] ASARCO INCORPORATED, US  
[22] 1997-03-03  
[30] US (08/610,385) 1996-03-04

[11] **2,204,720**  
[13] C

[51] **Int.Cl. 6G01V 1/18 6G01D 5/353 6G01V 1/38 6H04R 1/44**  
[25] EN  
[54] **EXTENDED, FLEXIBLE, SPATIALLY WEIGHTED FIBER OPTIC INTERFEROMETRIC HYDROPHONE**  
[54] **HYDROPHONE INTERFEROMETRIQUE UTILISANT UNE FIBRE OPTIQUE ET PRESENTANT FLEXIBILITE, ETENDUE ET UNIFORMITE SPATIALE DU SIGNAL**  
[72] FREDERICK, Donald A., US  
[72] GOLDMAN, Robert P., US  
[72] MANSELL, John E., US  
[72] MAAS, Steven J., US  
[73] Litton Systems, Inc., US  
[22] 1997-05-07  
[30] US (08/664,871) 1996-06-17

[11] **2,205,675**  
[13] C

[51] **Int.Cl. 6B67D 1/06**  
[25] EN  
[54] **BEVERAGE DISPENSING SYSTEM FOR A BAR**  
[54] **SYSTEME DE DISTRIBUTION DE BOISSON POUR BAR**  
[72] SIMARD, Gilbert, CA  
[73] Azbar Inc., CA  
[22] 1993-06-07  
[62] 2,135,904  
[30] US (894,267) 1992-06-08  
[30] US (894,269) 1992-06-08  
[30] US (895,084) 1992-06-08

[11] **2,206,194**  
[13] C

[51] **Int.Cl. 6H01Q 21/00 6H04J 15/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DIGITAL BEAM FORMING**  
[54] **METHODE ET SYSTEME DE FORMATION DE FAISCEAUX NUMERIQUES**  
[72] MA, Stephen Chih-Hung, US  
[72] RICHEY, James M., US  
[72] WANG, Shay-Ping Thomas, US  
[72] PAN, Shao Wei, US  
[73] MOTOROLA, INC., US  
[22] 1997-05-27  
[30] US (08/654,946) 1996-05-29

[11] **2,208,317**  
[13] C

[51] **Int.Cl. 6A46B 3/18**  
[25] FR  
[54] **BROSSE A PROFIL PLAN-CONCAVE**  
[54] **BRUSH WITH PLANO-CONCAVE PROFILE**  
[72] GUERET, Jean-Louis H., FR  
[73] L'OREAL, FR  
[22] 1997-06-06  
[30] FR (96 07 109) 1996-06-07

[11] **2,215,108**  
[13] C

[51] **Int.Cl. 6G01N 27/416**  
[25] EN  
[54] **ELECTROCHEMICAL GAS SENSOR**  
[54] **CAPTEUR ELECTROCHIMIQUE DES GAZ**  
[72] MALLORY, John, CA  
[72] PENG, Wenfeng, CA  
[73] SENCO SENSORS INC., CA  
[22] 1997-09-11

[11] **2,226,492**  
[13] C

[51] **Int.Cl. 6A47C 1/12**  
[25] EN  
[54] **VIBRATORY TRANSDUCER FOR AN ARTICLE OF FURNITURE**  
[54] **TRANSDUCTEUR VIBATOIRE POUR ARTICLE D'AMEUBLEMENT**  
[72] BLUEN, Jeffrey, US  
[72] BULGATZ, Dennis C., US  
[72] KALLEN, Drew, US  
[73] Aura Systems, Inc., US  
[22] 1994-06-29  
[62] 2,142,886  
[30] US (086,622) 1993-07-01

[11] **2,234,269**  
[13] C

[51] **Int.Cl. 6G01M 13/00 6G01L 1/00 6G01N 3/00 6G07C 3/14 6G01N 23/20**  
[25] EN  
[54] **METHODS FOR THE DESIGN, QUALITY CONTROL, AND MANAGEMENT OF FATIGUE-LIMITED METAL COMPONENTS**  
[54] **PROCEDES DE CONCEPTION, DE CONTROLE DE QUALITE ET DE GESTION DE COMPOSANTS METALLIQUES AYANT UNE LIMITE DE FATIGUE**  
[72] BERKLEY, Stanley G., US  
[73] FATIGUE MANAGEMENT ASSOCIATES L.L.C., US  
[85] 1998-04-08  
[86] 1996-09-24 (PCT/US96/15251)  
[87] (WO97/14032)  
[30] US (540,876) 1995-10-11

[11] **2,234,504**  
[13] C

[51] **Int.Cl. 6A61F 2/04**  
[25] EN  
[54] **IMPLANTABLE TUBULAR PROSTHESIS**  
[54] **PROTHESE TUBULAIRE IMPLANTABLE**  
[72] SCHMITT, Peter J., US  
[73] Meadox Medicals, Inc., US  
[22] 1994-11-30  
[62] 2,137,021

[11] **2,241,841**  
[13] C

[51] **Int.Cl. 6G06F 13/16**  
[25] EN  
[54] **HIGH PERFORMANCE UNIVERSAL MULTI-PORT INTERNALLY CACHED DYNAMIC RANDOM ACCESS MEMORY SYSTEM, ARCHITECTURE AND METHOD**  
[54] **SYSTEME ET ARCHITECTURE DE MEMOIRE RAM DYNAMIQUE POLYVALENTE A CAPACITE ELEVEE POSSEDANT UNE ANTEMEMOIRE INTERNE ET DES ACCES MULTIPLES ET PROCEDE**  
[72] CHATTER, Mukesh, US  
[73] CHATTER, Mukesh, US  
[85] 1998-06-29  
[86] 1996-08-12 (PCT/IB96/00794)  
[87] (WO97/24725)  
[30] US (581,467) 1995-12-29

**Canadian Patents Issued  
October 26, 1999**

---

[11] **2,245,608**

[13] C

[51] **Int.Cl. 6B25B 7/22 6B25F 1/00 6E04H  
17/26**

[25] EN

[54] **FENCING PLIER**

[54] **PINCE UTILISEE POUR REPARER  
LES CLOTURES**

[72] HAY, Patrick James, CA

[73] HAY, Patrick James, CA

[22] 1998-08-25

# Canadian Laid-Open Applications

October 3, 1999 - October 9, 1999

## Demands canadiennes mises à la disponibilité du public

3 octobre 1999 - 9 octobre 1999

---

[21] **2,227,637**  
[13] A1  
[51] **Int.Cl. 6E03B 7/00 6E03C 1/12**  
[25] EN  
[54] **THERMO RECOVERY SYSTEM**  
[54] **SYSTEME DE RECOUVREMENT DE CHALEUR**  
[72] BENNETT, Glenn R., CA  
[71] BENNETT, Glenn R., CA  
[22] 1998-04-03  
[43] 1999-10-03

---

[21] **2,227,643**  
[13] A1  
[51] **Int.Cl. 6B60R 25/10**  
[25] EN  
[54] **CAR ALARMUS**  
[54] **SYSTEME DE SECURITE POUR AUTOMOBILE**  
[72] KIEGLER, Chris, CA  
[71] KIEGLER, Chris, CA  
[22] 1998-04-03  
[43] 1999-10-03

---

[21] **2,227,646**  
[13] A1  
[51] **Int.Cl. 6A63B 59/14**  
[25] EN  
[54] **HOCKEY STICK A SUPERIOR LAMINATION TECHNIQUE RESULTING IN A SUPERIOR STRUCTURE**  
[54] **TECHNIQUE DE LAMINATION AMELIOREE DONNANT UNE CONSTITUTION SUPERIEURE POUR BATON DE HOCKEY**  
[72] MAYHEW, Kent W., CA  
[71] MAYHEW, Kent W., CA  
[22] 1998-04-03  
[43] 1999-10-03

---

[21] **2,227,655**  
[13] A1  
[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **THE SINGLE-QUEUE SWITCH**  
[54] **COMMUTATEUR A UNE SEULE FILE D'ATTENTE**  
[72] LEON-GARCIA, Alberto, CA  
[72] HASHEMI, Masoud Reza, CA  
[71] LEON-GARCIA, Alberto, CA  
[71] HASHEMI, Masoud Reza, CA  
[22] 1998-04-03  
[43] 1999-10-03

---

[21] **2,227,940**  
[13] A1  
[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6C12N 15/82**  
[25] EN  
[54] **FLORAL HOMEOTIC GENES FOR MANIPULATION OF FLOWERING IN POPLAR TREES AND OTHER PLANT SPECIES**  
[54] **GENES HOMEOTIQUES FLORAUX POUR LA MANIPULATION DE LA FLORAISON DES PEUPLIERS ET D'AUTRES ESPECES VEGETALES**  
[72] ROTTMANN, William H., US  
[72] BRUNNER, Amy M., US  
[72] SHEPPARD, Lorraine A., US  
[72] STRAUSS, Steven H., US  
[71] The State of Oregon acting by and through the State Board of Higher Educ, US  
[22] 1998-04-07  
[43] 1999-10-06  
[30] US (60/080,851) 1998-04-06

---

[21] **2,227,955**  
[13] A1  
[51] **Int.Cl. 6A61G 5/04**  
[25] FR  
[54] **I S A R D LE GRIMPEUR**  
[54] **ISARD THE CLIMBER**  
[72] DALLAIRE, Gabriel, CA  
[71] DALLAIRE, Gabriel, CA  
[22] 1998-04-06  
[43] 1999-10-06

---

[21] **2,227,964**  
[13] A1  
[51] **Int.Cl. 6B23K 37/02**  
[25] FR  
[54] **LE STAND MAGNETIQUE POUR L'ASSEMBLAGE ET LA SOUDURE UNILATERALE DES PANNEAUX DE FEUILLES FERROMAGNETIQUES**  
[54] **MAGNETIC STAND FOR THE ASSEMBLY AND THE UNILATERAL SOLDERING OF FERROMAGNETIC SHEET PANELS**  
[72] RIDER, Micael, CA  
[72] PRONIAEV, Alexandre, CA  
[71] RIDER, Micael, CA  
[71] PRONIAEV, Alexandre, CA  
[22] 1998-04-06  
[43] 1999-10-06

---

[21] **2,228,094**  
[13] A1  
[51] **Int.Cl. 6A43B 13/37**  
[25] EN  
[54] **JOSHI'S FOLD**  
[54] **PLI DE JOSHI**  
[72] CONNOR, Rosanna J., CA  
[71] CONNOR, Rosanna J., CA  
[22] 1998-04-07  
[43] 1999-10-07

---

[21] **2,228,211**  
[13] A1  
[51] **Int.Cl. 6B25F 1/00 6B24D 17/00 6G01B 3/10**  
[25] EN  
[54] **DRYWALL SMOOTHING ATTACHMENT FOR MEASURING TAPE BELT CLIP**  
[54] **POLISSAGE DE CLOISONS SECHES POUR RUBAN A MESURER DE PINCE DE CEINTURE**  
[72] SMITH, Norman James, CA  
[71] SMITH, Norman James, CA  
[22] 1998-04-07  
[43] 1999-10-07

Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

---

[21] **2,228,218**  
[13] A1  
[51] **Int.Cl. 6B62B 1/12 6A47C 13/00**  
**6B62B 3/02 6A47B 85/06**  
[25] EN  
[54] **MULTIPURPOSE CART**  
**ASSEMBLY**  
[54] **CHARIOT POLYVALENT**  
[72] AIMOLA, Gaétan, CA  
[71] AIMOLA, Gaétan, CA  
[22] 1998-04-07  
[43] 1999-10-07

---

[21] **2,228,223**  
[13] A1  
[51] **Int.Cl. 6A63F 3/02 6A63F 1/00**  
[25] EN  
[54] **POKERCHESSE**  
[54] **JEU D'ECHECS DE POCHE**  
[72] MAXIMOV, Valeri Valentinovitch, CA  
[72] MAXIMOVA, Elena Vladimirovna, CA  
[71] MAXIMOVA, Elena Vladimirovna, CA  
[71] MAXIMOV, Valeri Valentinovitch, CA  
[22] 1998-04-08  
[43] 1999-10-08

---

[21] **2,228,224**  
[13] A1  
[51] **Int.Cl. 6G06F 3/023 6G06F 3/02**  
[25] EN  
[54] **THE COMPUTER STYLUS**  
[54] **STYLET D'ORDINATEUR**  
[72] ANDERSON, Raymond L., CA  
[71] ANDERSON, Raymond L., CA  
[22] 1998-04-03  
[43] 1999-10-03

---

[21] **2,228,226**  
[13] A1  
[51] **Int.Cl. 6A61F 13/38**  
[25] EN  
[54] **TASSEL-TIP SWAB**  
[54] **TIGE A BOUT A HOUPE**  
[72] JAHANGIRI-FAMENINI, Hamid-Reza, CA  
[71] JAHANGIRI-FAMENINI, Hamid-Reza, CA  
[22] 1998-04-07  
[43] 1999-10-07

---

[21] **2,228,229**  
[13] A1  
[51] **Int.Cl. 6B60R 25/08**  
[25] EN  
[54] **THE "BAT"**  
[54] **LE «VERROU»**  
[72] ASHMEAD, Robert, CA  
[72] TOOLE, Kenneth, CA  
[72] GLAZIER, James, CA  
[72] ASHMEAD, Victor, CA  
[71] ASHMEAD, Robert, CA  
[71] TOOLE, Kenneth, CA  
[71] GLAZIER, James, CA  
[71] ASHMEAD, Victor, CA  
[22] 1998-04-09  
[43] 1999-10-09

---

[21] **2,228,230**  
[13] A1  
[51] **Int.Cl. 6A62B 35/00 6A41D 13/00**  
**6A41F 9/00**  
[25] EN  
[54] **THIRD HAND**  
[54] **TROISIEME MAIN**  
[72] HOUZER, David K., CA  
[71] HOUZER, David K., CA  
[22] 1998-04-03  
[43] 1999-10-03

---

[21] **2,228,776**  
[13] A1  
[51] **Int.Cl. 6G06K 19/18**  
[25] EN  
[54] **INDEX GRIP PLASTIC CARD**  
[54] **CARTE DE PLASTIQUE AVEC**  
**PRISE DIGITALE**  
[72] CRESPIY, Serge, CA  
[72] CRESPIY, Derek Mitchell, CA  
[72] CRESPIY, Christine, CA  
[71] CRESPIY, Serge, CA  
[71] CRESPIY, Derek Mitchell, CA  
[71] CRESPIY, Christine, CA  
[22] 1998-04-07  
[43] 1999-10-07

---

[21] **2,228,819**  
[13] A1  
[51] **Int.Cl. 6A01C 3/00 6C05F 3/00 6C02F**  
**3/04**  
[25] EN  
[54] **WASTE TREATMENT**  
[54] **TRAITEMENT DU PURIN**  
[72] GRISÉ, Michel, CA  
[71] AGRIDES INC., CA  
[22] 1998-04-09  
[43] 1999-10-09

---

[21] **2,228,877**  
[13] A1  
[51] **Int.Cl. 6E01H 5/02**  
[25] FR  
[54] **L'ADAPTEUR "MULTI"**  
[54] **THE "MULTI" ADAPTER**  
[72] LACROIX, Pierre, CA  
[71] LACROIX, Pierre, CA  
[22] 1998-04-07  
[43] 1999-10-07

---

[21] **2,228,927**  
[13] A1  
[51] **Int.Cl. 6H02K 53/00**  
[25] FR  
[54] **GENERATRICE AUTO**  
**SUFFISANTE**  
[54] **SELF-SUFFICIENT GENERATOR**  
[72] MORNEAU, Rodrigue, CA  
[72] DUCHEMIN, Yves, CA  
[71] MORNEAU, Rodrigue, CA  
[71] DUCHEMIN, Yves, CA  
[22] 1998-04-06  
[43] 1999-10-06

---

[21] **2,229,088**  
[13] A1  
[51] **Int.Cl. 6B28B 19/00**  
[25] EN  
[54] **EXPOSED AGGREGATE FOR**  
**WALLS**  
[54] **AGREGAT A DECOUVERT POUR**  
**LES MURS**  
[72] McGHEE, Trevor Melvin, CA  
[72] McGHEE, Ricky Emerson, CA  
[71] McGHEE, Trevor Melvin, CA  
[71] McGHEE, Ricky Emerson, CA  
[22] 1998-04-09  
[43] 1999-10-09

---

[21] **2,231,022**  
[13] A1  
[51] **Int.Cl. 6B60G 11/46 6B60G 17/052**  
[25] EN  
[54] **RETROFITTABLE SUSPENSION**  
**SYSTEM FOR THE REAR AXLE OF A**  
**VEHICLE**  
[54] **SYSTEME DE SUSPENSION**  
**ADAPTABLE POUR L'ESSIEU**  
**ARRIERE D'UN VEHICULE**  
[72] FORTIER, Paul Henri, CA  
[71] FORTIER, Paul Henri, CA  
[22] 1998-04-06  
[43] 1999-10-06

**Demandes canadiennes mises à la disponibilité du public**

**3 octobre 1999 - 9 octobre 1999**

<p align="right">[21] <b>2,231,024</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 13/02</b> [25] EN [54] <b>AUTOMATIC INPUT TUBE HANDLER FOR USE WITH AN ELECTRONIC COMPONENT PROCESSING MACHINE</b> [54] <b>MANIPULATEURS AUTOMATIQUES DE TUBES D'ENTREE A UTILISER AVEC UNE MACHINE DE TRAITEMENT A COMPOSANTES ELECTRIQUES</b> [72] RODIER, Sylvain, CA [71] CORFIN INC., CA [22] 1998-04-06 [43] 1999-10-06</p>	<p align="right">[21] <b>2,231,269</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 9/40 6A61K 31/66</b> [25] EN [54] <b>NOVEL COMPOUND</b> [54] <b>NOUVELLE COMPOSITION</b> [72] THATCHER, Gregory R.J., CA [72] GORINE, Boris I., CA [72] KONG, Xianqi, CA [72] SZAREK, Walter A., CA [71] Queen's University at Kingston, CA [22] 1998-04-09 [43] 1999-10-09</p>	<p align="right">[21] <b>2,233,928</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 7/46</b> [25] EN [54] <b>FLEXIBLE CONTOUR WHEELCHAIR BACKREST</b> [54] <b>DOSSIER DE FAUTEUIL ROULANT AUX CONTOURS SOUPLES MUNI D'UNE BOSSE CALE-REINS</b> [72] VALIQUETTE, Claude, CA [72] PARENT, Frédéric, CA [72] DANSEREAU, Jean, CA [71] CORPORATION DE L'ÉCOLE POLYTECHNIQUE, CA [22] 1998-04-03 [43] 1999-10-03</p>
<p align="right">[21] <b>2,231,099</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B27G 5/04</b> [25] EN [54] <b>CONSTANT ANGLE CUTTING TOOL</b> [54] <b>OUTIL DE COUPE A ANGLE CONSTANT</b> [72] TSAO, Andy, TW [71] TSAO, Andy, TW [22] 1998-04-07 [43] 1999-10-07</p>	<p align="right">[21] <b>2,231,739</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47B 77/10 6A47B 35/00 6D06F 81/00</b> [25] FR [54] <b>CABINET DE REPASSAGE</b> [54] <b>IRONING CLOSET</b> [72] BEAULIEU, André, CA [71] BEAULIEU, André, CA [22] 1998-04-03 [43] 1999-10-03</p>	<p align="right">[21] <b>2,233,933</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 5/10 6A61F 5/01</b> [25] EN [54] <b>DYNAMIC SPLINT FOR POST-OPERATIVE TREATMENT OF FLEXIBLE IMPLANT ARTHROPLASTY OF THE DIGITS</b> [54] <b>ATTELLE DYNAMIQUE POUR LE TRAITEMENT POST-OPERATOIRE SUIVANT L'ARTHROPLASTIE AUX IMPLANTS DIGITAUX FLEXIBLES</b> [72] FAIRLEIGH, Angela, CA [72] DURUISSEAU, Eugene, CA [71] THE ARTHRITIS SOCIETY, B.C. AND YUKON DIVISION, CA [22] 1998-04-03 [43] 1999-10-03</p>
<p align="right">[21] <b>2,231,112</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60B 39/00</b> [25] EN [54] <b>CHAIN EXTENDED TRACTION AID</b> [54] <b>AIDE TRACTION A CHAINE ALLONGEE</b> [72] DOYON, Gabriel, CA [71] DOYON, Gabriel, CA [22] 1998-04-07 [43] 1999-10-07</p>	<p align="right">[21] <b>2,233,515</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01D 46/00</b> [25] FR [54] <b>LE BRAS CUEILLEUR</b> [54] <b>THE BERRY PICKER</b> [72] GAGNON, Gérald, CA [71] GAGNON, Gérald, CA [22] 1998-04-06 [43] 1999-10-06</p>	<p align="right">[21] <b>2,233,976</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 3/22 6C08K 5/053 6C08K 5/54</b> [25] EN [54] <b>THERMOPLASTIC EXTRUSION PROCESS</b> [54] <b>PROCEDE D'EXTRUSION THERMOPLASTIQUE</b> [72] CHECKNITA, Douglas, CA [72] TIKUISIS, Tony, CA [72] CHISHOLM, P. Scott, CA [72] OSWIN, Robert Edward, CA [71] CHECKNITA, Douglas, CA [71] TIKUISIS, Tony, CA [71] CHISHOLM, P. Scott, CA [71] OSWIN, Robert Edward, CA [22] 1998-04-03 [43] 1999-10-03</p>
<p align="right">[21] <b>2,231,241</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E01C 19/45</b> [25] EN [54] <b>SAFER ASPHALT KETTLE</b> [54] <b>CHAUDIÈRE A ASPHALTE PLUS SURE</b> [72] CORREIA, Paulo, CA [71] CORREIA, Antonio, CA [22] 1998-04-09 [43] 1999-10-09</p>	<p align="right">[21] <b>2,233,927</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F21V 33/00 6F21P 1/00 6F21V 23/00 6E01F 13/04</b> [25] FR [54] <b>LAMP GATE PLUS</b> [54] <b>LAMPE DE PORTAIL PLUS</b> [72] GAGNON, Pierre, CA [71] GAGNON, Pierre, CA [22] 1998-04-09 [43] 1999-10-09</p>	<p align="right">[21] <b>2,233,976</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 3/22 6C08K 5/053 6C08K 5/54</b> [25] EN [54] <b>THERMOPLASTIC EXTRUSION PROCESS</b> [54] <b>PROCEDE D'EXTRUSION THERMOPLASTIQUE</b> [72] CHECKNITA, Douglas, CA [72] TIKUISIS, Tony, CA [72] CHISHOLM, P. Scott, CA [72] OSWIN, Robert Edward, CA [71] CHECKNITA, Douglas, CA [71] TIKUISIS, Tony, CA [71] CHISHOLM, P. Scott, CA [71] OSWIN, Robert Edward, CA [22] 1998-04-03 [43] 1999-10-03</p>

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[21] 2,234,006  
[13] A1

[51] **Int.Cl. 6H03M 13/12**  
[25] EN  
[54] **ENCODING AND DECODING METHODS AND APPARATUS**  
[54] **METHODES ET APPAREIL DE CODAGE ET DE DECODAGE**  
[72] KREINDELIN, Vitali B., RU  
[72] BAKOULINE, Mikhail G., RU  
[72] SHINAKOV, Yuri S., RU  
[72] TONG, Wen, CA  
[72] CHLOMA, Alexandre M., RU  
[72] WANG, Rui, CA  
[71] KREINDELIN, Vitali B., RU  
[71] BAKOULINE, Mikhail G., RU  
[71] SHINAKOV, Yuri S., RU  
[71] TONG, Wen, CA  
[71] CHLOMA, Alexandre M., RU  
[71] WANG, Rui, CA  
[22] 1998-04-06  
[43] 1999-10-06

[21] 2,234,008  
[13] A1

[51] **Int.Cl. 6H03M 7/00**  
[25] EN  
[54] **ENCODING METHODS AND APPARATUS**  
[54] **METHODES ET APPAREIL DE CODAGE**  
[72] SHINAKOV, Yuri S., RU  
[72] BAKOULINE, Mikhail G., RU  
[72] CHLOMA, Alexandre M., RU  
[72] KREINDELIN, Vitali B., RU  
[72] TONG, Wen, CA  
[72] WANG, Rui, CA  
[71] SHINAKOV, Yuri S., RU  
[71] BAKOULINE, Mikhail G., RU  
[71] CHLOMA, Alexandre M., RU  
[71] KREINDELIN, Vitali B., RU  
[71] TONG, Wen, CA  
[71] WANG, Rui, CA  
[22] 1998-04-06  
[43] 1999-10-06

[21] 2,234,012  
[13] A1

[51] **Int.Cl. 6G11B 23/18 6G11B 27/10 6H04N 5/907 6H04N 5/91**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SYNCHRONIZED MULTIPLE FORMAT DATA STORAGE**  
[54] **METHODE ET APPAREIL DE STOCKAGE SYNCHRONE DE DONNEES EN FORMATS MULTIPLES**  
[72] CLARIN, Edsel A., US  
[72] KUPNICKI, Richard A., CA  
[72] PETRESCU, Mihai G., US  
[72] ROTH, Todd S., US  
[72] CREVE, Hilton S., US  
[71] LEITCH TECHNOLOGY CORPORATION, CA  
[22] 1998-04-06  
[43] 1999-10-06

[21] 2,234,013  
[13] A1

[51] **Int.Cl. 6H04B 10/17 6H04B 10/18**  
[25] EN  
[54] **IN-FIBER TWO-STAGE AMPLIFIER PROVIDING WDM SIGNAL CONDITIONING**  
[54] **AMPLIFICATEUR DE FIBRES A DEUX ETAGES FOURNISSANT UN PRETRAITEMENT DES SIGNAUX DE MULTIPLEXEUR EN LONGUEUR D'ONDE**  
[72] GUY, Martin, CA  
[72] LAUZON, Jocelyn, CA  
[71] Institut National d'Optique, CA  
[22] 1998-04-06  
[43] 1999-10-06

[21] 2,234,015  
[13] A1

[51] **Int.Cl. 6A44B 11/26**  
[25] EN  
[54] **FASTENING MECHANISM FOR CONNECTING ARTICLES AND THE LIKE TOGETHER**  
[54] **MECANISME DE FIXATION D'ARTICLES ET D'OBJETS DIVERS**  
[72] ORTIZ, Kim A., US  
[71] ORTIZ, Kim A., US  
[22] 1998-04-06  
[43] 1999-10-06

[21] 2,234,022  
[13] A1

[51] **Int.Cl. 6G05D 17/00 6B01J 19/08**  
[25] EN  
[54] **LIGHT-DRIVEN MOLECULAR ROTATIONAL MOTOR**  
[54] **MOTEUR MOLECULAIRE ROTATIF MU PAR LA LUMIERE**  
[72] GALSTIAN, Tigran, CA  
[71] UNIVERSITÉ LAVAL, CA  
[22] 1998-04-06  
[43] 1999-10-06

[21] 2,234,033  
[13] A1

[51] **Int.Cl. 6H04L 12/24 6H04N 7/15 6H04L 12/28 6H04L 12/54**  
[25] EN  
[54] **MULTI-MEDIA COLLABORATION NETWORK**  
[54] **RESEAU A DISTANCE DE COLLABORATION EN MULTIMEDIA**  
[72] DESPARS, Jacques, CA  
[72] DUGRÉ, Martin, CA  
[71] JAZZ MEDIA NETWORK, CA  
[22] 1998-04-03  
[43] 1999-10-03

[21] 2,234,037  
[13] A1

[51] **Int.Cl. 6H04L 25/06**  
[25] EN  
[54] **LATCH-UP RECOVERY IN QUANTIZED FEEDBACK DC RESTORER CIRCUITS**  
[54] **REPRISE APRES VERROUILLAGE CHEZ LES CIRCUITS DE RESTAURATION CC A REINJECTION QUANTIFIEE**  
[72] SHAKIBA, Mohammad Hossein, CA  
[71] GENNUM CORPORATION, CA  
[22] 1998-04-03  
[43] 1999-10-03

**Demandes canadiennes mises à la disponibilité du public**  
**3 octobre 1999 - 9 octobre 1999**

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[21] **2,234,040**  
[13] A1

[51] **Int.Cl. 6F16B 39/30 6F16B 25/04**  
[25] EN  
[54] **SCREW FOR USE AS A FASTENER IN FIBROUS MATERIAL SUCH AS WOOD**  
[54] **VIS DESTINEE A SERVIR DANS DES MATIERES FIBREUSES COMME LE BOIS**  
[72] WALTHER, Uli, CA  
[72] WALTHER, Thorsten, CA  
[72] WALTHER, Mirco, CA  
[71] WALTHER, Uli, CA  
[71] WALTHER, Gerda, CA  
[71] WALTHER, Thorsten, CA  
[71] WALTHER, Mirco, CA  
[22] 1998-04-03  
[43] 1999-10-03

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[21] **2,234,048**  
[13] A1

[51] **Int.Cl. 6A01K 1/01**  
[25] EN  
[54] **ANIMAL EXCREMENT SCOOP KIT**  
[54] **ENSEMBLE DE PELLE POUR LE RAMASSAGE DE MATIERE FECALE**  
[72] MUIRHEAD, Don, CA  
[72] BALSRAW, Barry, CA  
[71] MUIRHEAD, Don, CA  
[71] BALSRAW, Barry, CA  
[22] 1998-04-03  
[43] 1999-10-03

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[21] **2,234,085**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6H04L 12/14 6H04N 7/15 6G06F 17/40 6H04L 12/54**  
[25] EN  
[54] **COMMUNICATIONS TERMINAL SYSTEM**  
[54] **SYSTEME DE POSTE DE COMMUNICATION INFORMATIQUE**  
[72] POISSON, Michel, CA  
[71] JAZZ MEDIA NETWORK, CA  
[22] 1998-04-03  
[43] 1999-10-03

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[21] **2,234,137**  
[13] A1

[51] **Int.Cl. 6A61C 5/04**  
[25] EN  
[54] **TOOTH RESTORATION USING FIBRE-REINFORCED COMPOSITE MATERIAL**  
[54] **RESTAURATION D'UNE DENT EN EMPLOYANT UN MATERIAU COMPOSITE ARME DE FIBRE**  
[72] KIM, Chang Yeal, CA  
[71] KIM, Chang Yeal, CA  
[22] 1998-04-03  
[43] 1999-10-03

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[21] **2,234,177**  
[13] A1

[51] **Int.Cl. 6B62K 13/04 6B62H 7/00 6B62K 9/02**  
[25] EN  
[54] **ADAPTABLE CYCLE ENFANT**  
[54] **VELOCIPEDE ADAPTABLE POUR ENFANT**  
[72] PREA, François, FR  
[71] X-HOLD, FR  
[22] 1998-04-07  
[43] 1999-10-07

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[21] **2,234,179**  
[13] A1

[51] **Int.Cl. 6B25B 13/02 6B25B 13/06**  
[25] EN  
[54] **ROTARY WRENCHING TOOL**  
[54] **CLE ROTATIVE**  
[72] HU, Bobby, TW  
[72] LIN, Li-Hua, TW  
[71] HU, Bobby, TW  
[22] 1998-04-07  
[43] 1999-10-07

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[21] **2,234,181**  
[13] A1

[51] **Int.Cl. 6A47C 7/60**  
[25] EN  
[54] **CHAIR LOCKING MECHANISM**  
[54] **MECANISME DE VERROUILLAGE DE CHAISE**  
[72] DESNOYERS, Charles, CA  
[72] BELLEFLEUR, Pierre, CA  
[72] FONTAINE, Eric, CA  
[71] DUTAILIER INTERNATIONAL INC., CA  
[22] 1998-04-07  
[43] 1999-10-07

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[21] **2,234,182**  
[13] A1

[51] **Int.Cl. 6B09C 1/02**  
[25] EN  
[54] **TREATMENT OF SOIL CONTAMINATED WITH HAZARDOUS RESIDUES**  
[54] **TRAITEMENT DES SOLS CONTAMINES PAR DES MATIERES DANGEREUSES**  
[72] SINGH, Ajay, CA  
[72] WARD, Owen P., CA  
[72] BILLINGSLEY, Kate, CA  
[71] PETROZYME TECHNOLOGIES INC., CA  
[22] 1998-04-07  
[43] 1999-10-07

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[21] **2,234,184**  
[13] A1

[51] **Int.Cl. 6B65D 90/30 6B60P 3/22 6B65D 90/28**  
[25] EN  
[54] **METHOD AND APPARATUS TO CONTROL GAS BREAKOUT IN TRANSPORT TANKS**  
[54] **METHODE ET APPAREIL DE CONTROLE DES FUITES DE GAZ DANS LES CITERNES DE TRANSPORT**  
[72] ROSS, Bruce, CA  
[71] ROSS, Bruce, CA  
[22] 1998-04-07  
[43] 1999-10-07

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[21] **2,234,188**  
[13] A1

[51] **Int.Cl. 6C08F 4/64 6C08F 10/00 6C08F 2/04**  
[25] EN  
[54] **HEAT TREATMENT OF ZIEGLER-NATTA CATALYSTS TO INCREASE ACTIVITY IN SOLUTION POLYMERIZATION PROCESS**  
[54] **TRAITEMENT THERMIQUE DES CATALYSEURS ZIEGLER-NATTA EN VUE D'ACCROITRE L'ACTIVITE DANS LA POLYMERISATION EN SOLUTION**  
[72] JABER, Isam, CA  
[71] NOVA Chemicals Ltd., CA  
[22] 1998-04-07  
[43] 1999-10-07

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[21] **2,234,189**  
[13] A1

[51] **Int.Cl. 6C08F 4/64 6C08F 2/04 6C08F 210/16**

[25] EN

[54] **HEAT TREATMENT OF ZIEGLER-NATTA CATALYSTS TO INCREASE POLYMER MOLECULAR WEIGHT IN SOLUTION POLYMERIZATION**

[54] **TRAITEMENT THERMIQUE DES CATALYSEURS ZIEGLER-NATTA EN VUE D'ACCROITRE LE POIDS MOLECULAIRE DES POLYMERES DANS LA POLYMERISATION EN SOLUTION**

[72] JABER, Isam, CA

[71] NOVA Chemicals Ltd., CA

[22] 1998-04-07

[43] 1999-10-07

[21] **2,234,202**  
[13] A1

[51] **Int.Cl. 6G01V 3/165 6G01V 3/11 6G01V 3/16**

[25] EN

[54] **METHOD AND APPARATUS FOR DETECTING, LOCATING AND RESOLVING BURIED PIPELINES, CASED WELLS AND OTHER FERROUS OBJECTS**

[54] **METHODE ET APPAREIL POUR LA DETECTION, LA LOCALISATION ET LA RESOLUTION DE PIPELINES ENFOUIS, DE Puits TUBES ET D'AUTRES OBJETS FERREUX**

[72] RYDER-TURNER, Alastair, CA

[72] MCCONNELL, Terence, CA

[72] SEIGEL, Harold O., CA

[71] Scintrex Limited, CA

[22] 1998-04-03

[43] 1999-10-03

[21] **2,234,279**  
[13] A1

[51] **Int.Cl. 6A01K 85/12**

[25] EN

[54] **A SINGLE-BLADED, MULTI-ACTION FISHING LURE**

[54] **APPAT POUR LA PECHE A LAME UNIQUE ET A ACTIONS MULTIPLES**

[72] MAHER, Peter, CA

[71] MAHER, Peter, CA

[22] 1998-04-07

[43] 1999-10-07

[21] **2,234,293**  
[13] A1

[51] **Int.Cl. 6G03B 23/08 6G11B 27/10**

[25] FR

[54] **CASSETTE AUTONOME DE CLAVIERS INTERACTIFS CONTENANT DES MENUS DEROULANT DE FILMS PHOTOGRAPHIQUES POSITIFS INSERES**

[54] **OFF-LINE CARTRIDGE FOR INTERACTIVE KEYBOARDS CONTAINING INTEGRATED POSITIVE PHOTOGRAPHIC FILM PULL-DOWN MENUS**

[72] COMBALUZIER, Pierre Michel, CA

[71] COMBALUZIER, Pierre Michel, CA

[22] 1998-04-03

[43] 1999-10-03

[21] **2,234,295**  
[13] A1

[51] **Int.Cl. 6A45D 24/22**

[25] EN

[54] **FLUID DISPENSING DEVICE**

[54] **DISPOSITIF DE DISTRIBUTION DE LIQUIDES**

[72] PAGLERICCIO, Fernando P., CA

[72] GIRARD, Chester F., CA

[71] PAGLERICCIO, Fernando P., CA

[71] GIRARD, Chester F., CA

[22] 1998-04-07

[43] 1999-10-07

[21] **2,234,302**  
[13] A1

[51] **Int.Cl. 6B62D 33/04 6B60B 33/02 6B60P 7/04**

[25] EN

[54] **TRACTOR TRAILER COVER ASSEMBLY**

[54] **BACHE DE REMORQUE DE TRACTEUR**

[72] NEWMAN, Mark, CA

[72] MASTERSON, Patrick C., CA

[71] NEWMAN, Mark, CA

[71] MASTERSON, Patrick C., CA

[22] 1998-04-07

[43] 1999-10-07

[21] **2,234,303**  
[13] A1

[51] **Int.Cl. 6E06C 7/46 6E06C 7/06**

[25] EN

[54] **LADDER ANCHOR**

[54] **PIECE D'ANCRAGE POUR ECHELLE**

[72] REID, Brent, CA

[71] REID, Brent, CA

[22] 1998-04-07

[43] 1999-10-07

[21] **2,234,304**  
[13] A1

[51] **Int.Cl. 6G11B 23/03 6B65D 85/57**

[25] EN

[54] **SIDEMISE LOADING DISC JACKET**

[54] **CHARGEMENT LATERAL DE DISQUES COMPACTS**

[72] AU, Kam-yan, HK

[71] AU, Kam-yan, HK

[22] 1998-04-07

[43] 1999-10-07

[21] **2,234,321**  
[13] A1

[51] **Int.Cl. 6B65B 1/36 6B65B 29/00 6B65B 43/14**

[25] EN

[54] **SANDBAGGING SYSTEM**

[54] **SYSTEME SERVANT A ERIGER UN MUR DE SACS DE SABLE**

[72] LEEMAN, Gary, US

[72] NELSON, Titus W., US

[71] LEEMAN, Gary, US

[71] NELSON, Titus W., US

[22] 1998-04-08

[43] 1999-10-08

[21] **2,234,323**  
[13] A1

[51] **Int.Cl. 6B65D 21/024 6F16N 31/02**

[25] EN

[54] **DRIP TRAY**

[54] **CUVETTE D'EGOUTTAGE**

[72] HOLTBY, Quinn, CA

[71] HOLTBY, Quinn, CA

[22] 1998-04-07

[43] 1999-10-07

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,234,330**  
[13] A1

[51] **Int.Cl. 6A63H 3/33**  
[25] EN  
[54] **INTERACTIVE TOYS**  
[54] **JOUETS INTERACTIFS**  
[72] CHAN, Albert, CA  
[71] Thinkway Trading Corporation, CA  
[22] 1998-04-08  
[43] 1999-10-08

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[21] **2,234,347**  
[13] A1

[51] **Int.Cl. 6E04B 2/28**  
[25] EN  
[54] **HEADER TRACK FOR WALL ASSEMBLY**  
[54] **RAIL DE TETE POUR ASSEMBLAGE DE MUR**  
[72] EGRI, John David II, US  
[71] EGRI, John David II, US  
[22] 1998-04-08  
[43] 1999-10-08

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[21] **2,234,349**  
[13] A1

[51] **Int.Cl. 6A61K 48/00 6C12Q 1/02 6C12Q 1/48 6C12Q 1/68 6A61K 31/70**  
[25] EN  
[54] **METHOD OF REDUCING BOAR TAIN**  
[54] **METHODE DE REDUCTION DE SUBSTANCES ODORANTES**  
[72] BABOL, Jakub, SE  
[72] LUNDSTROM, Kerstin, SE  
[72] SQUIRES, E. James, CA  
[71] UNIVERSITY OF GUELPH, CA  
[22] 1998-04-08  
[43] 1999-10-08

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[21] **2,234,356**  
[13] A1

[51] **Int.Cl. 6F16D 13/00 6A01D 34/68**  
[25] EN  
[54] **NON-RIDING COMMERCIAL LAWNMOWER HAVING AN END SHAFT MOUNTED CLUTCH**  
[54] **TONDEUSE A GAZON COMMERCIALE SANS SIEGE MUNIE D'UN EMBRAYAGE MONTE SUR UNE EXTREMITE D'ARBRE**  
[72] CAPPO, Frederick L., US  
[72] YOUNG, Ralph C., US  
[71] CAPPO, Frederick L., US  
[71] YOUNG, Ralph C., US  
[22] 1998-04-08  
[43] 1999-10-08

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[21] **2,234,373**  
[13] A1

[51] **Int.Cl. 6E01F 5/00 6E02B 11/00 6E03F 1/00**  
[25] EN  
[54] **DRAIN CHANNEL SYSTEM**  
[54] **RESEAU D'ASSAINISSEMENT**  
[72] WAHL, Hendrik, DE  
[72] WAGNER, Frank, DE  
[72] DIETRICH, Martin, DE  
[72] KRUSE, Peter, DE  
[71] WAGNER, Frank, DE  
[71] DIETRICH, Martin, DE  
[71] KRUSE, Peter, DE  
[22] 1998-04-09  
[43] 1999-10-09

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[21] **2,234,374**  
[13] A1

[51] **Int.Cl. 6E01F 15/10**  
[25] EN  
[54] **ENERGY-ABSORBING IMPACT BARRIER FOR A PRE-DETERMINED PATHWAY AND A MODULE UTILIZED TO ASSEMBLE SUCH BARRIER**  
[54] **BARRIERE D'AMORTISSEMENT D'IMPACT POUR VOIE PREDETERMINEE ET MODULE D'ASSEMBLAGE**  
[72] TENNYSON, David Anthony, CA  
[71] D.T. MOTORSPORT INC., CA  
[22] 1998-04-09  
[43] 1999-10-09

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[21] **2,234,381**  
[13] A1

[51] **Int.Cl. 6A47L 9/06**  
[25] EN  
[54] **VACUUM NOZZLE AND BRUSHES FOR CORNERS**  
[54] **BUSE ET BROSSES D'ASPIRATEUR POUR LES COINS**  
[72] ZYGOCKI, Michael, CA  
[71] ZYGOCKI, Michael, CA  
[22] 1998-04-06  
[43] 1999-10-06

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[21] **2,234,384**  
[13] A1

[51] **Int.Cl. 6G11B 5/55 6G11B 5/02 6G11B 19/14**  
[25] EN  
[54] **IMPROVED TRACKING IN HARD DISK DRIVE USING MAGNETORESISTIVE HEADS**  
[54] **LECTURE DE SILLON DE DISQUE DUR AMELIOREE GRACE A DES TETES MAGNETORESISTANTES**  
[72] PIRZADEH, Sean, US  
[71] QUANTUM CORPORATION, US  
[22] 1998-04-08  
[43] 1999-10-08

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[21] **2,234,476**  
[13] A1

[51] **Int.Cl. 6A01H 5/00 6C11B 9/00 6A01N 65/00 6A01N 35/02 6C07C 47/21**  
[25] EN  
[54] **MOSQUITO AND/OR FLEA CONTROL**  
[54] **LUTTE CONTRE LES MOUSTIQUES ET LES PUCES**  
[72] MOLYNEUX, William Mitchell, AU  
[71] MOLYNEUX, William Mitchell, AU  
[22] 1998-04-09  
[43] 1999-10-09

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[21] **2,234,479**  
[13] A1

[51] **Int.Cl. 6F21P 3/00 6F21V 33/00**  
[25] EN  
[54] **NOVELTY LAMP**  
[54] **LAMPE FANTAISIE**  
[72] KAVIANI, Ali, US  
[71] Spencer Gifts, US  
[22] 1998-04-09  
[43] 1999-10-09

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[21] **2,234,488**  
[13] A1

[51] **Int.Cl. 6H02K 9/02**  
[25] EN  
[54] **MODULAR MOTOR**  
[54] **MOTEUR MODULAIRE**  
[72] WHITELEY, Eric, CA  
[71] WHITELEY, Eric, CA  
[22] 1998-04-09  
[43] 1999-10-09

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Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

[21] 2,234,493  
[13] A1

[51] Int.Cl. 6G06F 13/42  
[25] EN  
[54] STATE MACHINE  
ARCHITECTURE WITH  
MULTIPLEXED RANDOM ACCESS  
MEMORY  
[54] ARCHITECTURE D'AUTOMATE  
FINI AVEC MEMOIRE A LIBRE ACCES  
MULTIPLEX  
[72] CARR, Larrie Simon, CA  
[72] MOK, Winston Ki-Cheong, CA  
[71] PMC-Sierra Ltd., CA  
[22] 1998-04-09  
[43] 1999-10-09

[21] 2,234,495  
[13] A1

[51] Int.Cl. 6E21B 7/08  
[25] EN  
[54] ADJUSTABLE GAUGE  
DOWNHOLE DRILLING ASSEMBLY  
[54] ASSEMBLAGE DE MARTEAU  
FOND-DE-TROU A JAUGE REGLABLE  
[72] COMEAU, LAURIER E., CA  
[72] CRASE, Gary M., US  
[72] ROBERTS, Paul, US  
[72] REID, Charles M., CA  
[72] GILLIS, Ian, CA  
[71] DRESSER INDUSTRIES, INC., US  
[22] 1998-04-09  
[43] 1999-10-09

[21] 2,234,497  
[13] A1

[51] Int.Cl. 6G06F 17/28 6G06F 3/02  
[25] EN  
[54] A REFLECTIVE MULTIMEDIA  
MULTIUSER CONVERSATIONAL  
TOOL  
[54] DISPOSITIF DE CONVERSATION  
MULTIMEDIA PAR OBJECTIVATION  
POUR UTILISATEURS MULTIPLES  
[72] HUBLEY, Craig, CA  
[71] HUBLEY, Craig, CA  
[22] 1998-04-09  
[43] 1999-10-09

[21] 2,234,501  
[13] A1

[51] Int.Cl. 6H04B 7/24 6A47G 23/00  
[25] EN  
[54] RADIO TRANSMITTING DEVICE  
[54] DISPOSITIF DE  
RADIOTRANSMISSION  
[72] HOPTROFF, Richard, CA  
[71] HOPTROFF, Richard, CA  
[22] 1998-04-09  
[43] 1999-10-09

[21] 2,234,503  
[13] A1

[51] Int.Cl. 6F23D 5/04 6F23D 5/12  
[25] EN  
[54] BURNER  
[54] BRULEUR  
[72] MAROIS, Sarto, CA  
[71] OUTILS ALTA TOOLS INC., CA  
[22] 1998-04-09  
[43] 1999-10-09

[21] 2,234,521  
[13] A1

[51] Int.Cl. 6G01R 31/3177 6G01R 31/3183  
[25] EN  
[54] METHOD AND APPARATUS FOR  
IMPROVING STUCK-AT FAULT  
DETECTION IN LARGE SCALE  
INTEGRATED CIRCUIT TESTING  
[54] METHODE ET DISPOSITIF  
PERMETTANT D'AMELIORER LA  
DETECTION DES DEFAUTS DE  
COLLAGE AU COURS DES ESSAIS DE  
CIRCUITS INTEGRES A GRANDE  
ECHELLE  
[72] SWIC, Monika, CA  
[72] INIEWSKI, Kris, CA  
[72] LAPADAT, Curtis, CA  
[72] CARR, Larrie Simon, CA  
[72] NAKAMOTO, Alan, CA  
[71] PMC-Sierra Ltd., CA  
[22] 1998-04-09  
[43] 1999-10-09

[21] 2,234,534  
[13] A1

[51] Int.Cl. 6B62D 25/20 6B62D 33/00  
[25] EN  
[54] ADJUSTABLE DECKING SYSTEM  
[54] SYSTEME DE PLATE-FORME  
REGLABLE  
[72] PETELKA, Brian W., CA  
[71] Aero-Kit Industries Inc., CA  
[22] 1998-04-09  
[43] 1999-10-09

[21] 2,234,549  
[13] A1

[51] Int.Cl. 6B60P 1/32  
[25] EN  
[54] SIDE UNLOADING DUMP  
VEHICLE  
[54] VEHICULE A BENNE A  
DECHARGEMENT LATERAL  
[72] NEUFELD, Marvin, CA  
[71] NEUFELD, Marvin, CA  
[22] 1998-04-08  
[43] 1999-10-08

[21] 2,234,588  
[13] A1

[51] Int.Cl. 6C07K 14/47 6A61K 38/17  
[25] EN  
[54] VIRUS INDUCED  
PHOSPHORYLATION OF  
INTERFERON REGULATORY  
FACTOR-3  
[54] PHOSPHORYLATION INDUIT PAR  
VIRUS DE L'INTERFERON  
REGULATOIRE DE FACTEUR-3  
[72] LIN, RONGTUAN, CA  
[72] HISCOTT, JOHN, CA  
[71] THE SIR MORTIMER B. DAVIS -  
JEWISH GENERAL HOSPITAL, CA  
[22] 1998-04-07  
[43] 1999-10-07

[21] 2,234,589  
[13] A1

[51] Int.Cl. 6A61F 2/06  
[25] EN  
[54] EXPANDABLE STENT  
[54] ENDOPROTHESE VASCULAIRE  
EXTENSIBLE  
[72] BROWN, Robert I. G., CA  
[71] RD INNOVATIONS INC., CA  
[22] 1998-04-07  
[43] 1999-10-07

**Demandes canadiennes mises à la disponibilité du public**

**3 octobre 1999 - 9 octobre 1999**

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[21] **2,234,597**  
[13] A1

[51] **Int.Cl. 6F41H 11/16 6G01V 9/00**  
[25] EN  
[54] **LANDMINE DETECTION VEHICLE**  
[54] **VEHICULE DE DETECTION DE MINES TERRESTRES**  
[72] ROLFE, Daniel, CA  
[72] BORZA, Michael A., CA  
[72] PLUMMER, Andrew, CA  
[71] ROLFE, Daniel, CA  
[71] BORZA, Michael A., CA  
[71] PLUMMER, Andrew, CA  
[22] 1998-04-09  
[43] 1999-10-09

---

[21] **2,238,899**  
[13] A1

[51] **Int.Cl. 6H02G 1/14**  
[25] EN  
[54] **CONDUIT COMPRESSION FIXTURE**  
[54] **FIXATION DE COMPRESSION DE CONDUIT**  
[72] CHUMLEY, Maxie G., US  
[72] MAGERA, Darin P., US  
[72] WELDIN, Larry G., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-05-28  
[43] 1999-10-08  
[30] US (056,925) 1998-04-08

---

[21] **2,244,291**  
[13] A1

[51] **Int.Cl. 6H04M 3/48 6H04M 1/57**  
[25] EN  
[54] **AUTOMATIC DISPOSAL OF A WAITING CALL DURING A CALL IN PROGRESS**  
[54] **SUPPRESSION AUTOMATIQUE D'UN APPEL EN ATTENTE PENDANT UN APPEL EN COURS**  
[72] JONES, Eric A., US  
[72] DETERING, Greig R., US  
[71] AG COMMUNICATION SYSTEMS CORPORATION, US  
[22] 1998-07-28  
[43] 1999-10-03  
[30] US (054,716) 1998-04-03

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[21] **2,236,661**  
[13] A1

[51] **Int.Cl. 6B65D 90/66 6B65D 90/10 6B60P 3/22**  
[25] EN  
[54] **AUTOMATED HATCH OPENING DEVICE**  
[54] **DISPOSITIF D'OUVERTURE DE HAYON AUTOMATISEE**  
[72] MATYE, Reinhard, US  
[72] SKEEL, Phillip Dean, US  
[71] DCL, INC., US  
[22] 1998-05-28  
[43] 1999-10-08  
[30] US (09/057,207) 1998-04-08

---

[21] **2,239,998**  
[13] A1

[51] **Int.Cl. 6B61H 13/30 6B60T 8/18**  
[25] EN  
[54] **ELECTRONIC EMERGENCY BRAKE LOAD WEIGH DEVICE**  
[54] **DISPOSITIF ELECTRONIQUE DE DETECTION D'EFFORT DE FREINAGE D'URGENCE**  
[72] MAZUR, Richard J., US  
[72] WOOD, James A., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-06-08  
[43] 1999-10-09  
[30] US (057,673) 1998-04-09

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[21] **2,245,107**  
[13] A1

[51] **Int.Cl. 6G01G 19/02 6G01M 17/00**  
[25] EN  
[54] **VEHICLE WEIGHING SYSTEM FOR DYNAMOMETER**  
[54] **SYSTEME DE PESAGE DE VEHICULE POUR DYNAMOMETRE**  
[72] ZARCHY, Richard R., US  
[71] SNAP-ON TOOLS COMPANY, US  
[22] 1998-08-17  
[43] 1999-10-03  
[30] US (09/054,789) 1998-04-03

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[21] **2,238,819**  
[13] A1

[51] **Int.Cl. 6F16L 3/123**  
[25] EN  
[54] **SUSPENSION CLAMP**  
[54] **PINCE DE SUSPENSION**  
[72] SNYDER, Darryl L., US  
[71] SNYDER NATIONAL INC., US  
[22] 1998-05-26  
[43] 1999-10-08  
[30] US (09/056,804) 1998-04-08

---

[21] **2,242,492**  
[13] A1

[51] **Int.Cl. 6G07F 9/06**  
[25] EN  
[54] **LOCKABLE CASH BOX FOR A VENDER**  
[54] **CAISSE VERROUILLABLE POUR DISTRIBUTEUR AUTOMATIQUE**  
[72] SCHWARZLI, Josef W., CA  
[71] SCHWARZLI, Josef W., CA  
[22] 1998-07-06  
[43] 1999-10-07  
[30] US (09/055,752) 1998-04-07

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[21] **2,245,421**  
[13] A1

[51] **Int.Cl. 6C09J 11/06 6C09J 131/04 6E04F 15/10**  
[25] EN  
[54] **EASY CLEAN GLUE FORMULATION FOR FLOORING AND METHOD OF USING SAME**  
[54] **COMPOSITION DE COLLE A NETTOYAGE FACILE POUR REVETEMENTS DE SOL, ET SON MODE D'EMPLOI**  
[72] WHETSTONE, William F., US  
[71] FORMICA CORPORATION, US  
[22] 1998-08-24  
[43] 1999-10-03  
[30] US (09/054,664) 1998-04-03

Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

[21] 2,246,462  
[13] A1

[51] **Int.Cl. 6F01P 7/16**  
[25] EN  
[54] **COOLING SYSTEM FOR AN AUTOMOTIVE ENGINE**  
[54] **SYSTEME DE REFROIDISSEMENT POUR MOTEUR D'AUTOMOBILE**  
[72] KUZE, Yoshikazu, JP  
[71] KUZE, Yoshikazu, JP  
[22] 1998-09-03  
[43] 1999-10-03  
[30] JP (128,019/98) 1998-04-03  
[30] JP (201,038/98) 1998-06-12  
[30] JP (219,531/98) 1998-06-30

[21] 2,246,836  
[13] A1

[51] **Int.Cl. 6A01M 1/04**  
[25] EN  
[54] **TRAP FOR CATCHING INSECTS**  
[54] **PIEGE A INSECTES**  
[72] BURROWS, John Allen, GB  
[72] KAYE, Mathew Varghese, GB  
[72] SHAPLAND, Paul, GB  
[71] ASTEC EUROPE LIMITED, GB  
[22] 1998-09-08  
[43] 1999-10-03  
[30] GB (9807169.9) 1998-04-03

[21] 2,248,440  
[13] A1

[51] **Int.Cl. 6H04B 7/24 6H04B 7/26**  
[25] EN  
[54] **SERVICE REQUEST COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION POUR DEMANDE DE SERVICE**  
[72] HOPTRUFF, Richard, CA  
[71] HOPTRUFF, Richard, CA  
[22] 1998-09-25  
[43] 1999-10-09  
[30] CA (2,234,501) 1998-04-09

[21] 2,248,894  
[13] A1

[51] **Int.Cl. 6A01B 59/043**  
[25] EN  
[54] **HITCH MECHANISM**  
[54] **MECANISME DE BLOCAGE**  
[72] COWLEY, Daniel Joseph, US  
[71] DEERE & COMPANY, US  
[22] 1998-10-16  
[43] 1999-10-07  
[30] US (09/056,677) 1998-04-07

[21] 2,249,522  
[13] A1

[51] **Int.Cl. 6B42F 5/00 6B42F 13/16**  
[25] EN  
[54] **DISPLAY SHEET CENTERING TAB ASSEMBLY**  
[54] **ONGLETS POUR FEUILLE D'AFFICHAGE**  
[72] ASHCRAFT, Daniel W., US  
[72] ABO, Reiko D., US  
[71] AVERY DENNISON CORPORATION, US  
[22] 1998-10-08  
[43] 1999-10-07  
[30] US (09/056,562) 1998-04-07

[21] 2,250,643  
[13] A1

[51] **Int.Cl. 6G01N 21/43 6A62C 37/50**  
[25] EN  
[54] **PORTABLE INSTRUMENT TO DETERMINE CONCENTRATION OF AFFE IN FRESH AND SEA WATER SOLUTIONS**  
[54] **INSTRUMENT PORTATIF SERVANT A DETERMINER LA CONCENTRATION DE MOUSSE FEUILLOGENE AQUEUSE DANS L'EAU DOUCE ET L'EAU SALEE**  
[72] DITTMAN, Richard D., CA  
[72] HAGGETT, Randall D., CA  
[71] HER MAJESTY IN RIGHT OF CANADA, AS REPRESENTED BY MINISTER OF NATIONAL DEFENCE, CA  
[22] 1998-10-14  
[43] 1999-10-08  
[30] US (09/056,821) 1998-04-08

[21] 2,251,039  
[13] A1

[51] **Int.Cl. 6B61D 7/24 6B61D 7/02**  
[25] EN  
[54] **RAILWAY CAR OUTLET GATE ASSEMBLY WITH COMPACT INERTIAL LATCH**  
[54] **TRAPPE DE SORTIE A VERROU INERTIEL COMPACT POUR WAGON DE CHEMIN DE FER**  
[72] COZINE, Claud W., US  
[72] LUCAS, Anthony L., US  
[71] KEYSTONE INDUSTRIES, INC., US  
[22] 1998-10-22  
[43] 1999-10-09  
[30] US (057,920) 1998-04-09

[21] 2,252,138  
[13] A1

[51] **Int.Cl. 6D01F 6/62 6D01D 10/00 6D02G 1/00 6D01D 5/088**  
[25] EN  
[54] **PROCESS FOR MAKING POLY(TRIMETHYLENE TEREPHTHALATE) YARN**  
[54] **PROCEDE DE FABRICATION DE FIL DE POLY(TRIMETHYLENE TEREPHTHALATE)**  
[72] STUDHOLME, Matthew B., US  
[72] ROARK, Milton K., US  
[71] COOKSON FIBERS, INC., US  
[22] 1998-10-26  
[43] 1999-10-09  
[30] US (60/081,194) 1998-04-09  
[30] US (09/111,593) 1998-07-07

[21] 2,252,956  
[13] A1

[51] **Int.Cl. 6E04H 15/20 6E04B 1/343**  
[25] EN  
[54] **A PNEUMATIC STRUCTURE**  
[54] **STRUCTURE PNEUMATIQUE**  
[72] HISADA, Toshiaki, JP  
[72] AOYAGI, Hiroshi, JP  
[72] SHIBAIKE, Hajime, JP  
[72] SAIKA, Isamu, JP  
[72] SEKIYA, Yoshifusa, JP  
[72] SATO, Koji, JP  
[71] TEIJIN LIMITED, JP  
[22] 1998-12-02  
[43] 1999-10-03  
[30] JP (10-91859) 1998-04-03

[21] 2,254,041  
[13] A1

[51] **Int.Cl. 6A47J 37/06 6F24C 7/04**  
[25] EN  
[54] **ELECTRIC GRILL**  
[54] **GRIL ELECTRIQUE**  
[72] DENI, Leonard A., US  
[72] DENI, Joseph A., US  
[71] KEYSTONE MANUFACTURING CO., INC., US  
[22] 1998-11-13  
[43] 1999-10-03  
[30] US (09/054,699) 1998-04-03

# Demandes canadiennes mises à la disponibilité du public

3 octobre 1999 - 9 octobre 1999

<p>[21] <b>2,257,022</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23Q 11/10</b> [25] EN [54] <b>SEALING ARRANGEMENT FOR MACHINE/TOOL COOLANT COLLECTION TROUGHS</b> [54] <b>DISPOSITIF D'ETANCHEITE POUR LES CUVETTES D'EGOUTTAGE DES FLUIDES DE REFROIDISSEMENT DE MACHINES-OUTILS</b> [72] BRATTEN, Jack R., US [71] BRATTEN, Jack R., US [22] 1998-12-29 [43] 1999-10-07 [30] US (056,224) 1998-04-07</p>	<p>[21] <b>2,260,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47J 27/10</b> [25] EN [54] <b>DOUBLE BOILER FOR DOMESTIC USE</b> [54] <b>BAIN-MARIE POUR USAGE DOMESTIQUE</b> [72] KIM, Joon Hwan, KR [72] KIM, Yong Jin, KR [72] LEE, Byoung Kil, KR [72] YU, Kyoung Sang, KR [72] CHUNG, Chan Young, KR [72] LIM, Young Ho, KR [71] DAEWOONG ELECTRIC INDUSTRIAL CO., LTD., KR [22] 1999-01-28 [43] 1999-10-06 [30] KR (98-12095) 1998-04-06 [30] KR (98-12096) 1998-04-06 [30] KR (98-32991) 1998-08-14 [30] KR (98-32992) 1998-08-14</p>	<p>[21] <b>2,261,253</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21D 11/08</b> [25] EN [54] <b>LINING ELEMENT FOR A DRILLED TUNNEL</b> [54] <b>ELEMENT DE REVETEMENT POUR TUNNEL DE FORAGE</b> [72] REIJGERSBERG, Adrianus Alphonsus Johannes, NL [72] JANSEN, Jozef Antonius Gerardus, NL [72] HEIJMANS, Ronaldus Wilhelmus Maria Gerardus, NL [71] ARCADIS BOUW/INFRA B.V., NL [22] 1999-02-05 [43] 1999-10-09 [30] NL (1008849) 1998-04-09</p>
<p>[21] <b>2,259,747</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01B 35/18 6A01B 63/28</b> [25] EN [54] <b>SOIL ZONE-BUILDER COULTER CLOSER/TILLER WITH IMPROVED DOWNWARD COULTER PRESSURE AND SHANK HEAD</b> [54] <b>HERSE PERMETTANT DE FERMER LES SILLONS ET DE PREPARER LE SOL PAR SECTEUR MUNIE DE LAMES A PRESSION DESCENDANTE ET D'UNE TETE DE SOCLE AMELIOREES</b> [72] SMITH, David R., US [72] MAENLE, William C., US [71] UNVERFERTH MANUFACTURING COMPANY, INC., US [22] 1999-01-20 [43] 1999-10-09 [30] US (09/057,439) 1998-04-09</p>	<p>[21] <b>2,260,608</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/26 6H04L 12/56</b> [25] EN [54] <b>MULTIPLE RECENT EVENT AGE TRACKING METHOD AND APPARATUS</b> [54] <b>APPAREIL ET METHODE DE SUIVI DE L'AGE DE MULTIPLES EVENEMENTS RECENTS</b> [72] NORTHCOTT, Philip Lyon, CA [71] PMC-SIERRA LTD., CA [22] 1999-01-29 [43] 1999-10-03 [30] US (09/054,442) 1998-04-03</p>	<p>[21] <b>2,261,816</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 3/64</b> [25] EN [54] <b>OPTIMIZING CALL-CENTER PERFORMANCE BY USING PREDICTIVE DATA TO DISTRIBUTE CALLS AMONG AGENTS</b> [54] <b>OPTIMISATION DU RENDEMENT D'UN CENTRE D'APPELS UTILISANT DES DONNEES PREDICTIVES POUR REPARTIR LES APPELS ENTRE LES AGENTS</b> [72] BOGART, Frank J., US [72] FOSTER, Robin H., US [72] FLOCKHART, Andrew D., US [72] MATHEWS, Eugene P., US [72] KOHLER, Joylee E., US [72] SKARZYNSKI, Stephen L., US [71] LUCENT TECHNOLOGIES INC., US [22] 1999-02-15 [43] 1999-10-09 [30] US (09/057,842) 1998-04-09</p>
<p>[21] <b>2,260,703</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01V 3/08 6A61J 1/00 6A61F 13/44</b> [25] EN [54] <b>DISPOSAL CONTAINER FOR DETECTING, DISTINGUISHING AND COUNTING OBJECTS</b> [54] <b>CONTENANT POUR LA DETECTION, LE REPERAGE ET LE COMPTAGE D'OBJETS</b> [72] SZYMAITIS, Dennis W., US [71] SZYMAITIS, Dennis W., US [22] 1999-02-04 [43] 1999-10-07 [30] US (09/056,531) 1998-04-07</p>	<p>[21] <b>2,260,703</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01V 3/08 6A61J 1/00 6A61F 13/44</b> [25] EN [54] <b>DISPOSAL CONTAINER FOR DETECTING, DISTINGUISHING AND COUNTING OBJECTS</b> [54] <b>CONTENANT POUR LA DETECTION, LE REPERAGE ET LE COMPTAGE D'OBJETS</b> [72] SZYMAITIS, Dennis W., US [71] SZYMAITIS, Dennis W., US [22] 1999-02-04 [43] 1999-10-07 [30] US (09/056,531) 1998-04-07</p>	<p>[21] <b>2,261,824</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 27/00 6H03M 7/20 6H04L 27/36 6H04L 27/38</b> [25] EN [54] <b>DIGITAL MODULATION SYSTEM USING EXTENDED CODE SET</b> [54] <b>SYSTEME A MODULATION NUMERIQUE UTILISANT UNE SERIE DE CODES ETENDUE</b> [72] van NEE, D. J. Richard, NL [71] LUCENT TECHNOLOGIES INC., US [22] 1999-02-15 [43] 1999-10-08 [30] US (09/057,310) 1998-04-08</p>

Canadian Laid-Open Applications  
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[21] **2,261,828**  
[13] A1  
[51] **Int.Cl. 6G12B 13/00 6H04B 17/00 6G01D 3/028 6H04Q 7/34**  
[25] EN  
[54] **CALIBRATION TECHNIQUE**  
[54] **TECHNIQUE D'ETALONNAGE**  
[72] NITZ, William Allen, US  
[72] SIMMONS, Michael Ralph, US  
[72] ROONEY, Allen J., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-02-15  
[43] 1999-10-03  
[30] US (09/054,678) 1998-04-03

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[21] **2,262,147**  
[13] A1  
[51] **Int.Cl. 6B60H 1/32 6B01D 53/04**  
[25] EN  
[54] **ADSORBENT UNIT FOR AIR CONDITIONING SYSTEM**  
[54] **UNITE ADSORBANTE POUR SYSTEME DE CONDITIONNEMENT D'AIR**  
[72] MURRAY, Patrick M., US  
[71] MULTISORB TECHNOLOGIES, INC., US  
[22] 1999-02-17  
[43] 1999-10-07  
[30] US (09/056,318) 1998-04-07

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[21] **2,262,769**  
[13] A1  
[51] **Int.Cl. 6C01B 33/20**  
[25] EN  
[54] **LOW VISCOSITY, HIGH SOLIDS CONTENT SLURRY**  
[54] **BOUE A FAIBLE VISCOSITE ET A TENEUR EN SOLIDES ELEVEE**  
[72] NICHOLS, Carl W., US  
[72] COONER, Robert G., US  
[71] LUZENAC AMERICA, INC., US  
[22] 1999-02-24  
[43] 1999-10-09  
[30] US (09/057,944) 1998-04-09

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[21] **2,262,041**  
[13] A1  
[51] **Int.Cl. 6G01F 23/22**  
[25] EN  
[54] **VIBRATION TYPE LEVEL DETECTOR**  
[54] **DETECTEUR DE VIBRATIONS**  
[72] KAWAKATSU, Hiroshi, JP  
[71] NOHKEN INC., JP  
[22] 1999-02-15  
[43] 1999-10-06  
[30] JP (10-093169) 1998-04-06  
[30] JP (10-226875) 1998-08-11

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[21] **2,262,163**  
[13] A1  
[51] **Int.Cl. 6F21V 11/18 6F21S 1/02**  
[25] EN  
[54] **OUTDOOR LAMP**  
[54] **LAMPE D'EXTERIEUR**  
[72] SPITLER, Brian, US  
[72] DRAKE, Michael, US  
[71] REGENT LIGHTING CORPORATION, US  
[22] 1999-02-18  
[43] 1999-10-03  
[30] US (09/054,605) 1998-04-03

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[21] **2,262,958**  
[13] A1  
[51] **Int.Cl. 6B65G 51/06**  
[25] EN  
[54] **CONVEYING CAPSULE FOR A PNEUMATIC TUBE CONVEYOR SYSTEM**  
[54] **CAPSULE DE TRANSPORT POUR UN SYSTEME PNEUMATIQUE DE TRANSPORT DE TUBES**  
[72] THALMAYR, Hermann, AT  
[71] THALMAYR, Hermann, AT  
[22] 1999-02-23  
[43] 1999-10-03  
[30] AT (578/98) 1998-04-03

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[21] **2,262,044**  
[13] A1  
[51] **Int.Cl. 6H04Q 3/64**  
[25] EN  
[54] **OPTIMIZING CALL-CENTER PERFORMANCE BY USING PREDICTIVE DATA TO DISTRIBUTE AGENTS AMONG CALLS**  
[54] **OPTIMISATION DU RENDEMENT D'UN CENTRE D'APPELS UTILISANT DES DONNEES PREDICTIVES POUR REPARTIR LES APPELS ENTRE LES AGENTS**  
[72] SKARZYNSKI, Stephen L., US  
[72] BOGART, Frank J., US  
[72] FLOCKHART, Andrew D., US  
[72] FOSTER, Robin H., US  
[72] MATHEWS, Eugene P., US  
[72] KOHLER, Joylee E., US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 1999-02-15  
[43] 1999-10-09  
[30] US (09/057,842) 1998-04-09  
[30] US (09/185,265) 1998-11-03

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[21] **2,262,734**  
[13] A1  
[51] **Int.Cl. 6G01C 9/24 6G06F 3/033 6G01C 9/36**  
[25] EN  
[54] **BUBBLE CHAMBER ORIENTATION SENSOR AND CONTROL DEVICE**  
[54] **DETECTEUR POUR CHAMBRE A BULLES ET DISPOSITIF DE COMMANDE**  
[72] ESCOBOSA, Marcus, US  
[72] CHEN, Fusheng Frank, US  
[71] UNIVERSAL ELECTRONICS INC., US  
[22] 1999-02-24  
[43] 1999-10-06  
[30] US (09/055,659) 1998-04-06

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[21] **2,263,633**  
[13] A1  
[51] **Int.Cl. 6A23L 1/0522 6A23G 9/02 6A23L 1/40**  
[25] EN  
[54] **DEEP-FROZEN CREAMY CULINARY PRODUCT**  
[54] **PRODUIT CULINAIRE CREMEUX SURGELE**  
[72] MORAND, Alfred, FR  
[72] MOREAU, Jean, FR  
[72] MARJANOVIC, Nicolas, FR  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[22] 1999-03-12  
[43] 1999-10-08  
[30] EP (98201083.7) 1998-04-08

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<p style="text-align: right;">[21] <b>2,263,702</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C21D 1/58</b> [25] EN [54] <b>PETROLEUM QUENCH OIL</b> [54] <b>HUILE DE TREMPE PETROLIERE</b> [72] HEWSON, William Donald, CA [72] GEROW, Gerald Keith, CA [71] IMPERIAL OIL, CA [22] 1999-03-17 [43] 1999-10-03 [30] US (054,825) 1998-04-03</p>	<p style="text-align: right;">[21] <b>2,264,455</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04F 15/14</b> [25] EN [54] <b>MOLDING AFFIXED WITH WEDGED DIVIDER TRACK</b> [54] <b>MOULURE APPOSEE A L'AIDE DE RAILS EN COIN</b> [72] NELSON, Thomas J., US [71] PREMARK RWP HOLDINGS, INC., US [22] 1999-03-05 [43] 1999-10-07 [30] US (09/055,890) 1998-04-07</p>	<p style="text-align: right;">[21] <b>2,264,978</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01B 7/00</b> [25] FR [54] <b>FIL ELECTRIQUE ET SON PROCEDE DE FABRICATION</b> [54] <b>ELECTRICAL CABLE AND MANUFACTURING PROCESS OF SAME</b> [72] FERLIER, Jean-Pierre, FR [71] ALCATEL, FR [22] 1999-03-29 [43] 1999-10-09 [30] FR (98 04 434) 1998-04-09</p>
<p style="text-align: right;">[21] <b>2,263,834</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02C 7/30</b> [25] EN [54] <b>TITLE HOT GAS CONDUCTING COLLECTING TUBE OF A GAS TURBINE</b> [54] <b>CONDUITE COLLECTRICE ET CONDUCTRICE DE GAZ CHAUDS D'UNE TURBINE A GAZ</b> [72] GATHMANN, Heinz, DE [72] ELLERMANN, Berthold, DE [72] CHANDRA, Sharad, DE [72] SCHNIEDERS, Werner, DE [71] GHH BORSIG TURBOMASCHINEN GMBH, DE [22] 1999-03-02 [43] 1999-10-07 [30] DE (198 15 473.9) 1998-04-07</p>	<p style="text-align: right;">[21] <b>2,264,459</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F25J 3/04</b> [25] EN [54] <b>CRYOGENIC RECTIFICATION APPARATUS FOR PRODUCING HIGH PURITY OXYGEN OR LOW PURITY OXYGEN</b> [54] <b>APPAREIL DE RECTIFICATION CRYOGENIQUE POUR LA PRODUCTION D'OXYGENE A DEGRE DE PURETE ELEVE OU FAIBLE</b> [72] SHAH, Minish Mahendra, US [72] PAHADE, Ravindra Fulchand, US [72] DRNEVICH, Raymond Francis, US [71] PRAXAIR TECHNOLOGY, INC., US [22] 1999-03-05 [43] 1999-10-06 [30] US (09/055,683) 1998-04-06</p>	<p style="text-align: right;">[21] <b>2,264,984</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 13/10</b> [25] EN [54] <b>OZONE STORAGE/RECOVERY METHOD AND SYSTEM THEREFOR</b> [54] <b>METHODE ET SYSTEME DE STOCKAGE ET DE RECUPERATION D'OZONE</b> [72] TOMONAGA, Nariyuki, JP [72] TSUTAYA, Hiroyuki, JP [72] IZUMI, Jun, JP [72] YASUTAKE, Akinori, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [22] 1999-03-31 [43] 1999-10-03 [30] JP (10-091814) 1998-04-03</p>
<p style="text-align: right;">[21] <b>2,264,343</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/40 6G01N 37/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DATA MANAGEMENT AUTHENTICATION IN A CLINICAL ANALYZER</b> [54] <b>METHODE ET APPAREIL POUR L'AUTHENTIFICATION DES DONNEES DANS UN ANALYSEUR CLINIQUE</b> [72] PERRY, Joseph E., US [71] BAYER CORPORATION, US [22] 1999-03-03 [43] 1999-10-06 [30] US (09/055,385) 1998-04-06</p>	<p style="text-align: right;">[21] <b>2,264,510</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F25J 3/04</b> [25] EN [54] <b>CRYOGENIC AIR SEPARATION SYSTEM WITH INTEGRATED MACHINE COMPRESSION</b> [54] <b>SYSTEME CRYOGENIQUE DE SEPARATION DE L'AIR AVEC COMPRESSION MACHINE INTEGREE</b> [72] MAHONEY, Kevin William, US [72] HENRY, Paul Arthur, US [72] ALLEN-HAYES, Christine Barbara, US [72] LEO, Jack Michael, US [72] BONAQUIST, Dante Patrick, US [72] HANDLEY, James Richard, US [72] SKARE, Todd Alan, US [71] PRAXAIR TECHNOLOGY, INC., US [22] 1999-03-02 [43] 1999-10-03 [30] US (09/054,443) 1998-04-03</p>	<p style="text-align: right;">[21] <b>2,264,999</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E01H 1/04</b> [25] EN [54] <b>MOBILE WALK-BEHIND SWEEPER</b> [54] <b>BALAYEUSE-CHARIOT MOTORISEE A DIRECTION POUSSEE</b> [72] CHARKY, Gabriel, CA [72] DUBOIS, Jean-Paul, CA [71] MADVAC INTERNATIONAL INC., CA [22] 1999-03-05 [43] 1999-10-09 [30] US (09/057,594) 1998-04-09</p>



Canadian Laid-Open Applications  
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[21] **2,265,073**  
[13] A1  
[51] **Int.Cl. 6C08F 226/02 6C08L 39/00**  
[25] EN  
[54] **COMPOSITIONS COMPRISING COPOLYMERS OF N-VINYLCARBOXAMIDES AND MONOMERS WITH A HYDROPHOBIC RADICAL, AND THE USE OF THESE COMPOUNDS**  
[54] **COMPOSITIONS COMPRENANT DES COPOLYMERES DE N-VINYLCARBOXAMIDES ET DES MONOMERES AYANT UN RADICAL HYDROPHOBE ET UTILISATION DE CELLES-CI**  
[72] NEGELE, Anton, DE  
[72] MEFFERT, Helmut, DE  
[72] KOTHRAD, Stephan, DE  
[72] SANNER, Axel, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[22] 1999-03-31  
[43] 1999-10-03  
[30] DE (198 15 127.6) 1998-04-03

[21] **2,265,099**  
[13] A1  
[51] **Int.Cl. 6C07C 15/02 6C07C 6/12 6C07C 2/66**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF MONOALKYLATED AROMATIC COMPOUNDS**  
[54] **PROCESSUS DE PREPARATION DE COMPOSES AROMATIQUES MONOALKYLES**  
[72] CARLUCCIO, Luciano, IT  
[72] PEREGO, Carlo, IT  
[72] AMARILLI, Stefano, IT  
[72] BELLUSSI, Giuseppe, IT  
[71] ENITECNOLOGIE S.p.A., IT  
[71] ENICHEM S.p.A., IT  
[22] 1999-03-29  
[43] 1999-10-07  
[30] IT (MI98A 000735) 1998-04-07

[21] **2,265,102**  
[13] A1  
[51] **Int.Cl. 6H04L 1/24**  
[25] EN  
[54] **DIGITAL COMMUNICATION SYSTEM**  
[54] **SYSTEME NUMERIQUE DE TELECOMMUNICATION**  
[72] SPEIGHT, Timothy James, GB  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-09  
[43] 1999-10-03  
[30] EP (98302655.0) 1998-04-03

[21] **2,265,103**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/34 6G01S 3/72**  
[25] EN  
[54] **DIRECTION DETERMINATION IN CELLULAR MOBILE COMMUNICATIONS NETWORK**  
[54] **DETERMINATION DE LA DIRECTION DES SIGNAUX DANS UN RESEAU DE COMMUNICATIONS CELLULAIRES MOBILES**  
[72] SPEIGHT, Timothy James, GB  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-09  
[43] 1999-10-03  
[30] EP (98302657.6) 1998-04-03

[21] **2,265,147**  
[13] A1  
[51] **Int.Cl. 6A61B 17/84**  
[25] EN  
[54] **LOCKING MECHANISM**  
[54] **MECANISME DE VERROUILLAGE**  
[72] RICHELSON, Marc Evan, US  
[72] RUSSELL, Kenneth William, US  
[71] SPINAL INNOVATIONS, L.L.C., US  
[22] 1999-03-10  
[43] 1999-10-03  
[30] US (09/054,559) 1998-04-03

[21] **2,265,158**  
[13] A1  
[51] **Int.Cl. 6G06F 17/30 6G06F 15/163**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CORRECT AND COMPLETE TRANSACTIONS IN A FAULT TOLERANT DISTRIBUTED DATABASE SYSTEM**  
[54] **METHODE ET APPAREIL POUR CORRIGER ET EFFECTUER DES TRANSACTIONS DANS UN SYSTEME DE BASE DE DONNEES REPARTIE INSENSIBLE AUX DEFAILLANCES**  
[72] BLOOD, Mark Lawrence, US  
[72] NASON, David Dayton, US  
[72] COOMER, Stephen Dexter, US  
[72] YAMINI, Mohamad-Reza, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-10  
[43] 1999-10-07  
[30] US (09/056,499) 1998-04-07

[21] **2,265,206**  
[13] A1  
[51] **Int.Cl. 6H01Q 21/00 6H01Q 21/29**  
[25] EN  
[54] **ADAPTIVE ANTENNA**  
[54] **ANTENNE ADAPTATIVE**  
[72] SPEIGHT, Timothy James, GB  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-09  
[43] 1999-10-03  
[30] EP (98302656.8) 1998-04-03

[21] **2,265,208**  
[13] A1  
[51] **Int.Cl. 6H01Q 21/00**  
[25] EN  
[54] **DIVERSITY ANTENNA SYSTEM**  
[54] **SYSTEME D'ANTENNE A RECEPTION SIMULTANEE**  
[72] SPEIGHT, Timothy James, GB  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-09  
[43] 1999-10-03  
[30] EP (98302654.3) 1998-04-03

[21] **2,265,243**  
[13] A1  
[51] **Int.Cl. 6H04N 9/78**  
[25] EN  
[54] **FILTERING VIDEO SIGNALS CONTAINING CHROMINANCE INFORMATION**  
[54] **FILTRAGE DE SIGNAUX VIDEO CONTENANT DE L'INFORMATION SUR LA CHROMINANCE**  
[72] BAUDOUIN, Charles, GB  
[71] NDS LIMITED, GB  
[22] 1999-03-11  
[43] 1999-10-03  
[30] GB (9807201.0) 1998-04-03

[21] **2,265,258**  
[13] A1  
[51] **Int.Cl. 6H04N 3/23 6H04N 5/21**  
[25] EN  
[54] **FILTERING OF DIGITAL VIDEO SIGNALS**  
[54] **FILTRAGE DE SIGNAUX VIDEO NUMERIQUES**  
[72] BEATTIE, Robert, GB  
[72] FUNNELL, John Stuart, GB  
[71] NDS LIMITED, GB  
[22] 1999-03-12  
[43] 1999-10-03  
[30] GB (9807211.9) 1998-04-03

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**3 octobre 1999 - 9 octobre 1999**

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[21] **2,265,275**  
[13] A1

[51] **Int.Cl. 6H01R 19/40**  
[25] EN  
[54] **EXTENDABLE TEMPORARY ELECTRICAL RECEPTACLE**  
[54] **PRISE DE COURANT ELECTRIQUE TEMPORAIRE EXTENSIBLE**  
[72] SCHWINGHAMMER, Scott, US  
[72] GUTGSELL, David R., US  
[72] SIEGAL, Burton L., US  
[71] DITTO SALES, INC., US  
[22] 1999-03-16  
[43] 1999-10-07  
[30] US (09/056,414) 1998-04-07

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[21] **2,265,338**  
[13] A1

[51] **Int.Cl. 6H02J 7/00 6G11B 23/00 6H02J 7/14 6H01M 10/48**  
[25] EN  
[54] **CHARGING CONTROL APPARATUS, METHOD OF CONTROLLING THE CHARGING PROCESS, AND POWER OUTPUT APPARATUS**  
[54] **APPAREIL DE COMMANDE DE CHARGEMENT, METHODE DE COMMANDE DU PROCESSUS DE CHARGEMENT, ET SOURCE D'ALIMENTATION**  
[72] KUNO, Hiromichi, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1999-03-16  
[43] 1999-10-09  
[30] JP (10-115938) 1998-04-09

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[21] **2,265,393**  
[13] A1

[51] **Int.Cl. 6H01R 25/16**  
[25] EN  
[54] **ELECTRICAL SYSTEM FOR USE WITH GANGED FURNITURE**  
[54] **SYSTEME ELECTRIQUE A UTILISER AVEC DES FOURNITURES COUPLEES**  
[72] SIEGAL, Burton L., US  
[72] SCHWINGHAMMER, Scott, US  
[72] GUTGSELL, David R., US  
[71] DITTO SALES, INC., US  
[22] 1999-03-12  
[43] 1999-10-07  
[30] US (09/056,442) 1998-04-07

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[21] **2,265,408**  
[13] A1

[51] **Int.Cl. 6B29C 51/42**  
[25] EN  
[54] **THERMOFORMING STATION AND METHOD WITH A QUICK COOLING SYSTEM FOR THE THERMOFORMED ARTICLES**  
[54] **STATION DE THERMOFORMAGE ET METHODE COMPRENANT UN SYSTEME DE REFROIDISSEMENT RAPIDE DES ARTICLES THERMOFORMES**  
[72] DE NICHILLO, Giorgio, IT  
[71] RIGO GROUP S.R.L., IT  
[22] 1999-03-17  
[43] 1999-10-03  
[30] IT (MI98A-000723) 1998-04-03

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[21] **2,265,426**  
[13] A1

[51] **Int.Cl. 6B01D 59/30**  
[25] EN  
[54] **METHOD FOR PREPARING -F-18| -FLUORIDE ION**  
[54] **METHODE DE PREPARATION D'ION DE FLUOR -F-18|**  
[72] ITOH, Osamu, JP  
[72] INO, Sento, JP  
[72] TAMURA, Masahiko, JP  
[71] NIHON MEDI-PHYSICS CO., LTD., JP  
[22] 1999-03-15  
[43] 1999-10-08  
[30] JP (10-095824) 1998-04-08

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[21] **2,265,433**  
[13] A1

[51] **Int.Cl. 6B01D 71/36**  
[25] EN  
[54] **POROUS POLYTETRAFLUOROETHYLENE MEMBRANE**  
[54] **MEMBRANE POREUSE EN POLYTETRAFLUOROETHYLENE**  
[72] NEWMAN, David E., US  
[72] KIDD, Stanley, US  
[72] MORIZIO, Franco, US  
[71] PALL CORPORATION, US  
[22] 1999-03-16  
[43] 1999-10-07  
[30] US (09/056,384) 1998-04-07

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[21] **2,265,953**  
[13] A1

[51] **Int.Cl. 6A47G 29/12**  
[25] EN  
[54] **SWING ARM SUPPORT FOR MAILBOX**  
[54] **BRAS DE SUPPORT PIVOTANT POUR BOITE AUX LETTRES**  
[72] HOOVER, Earl, US  
[71] HOOVER, Earl, US  
[22] 1999-04-01  
[43] 1999-10-09  
[30] US (09/057,322) 1998-04-09

---

[21] **2,265,991**  
[13] A1

[51] **Int.Cl. 6C10G 45/44**  
[25] FR  
[54] **PROCEDE DE CONVERSION D'HYDROCARBURES PAR TRAITEMENT DANS UNE ZONE DE DISTILLATION COMPRENANT LE SOUTIRAGE D'UN DISTILLAT STABILISE, ASSOCIEE A UNE ZONE REACTIONNELLE, ET SON UTILISATION EN HYDROGENATION DU BENZENE**  
[54] **CONVERSION PROCESS OF HYDROCARBONS BY TREATMENT IN A DISTILLATION AREA COMPRISING THE WITHDRAWAL OF A STABILIZED DISTILLATE, COMBINED WITH A REACTION ZONE, AND ITS USE IN BENZENE HYDROGENATION**  
[72] AMBROSINO, Jean-Louis, FR  
[72] WITTE, Gérald, FR  
[72] VILTARD, Jean-Charles, FR  
[72] DIDILLON, Blaise, FR  
[72] MARACHE, Pierre, FR  
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR  
[22] 1999-04-01  
[43] 1999-10-06  
[30] FR (98 04 351) 1998-04-06

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Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

[21] 2,266,003  
[13] A1

[51] **Int.Cl. 6C10G 45/44**  
[25] FR  
[54] **PROCEDE DE CONVERSION D'HYDROCARBURES PAR TRAITEMENT DANS UNE ZONE DE DISTILLATION COMPRENANT UN REFLUX CIRCULANT, ASSOCIEE A UNE ZONE REACTIONNELLE ET SON UTILISATION EN HYDROGENATION DU BENZENE**  
[54] **CONVERSION PROCESS OF HYDROCARBONS BY TREATMENT IN A DISTILLATION AREA COMPRISING A CIRCULATING REFLUX, COMBINED WITH A REACTION ZONE, AND ITS USE IN BENZENE HYDROGENATION**

[72] MARACHE, Pierre, FR  
[72] WITTE, Gérald, FR  
[72] VILTARD, Jean-Charles, FR  
[72] DIDILLON, Blaise, FR  
[72] AMBROSINO, Jean-Louis, FR  
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR  
[22] 1999-04-01  
[43] 1999-10-06  
[30] FR (98 04 352) 1998-04-06

[21] 2,266,005  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **TRAFFIC BASED SHORTCUT METHOD AND TRAFFIC BASED SHORTCUT ROUTER DEVICE**  
[54] **METHODE DE RACCOURCI BASEE SUR LA CIRCULATION ET DISPOSITIF DE ROUTEUR PAR RACCOURCI BASE SUR LA CIRCULATION**

[72] DUMORTIER, Philip Vincent, BE  
[71] ALCATEL, FR  
[22] 1999-04-01  
[43] 1999-10-07  
[30] EP (98400843.3) 1998-04-07

[21] 2,266,007  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **TRAFFIC BASED SHORTCUT METHOD AND TRAFFIC BASED SHORTCUT ROUTER DEVICE**  
[54] **METHODE DE RACCOURCI BASEE SUR LA CIRCULATION ET DISPOSITIF DE ROUTEUR PAR RACCOURCI BASE SUR LA CIRCULATION**

[72] DUMORTIER, Philip Vincent, BE  
[71] ALCATEL, FR  
[22] 1999-04-01  
[43] 1999-10-07  
[30] EP (98400844.1) 1998-04-07

[21] 2,266,009  
[13] A1

[51] **Int.Cl. 6B29C 65/00**  
[25] EN  
[54] **PROCESS FOR IMPROVING CONNECTION OF AN ELASTOMERIC, POLYMERIC MATERIAL TO A SUBSTRATE**  
[54] **PROCEDE PERMETTANT D'AMELIORER LA FIXATION D'UN MATERIAU POLYMERE ELASTOMERE A UNE COUCHE INTERNE**

[72] LEITNER, Helmut, DE  
[71] CARL FREUDENBERG, DE  
[22] 1999-04-07  
[43] 1999-10-08  
[30] DE (19815758.4) 1998-04-08

[21] 2,266,046  
[13] A1

[51] **Int.Cl. 6G02C 7/04**  
[25] FR  
[54] **PROCEDE D'ELABORATION DE REPERE DE TOLERANCE ANGULAIRE POUR LENTILLE CORRIGEANT L'ASTIGMATISME, ET LENTILLE ASSOCIEE**  
[54] **PROCESS FOR DEVELOPING AN ANGULAR TOLERANCE INDICATOR FOR AN ASTIGMATISM-CORRECTING LENS, AND CORRESPONDING LENS**

[72] BAUDE, Dominique, FR  
[72] CHATEAU, Nicolas, FR  
[72] LEGRAS, Richard, FR  
[71] ESSILOR INTERNATIONAL (Compagnie Générale d'Optique), FR  
[22] 1999-04-06  
[43] 1999-10-07  
[30] FR (98 04 291) 1998-04-07

[21] 2,266,053  
[13] A1

[51] **Int.Cl. 6A61K 7/13**  
[25] FR  
[54] **COMPOSITION DE TEINTURE POUR FIBRES KERATINIQUES AVEC UN COLORANT DIRECT CATIONIQUE ET UN POLYMERE SUBSTANTIF**  
[54] **TINT COMPOSITION FOR KERATIN FIBERS CONTAINING A DIRECT CATIONIC DYE AND A SUBSTANCE-BASED POLYMER**

[72] RONDEAU, Christine, FR  
[71] L'OREAL, FR  
[22] 1999-04-06  
[43] 1999-10-06  
[30] FR (98 04 234) 1998-04-06

[21] 2,266,060  
[13] A1

[51] **Int.Cl. 6A01F 12/30**  
[25] EN  
[54] **FISHBACK ASSEMBLY**  
[54] **ASSEMBLAGE DE SUPPORT D'ECLISSE**

[72] LAUER, Fritz, DE  
[71] DEERE & COMPANY, US  
[22] 1999-04-07  
[43] 1999-10-08  
[30] DE (198 15 730.4) 1998-04-08

[21] 2,266,064  
[13] A1

[51] **Int.Cl. 6F26B 21/04 6F16L 27/00**  
[25] EN  
[54] **ANTI-TORSION DRYER CONNECTION**  
[54] **RACCORD ANTI-TORSION POUR SECHOIR**

[72] TUGGLE, W. Gregory, US  
[71] NEMCO, INC., US  
[22] 1999-04-06  
[43] 1999-10-03  
[30] US (60/080,675) 1998-04-03

# Demandes canadiennes mises à la disponibilité du public

3 octobre 1999 - 9 octobre 1999

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[21] **2,266,065**  
[13] A1  
[51] **Int.Cl. 6A47J 31/14**  
[25] EN  
[54] **BREWING APPLIANCE HAVING A TOWER WITH A WATER RESERVOIR AND BREWING BASKET AND AN ADJACENTLY POSITIONED PITCHER RECEPTACLE**  
[54] **APPAREIL DE BRASSAGE DOTE D'UNE TOUR AVEC UN RESERVOIR D'EAU, PANIER DE BRASSAGE ET RECIPIENT ADJACENT**  
[72] DRISCOLL, Mark, US  
[72] VITANTONIO, Marc L., US  
[72] SOVIS, John, US  
[71] SIGNATURE BRANDS, INC., US  
[22] 1999-04-06  
[43] 1999-10-03  
[30] US (09/054,846) 1998-04-03

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[21] **2,266,069**  
[13] A1  
[51] **Int.Cl. 6A47B 9/00**  
[25] EN  
[54] **TABLE, IN PARTICULAR FOR VIDEO WORKSTATIONS**  
[54] **TABLE UTILE NOTAMMENT POUR LES POSTES DE TRAVAIL VIDEO**  
[72] PONTOPPIDAN, Eskild, DK  
[71] FLEISCHER BUROMOBELWERK GMBH & CO. KG, DE  
[22] 1999-04-06  
[43] 1999-10-07  
[30] DE (198 15 444.5-16) 1998-04-07

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[21] **2,266,090**  
[13] A1  
[51] **Int.Cl. 6B41M 3/14**  
[25] EN  
[54] **ROTARY PRINTING MACHINE FOR SECURITY PAPERS**  
[54] **MACHINE D'IMPRESSION ROTATIVE DE PAPIERS INFALSIFIABLES**  
[72] SCHAEDE, Johannes, DE  
[72] GIORI, Fausto, CH  
[71] DE LA RUE GIORI S.A., CH  
[22] 1999-03-17  
[43] 1999-10-08  
[30] CH (0837/98) 1998-04-08

---

[21] **2,266,106**  
[13] A1  
[51] **Int.Cl. 6B61F 5/02 6B61F 5/14**  
[25] EN  
[54] **RAIL VEHICLE WITH A VERTICAL SUPPORT ACTUATOR**  
[54] **VEHICULE SUR RAIL MUNI D'UN ACTIONNEUR VERTICAL**  
[72] BENKER, Thomas, DE  
[72] HACHMANN, Ulrich, DE  
[72] SCHULLER, Uwe, DE  
[71] ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH, DE  
[22] 1999-03-18  
[43] 1999-10-04  
[30] DE (198 15 197.7) 1998-04-04

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[21] **2,266,108**  
[13] A1  
[51] **Int.Cl. 6H03M 13/12**  
[25] EN  
[54] **ITERATIVE DEMAPPING**  
[54] **EXTRACTION ITERATIVE**  
[72] ten BRINK, Stephan, DE  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-18  
[43] 1999-10-03  
[30] EP (98302653.5) 1998-04-03

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[21] **2,266,110**  
[13] A1  
[51] **Int.Cl. 6H05K 7/20**  
[25] EN  
[54] **DEVICE FOR HOUSING COMMUNICATIONS AND ELECTRONICS EQUIPMENT USING POSITIVE TEMPERATURE COEFFICIENT MATERIAL**  
[54] **DISPOSIF POUR L'EMMAGASINAGE DU MATERIEL DE COMMUNICATIONS ET D'ELECTRONIQUE, EMPLOYANT UN MATERIAU A COEFFICIENT POSITIF DE TEMPERATURE**  
[72] PLAZA, Daniel, US  
[72] TRUONG, Han Q., US  
[72] AAKALU, Nandakumar G., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-17  
[43] 1999-10-09  
[30] US (09/057,806) 1998-04-09

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[21] **2,266,112**  
[13] A1  
[51] **Int.Cl. 6G10L 9/08 6H04M 3/42**  
[25] EN  
[54] **SPEECH RECOGNITION OF CALLER IDENTIFIERS USING LOCATION INFORMATION**  
[54] **SYSTEME DE RECONNAISSANCE DE LA PAROLE UTILISANT L'INFORMATION DE LOCALISATION**  
[72] GOLDBERG, Randy G., US  
[72] WEBER, Roy Philip, US  
[71] AT&T CORP., US  
[22] 1999-03-18  
[43] 1999-10-07  
[30] US (09/056,172) 1998-04-07

---

[21] **2,266,162**  
[13] A1  
[51] **Int.Cl. 6C07F 7/28 6C08K 5/46 6C08K 5/56**  
[25] EN  
[54] **TITANATE COMPOUNDS**  
[54] **TITANATES**  
[72] KRALEVICH, Mark Leslie Jr., US  
[72] SANDSTROM, Paul Harry, US  
[72] WIDEMAN, Lawson Gibson, US  
[72] BLOK, Edward John, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1999-03-18  
[43] 1999-10-07  
[30] US (09/056,339) 1998-04-07

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[21] **2,266,205**  
[13] A1  
[51] **Int.Cl. 6B65D 3/30**  
[25] EN  
[54] **BULGE RESISTANT CONTAINER**  
[54] **CONTENANT RESISTANT A LA DEFORMATION PAR BOMBEMENT**  
[72] DONNER, Benjamin C., US  
[72] ALOISI, Robert J., US  
[71] FORT JAMES OPERATING COMPANY, US  
[22] 1999-03-18  
[43] 1999-10-09  
[30] US (09/057,370) 1998-04-09

Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

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[21] **2,266,207**  
[13] A1  
[51] **Int.Cl. 6C09D 175/02 6C09D 175/04**  
[25] EN  
[54] **AQUEOUS TWO-COMPONENT COATING COMPOSITIONS**  
[54] **COMPOSITIONS AQUEUSES DE REVETEMENT A DEUX COMPOSANTS**  
[72] ROESLER, Richard R., US  
[72] YU, Poli, US  
[72] SCHMALSTIEG, Lutz, DE  
[71] BAYER CORPORATION, US  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-03-18  
[43] 1999-10-09  
[30] US (09/058,390) 1998-04-09

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[21] **2,266,211**  
[13] A1  
[51] **Int.Cl. 6C08G 18/38 6C09D 175/02 6C09J 175/02 6C09D 175/04 6C09J 175/04 6C08G 18/79**  
[25] EN  
[54] **WATER DISPERSIBLE COMPOUNDS CONTAINING ALKOXYSILANE GROUPS**  
[54] **COMPOSES DISPERSIBLES DANS L'EAU, COMPRENANT DES GROUPEES ALKOXYSILANES**  
[72] ROESLER, Richard R., US  
[72] SCHMALSTIEG, Lutz, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[71] BAYER CORPORATION, US  
[22] 1999-03-18  
[43] 1999-10-09  
[30] US (09/057,675) 1998-04-09

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[21] **2,266,229**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/22**  
[25] EN  
[54] **PROCESS FOR ASSIGNING CHANNELS IN A CELLULAR RADIO COMMUNICATION SYSTEM**  
[54] **PROCESSUS D'AFFECTATION DE VOIES DANS UN SYSTEME DE COMMUNICATION RADIOPHONIQUE CELLULAIRE**  
[72] SPEIGHT, Timothy James, GB  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-22  
[43] 1999-10-03  
[30] EP (98302652.7) 1998-04-03

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[21] **2,266,232**  
[13] A1  
[51] **Int.Cl. 6A21C 11/10**  
[25] EN  
[54] **METHOD OF AND APPARATUS FOR PRODUCING EXTRUDED ELONGATE PASTA OF SUBSTANTIALLY EVEN LENGTHS**  
[54] **METHODE ET APPAREIL POUR LA CONFECTION EN FORME ALLONGEE DES PATES ALIMENTAIRES PRESSEES A LONGUEUR SENSIBLEMENT UNIFORME**  
[72] MORIYASU, Hiroshi, JP  
[72] NASHIDA, Shigeki, JP  
[72] MORISHITA, Kenkichi, JP  
[72] INOUE, Yoshiteru, JP  
[71] NISSIN FOOD PRODUCTS CO., LTD., JP  
[22] 1999-03-22  
[43] 1999-10-09  
[30] JP (10-097544) 1998-04-09

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[21] **2,266,234**  
[13] A1  
[51] **Int.Cl. 6C12C 12/00 6C12C 5/00 6C12C 11/00**  
[25] EN  
[54] **GLUTEN-FREE BEER**  
[54] **BIERE SANS GLUTEN**  
[72] MACCAGNAN, Giovanni, IT  
[72] COLLAVO, Francesco, IT  
[72] PAT, Antonio, IT  
[72] RAGG, Gian-Luca, IT  
[72] BELLINI, Marina Pieranna, IT  
[71] PLASMON DIETETICI ALIMENTARI S.R.L., IT  
[71] HEINEKEN ITALIA S.P.A., IT  
[22] 1999-03-22  
[43] 1999-10-08  
[30] EP (98830214.7) 1998-04-08

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[21] **2,266,296**  
[13] A1  
[51] **Int.Cl. 6B65D 1/34**  
[25] EN  
[54] **PROCESSOR TRAY**  
[54] **PLATEAU POUR PROCESSEUR**  
[72] RAMIREZ, Richard L., US  
[72] BERGERON, Mark A., US  
[71] TEKNI-PLEX, INC., US  
[22] 1999-03-18  
[43] 1999-10-06  
[30] US (09/056,025) 1998-04-06

---

[21] **2,266,300**  
[13] A1  
[51] **Int.Cl. 6F02C 9/18**  
[25] EN  
[54] **PIPELINE DUCT THROUGH TWO OR MORE WALLS OF AN AXIAL COMPRESSOR OF A GAS TURBINE**  
[54] **TUYAU D'OLEODUC TRAVERSANT DEUX OU PLUSIEURS PAROIS DE COMPRESSEUR AXIAL DE TURBINE A GAZ**  
[72] ASCHENBRUCK, Emil, DE  
[72] BLASWICH, Michael, DE  
[71] GHH BORSIG TURBOMASCHINEN GMBH, DE  
[22] 1999-03-23  
[43] 1999-10-04  
[30] DE (198 15 168.3) 1998-04-04

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[21] **2,266,322**  
[13] A1  
[51] **Int.Cl. 6H02H 9/02**  
[25] EN  
[54] **HIGH CURRENT PROTECTION CIRCUIT FOR TELEPHONE INTERFACE**  
[54] **CIRCUIT DE PROTECTION CONTRE LES COURANTS HAUTE INTENSITE POUR UNE INTERFACE TELEPHONIQUE**  
[72] RODRIGUEZ, Saul, US  
[72] WONG, Wayne Kwok-Wai, US  
[71] RODRIGUEZ, Saul, US  
[71] WONG, Wayne Kwok-Wai, US  
[22] 1999-03-23  
[43] 1999-10-03  
[30] US (09/054,922) 1998-04-03

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[21] **2,266,612**  
[13] A1  
[51] **Int.Cl. 6G01D 3/08 6G01R 11/24**  
[25] FR  
[54] **DISPOSITIF POUR LA DETECTION DE L'OUVERTURE D'UN COMPTEUR**  
[54] **DEVICE FOR DETECTING WHETHER A METER IS OPENED**  
[72] GUILLON, Jean-Louis, FR  
[71] SCHLUMBERGER INDUSTRIES S.A., FR  
[22] 1999-03-22  
[43] 1999-10-06  
[30] FR (9804414) 1998-04-06

**Demandes canadiennes mises à la disponibilité du public**  
**3 octobre 1999 - 9 octobre 1999**

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[21] **2,266,764**  
[13] A1

[51] **Int.Cl. 6C07C 22/04 6C07C 17/14**  
[25] FR  
[54] **PROCEDE DE PREPARATION EN CONTINU DE MONO ET/OU BIS(MONO-, ET/OU DI-, ET/OU TRICHLOROMETHYL) BENZENES**  
[54] **CONTINUOUS PREPARATION METHOD FOR MONO AND/OR DI(MONO-, AND/OR DI- AND/OR TRICHLOROMETHYL) BENZENES**  
[72] LOZE, Régis, FR  
[72] COMMANDEUR, Raymond, FR  
[71] ELF ATOCHEM S.A., FR  
[22] 1999-04-08  
[43] 1999-10-09  
[30] FR (98 04 460) 1998-04-09

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[21] **2,266,765**  
[13] A1

[51] **Int.Cl. 6C07C 15/08 6C07C 5/27**  
[25] FR  
[54] **PROCEDE D'ISOMERISATION DES COMPOSES AROMATIQUES A HUIT ATOMES DE CARBONE UTILISANT UN CATALYSEUR CONTENANT UNE ZEOLITHE DE TYPE STRUCTURAL EUO**  
[54] **ISOMERIZATION PROCESS OF 8-ATOM CARBON AROMATIC COMPOUNDS USING A CATALYST CONTAINING ZEOLITE WITH EUO-TYPE STRUCTURE**  
[72] LACOMBE, Sylvie, FR  
[72] MAGNE-DRISCH, Julia, FR  
[72] JOLY, Jean-François, FR  
[72] BENAZZI, Eric, FR  
[72] ALARIO, Fabio, FR  
[72] MERLEN, Elisabeth, FR  
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR  
[22] 1999-04-07  
[43] 1999-10-08  
[30] FR (98 04 526) 1998-04-08

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[21] **2,266,782**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **LOW BANDWIDTH AAL5 DATA COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION DE DONNEES AAL5 A FAIBLE LARGEUR DE BANDE**  
[72] BALCHIN, Matthew Spencer, GB  
[72] CHAMBERS, Christopher John, GB  
[72] SINGH, Balbir, GB  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-03-24  
[43] 1999-10-07  
[30] US (09/056897) 1998-04-07

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[21] **2,266,784**  
[13] A1

[51] **Int.Cl. 6A61N 1/18 6A41D 13/12**  
[25] EN  
[54] **SUPPORT GARMENTS FOR PATIENT-WORN ENERGY DELIVERY APPARATUS**  
[54] **VETEMENT DE SOUTIEN POUR APPAREIL DE LIVRAISON D'ENERGIE PORTE PAR UN PATIENT**  
[72] BRANDT, Arlan J., US  
[72] HULINGS, Robert J., US  
[72] OSKIN, Emil, US  
[71] LIFECOR, INC., US  
[22] 1999-03-25  
[43] 1999-10-07  
[30] US (056,315) 1998-04-07

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[21] **2,266,785**  
[13] A1

[51] **Int.Cl. 6B65C 9/26 6B41F 17/00 6B65C 1/02 6B41F 13/60**  
[25] EN  
[54] **LABEL CUTTING APPARATUS**  
[54] **APPAREIL A COUPER LES ETIQUETTES**  
[72] MUIR, David F., US  
[71] GRAND RAPIDS LABEL COMPANY, US  
[22] 1999-04-08  
[43] 1999-10-09  
[30] US (09/057,318) 1998-04-09

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[21] **2,266,786**  
[13] A1

[51] **Int.Cl. 6F25B 39/02 6B60H 1/32**  
[25] EN  
[54] **CONTROLLING REFRIGERANT IN A CLOSED LOOP RECIRCULATION SYSTEM**  
[54] **REGLAGE DU DEBIT DU FLUIDE FRIGORIGENE DANS UN SYSTEME DE RECIRCULATION EN CIRCUIT FERME**  
[72] TORRENCE, Robert J., US  
[71] EATON CORPORATION, US  
[22] 1999-04-08  
[43] 1999-10-09  
[30] US (09/057,319) 1998-04-09

---

[21] **2,266,787**  
[13] A1

[51] **Int.Cl. 6F16K 31/06 6F16K 47/00 6F02M 33/02**  
[25] EN  
[54] **ELECTRICALLY CONTROLLED FLOW REGULATOR VALVE WITH TRANSIENT DAMPENING**  
[54] **VALVE REGULATRICE DE DEBIT A COMMANDE ELECTRONIQUE, DOTE D'UN SYSTEME D'ATTENUATION DE PHENOMENES TRANSITOIRES**  
[72] DeLAND, Daniel L., US  
[72] ERICKSON, Barbara J., US  
[71] EATON CORPORATION, US  
[22] 1999-04-08  
[43] 1999-10-09  
[30] US (09/057,891) 1998-04-09

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[21] **2,266,789**  
[13] A1

[51] **Int.Cl. 6B65G 47/26**  
[25] EN  
[54] **METHOD FOR A GAP-FREE LINE-UP OF CONTAINERS SUPPLIED SUCCESSIVELY FROM A PICK-UP SECTION**  
[54] **METHODE DE MISE EN PLACE SUCCESSIVE ET CONTINUE DE CONTENANTS DEPUIS UNE SECTION DE REPRISE**  
[72] OPPLIGER, Jean-Claude, CH  
[72] BOLLER, Manfred, CH  
[71] GRAPH-HOLDING AG, CH  
[22] 1999-04-07  
[43] 1999-10-09  
[30] EP (98810308.1-2308) 1998-04-09

Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

[21] **2,266,793**  
[13] A1

[51] **Int.Cl. 6B60T 8/86**  
[25] EN  
[54] **DEVICE FOR CONTROLLING RUNNING BEHAVIOR OF VEHICLE BY MATHEMATICAL TIRE MODEL**  
[54] **DISPOSITIF DE COMMANDE DE FONCTIONNEMENT D'UN VEHICULE SELON UN MODELE MATHEMATIQUE SE REFERANT AU COMPORTEMENT DES PNEUS**  
[72] YOKOYAMA, Tatsuaki, JP  
[72] TSUBOI, Toshihiro, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 1999-04-08  
[43] 1999-10-09  
[30] JP (10-114126) 1998-04-09  
[30] JP (10-332652) 1998-11-24

[21] **2,266,834**  
[13] A1

[51] **Int.Cl. 6E06B 5/00**  
[25] EN  
[54] **GASKET SYSTEM FOR A HORIZONTAL DOOR**  
[54] **SYSTEME DE JOINT DE PORTE HORIZONTALE**  
[72] JOYCE, Roger F., US  
[71] THE BILCO COMPANY, US  
[22] 1999-03-24  
[43] 1999-10-08  
[30] US (09/057,293) 1998-04-08

[21] **2,266,841**  
[13] A1

[51] **Int.Cl. 6C10M 171/02 6C10M 141/10 6C10M 137/12 6C10M 133/16 6C10M 133/44**  
[25] EN  
[54] **LUBRICATING COMPOSITIONS**  
[54] **COMPOSITIONS DE LUBRIFICATION**  
[72] PATERSON, Craig R., GB  
[72] BARBER, Rodney I., GB  
[72] RYAN, Helen T., GB  
[71] ETHYL PETROLEUM ADDITIVES LIMITED, GB  
[22] 1999-03-24  
[43] 1999-10-09  
[30] GB (9807843.9) 1998-04-09

[21] **2,266,845**  
[13] A1

[51] **Int.Cl. 6A61C 5/04 6B29C 35/08**  
[25] EN  
[54] **MAINS-OPERATED DEVICE FOR CURING BY LIGHT A POLYMERIZABLE DENTAL MATERIAL**  
[54] **DISPOSITIF ALIMENTE SUR SECTEUR SERVANT AU TRAITEMENT LUMINEUX D'UN MATERIAU DENTAIRE POLYMERISABLE**  
[72] ROHNER, Gottfried, CH  
[72] EGGLEER, Andreas, AT  
[71] IVOCLAR AG, LI  
[22] 1999-03-24  
[43] 1999-10-08  
[30] DE ( P 198 15 846.7) 1998-04-08

[21] **2,266,873**  
[13] A1

[51] **Int.Cl. 6B32B 27/08 6B60R 13/00**  
[25] EN  
[54] **FILM FINISHING SYSTEM WITH DESIGN OPTION**  
[54] **SYSTEME DE PELLICULE DE FINI PERMETTANT L'EMPLOI DES MOTIFS**  
[72] ELLISON, Thomas M., US  
[71] REXAM INDUSTRIES CORP., US  
[22] 1999-03-25  
[43] 1999-10-09  
[30] US (09/058,097) 1998-04-09

[21] **2,266,879**  
[13] A1

[51] **Int.Cl. 6B65D 33/01**  
[25] EN  
[54] **PLASTIC BAG WITH BOTTOM VENTING SYSTEM**  
[54] **SAC DE PLASTIQUE A SYSTEME D'AERATION PAR LE BAS**  
[72] DARMER, Howard, US  
[72] EIRSCHLE, Randall, US  
[72] DUNCAN, Wayne, US  
[71] UNION CAMP CORPORATION, US  
[22] 1999-03-25  
[43] 1999-10-08  
[30] US (09/057,056) 1998-04-08  
[30] US (UNKNOWN) 1999-03-18

[21] **2,266,915**  
[13] A1

[51] **Int.Cl. 6F41A 33/00 6G09B 9/042**  
[25] EN  
[54] **METHOD OF COMBAT TRAINING IN ARMoured LAND VEHICLES**  
[54] **METHODE D'INSTRUCTION AU COMBAT DANS DES VEHICULES TERRESTRES BLINDES**  
[72] HUGHES, Christopher P., US  
[72] SCHMIDT, Dirk, DE  
[71] DIEHL STIFTUNG & CO., DE  
[22] 1999-03-24  
[43] 1999-10-03  
[30] DE (198 14 998.0) 1998-04-03

[21] **2,266,917**  
[13] A1

[51] **Int.Cl. 6B44B 3/00 6B44B 3/06**  
[25] EN  
[54] **ENGRAVING SYSTEM**  
[54] **SYSTEME DE GRAVURE**  
[72] MUELLER, Michael A., US  
[71] AXCESS TECHNOLOGIES, INC., US  
[22] 1999-03-24  
[43] 1999-10-03  
[30] US (09/054,417) 1998-04-03

[21] **2,266,918**  
[13] A1

[51] **Int.Cl. 6B65B 25/14 6B65B 27/08**  
[25] EN  
[54] **BINDING MACHINE FOR GRAND BALES OF PULP SHEETS, METHOD FOR BINDING THE SHEETS AND BALES OBTAINED THIS WAY**  
[54] **FICELEUSE DE BALLE DE FEUILLES DE PATE, METHODE DE FICELAGE DES FEUILLES ET DES BALLE AINSI OBTENUES**  
[72] KARHU, Martti, FI  
[72] LUNDÉN, Leo, FI  
[71] VALMET CORPORATION, FI  
[22] 1999-03-24  
[43] 1999-10-06  
[30] FI (980784) 1998-04-06

**Demandes canadiennes mises à la disponibilité du public**  
**3 octobre 1999 - 9 octobre 1999**

---

[21] **2,267,006**  
[13] A1

[51] **Int.Cl. 6H01H 85/38**  
[25] EN  
[54] **FUSE TUBE AND METHOD OF MANUFACTURE THEREOF**  
[54] **TUBE DE FUSIBLE ET METHODE DE FABRICATION DE CELUI-CI**  
[72] STAVNES, Mark W., US  
[72] TOBIN, Thomas J., US  
[72] MOORE, Jeffrey A., US  
[71] S&C ELECTRIC COMPANY, US  
[22] 1999-03-24  
[43] 1999-10-03  
[30] US (09/054,986) 1998-04-03

---

[21] **2,267,039**  
[13] A1

[51] **Int.Cl. 6B65B 13/32**  
[25] EN  
[54] **CAM OPERATED STRAP WELDING TOOL AND METHOD THEREFOR**  
[54] **OUTIL ET METHODE DE SOUDAGE A BRIDE COMMANDEE PAR CAME**  
[72] FIGIEL, Janusz, US  
[72] DRABAREK, Peter, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-26  
[43] 1999-10-03  
[30] US (09/054,663) 1998-04-03

---

[21] **2,267,044**  
[13] A1

[51] **Int.Cl. 6B65B 13/32**  
[25] EN  
[54] **STRAP WELDING TOOL WITH BASE PLATE FOR REDUCING STRAP COLUMN STRENGTH AND METHOD THEREFOR**  
[54] **OUTIL ET METHODE DE SOUDAGE A BRIDE AVEC SOCLE PERMETTANT DE REDUIRE LA RESISTANCE EN COLONNE**  
[72] DRABAREK, Peter, US  
[72] FIGIEL, Janusz, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-26  
[43] 1999-10-03  
[30] US (09/054,715) 1998-04-03

---

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[21] **2,267,060**  
[13] A1

[51] **Int.Cl. 6G01N 33/574 6G01N 33/573**  
[25] EN  
[54] **IMMUNOLOGICAL PROCESS FOR PSA DETERMINATION**  
[54] **PROCESSUS IMMUNOLOGIQUE POUR LA DETERMINATION DU PSA**  
[72] PETER, Jochen, US  
[72] HOSEL, Wolfgang, DE  
[72] UNVERZAGT, Carlo, DE  
[71] ROCHE DIAGNOSTICS GMBH, DE  
[22] 1999-03-29  
[43] 1999-10-03  
[30] DE (198 14 915.8) 1998-04-03

---

[21] **2,267,434**  
[13] A1

[51] **Int.Cl. 6C08G 73/10 6C08G 69/10 6C08G 73/12**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF POLYMERS WITH REPEATING SUCCINYL UNITS USING CATALYSTS**  
[54] **PROCEDE DE PREPARATION DE POLYMERES AYANT DES UNITES DE SUCCINYL A REPETITION QUI COMPREND L'UTILISATION DE CATALYSEURS**  
[72] SCHUBART, Rüdiger, DE  
[72] WEIDER, Richard, US  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-03-29  
[43] 1999-10-03  
[30] DE (19815025.3) 1998-04-03

---

[21] **2,267,440**  
[13] A1

[51] **Int.Cl. 6G06T 11/00 6G06T 7/00**  
[25] EN  
[54] **A SYSTEM FOR AUTOMATIC GENERATION OF SELECTIVE PARTIAL RENDERINGS OF COMPLEX SCENES**  
[54] **SYSTEME POUR LA GENERATION AUTOMATIQUE DE RENDUS SELECTIFS PARTIELS DE SCENES COMPLEXES**  
[72] SMIRNOV, Alexis, CA  
[72] KRATTLI, Jean-Marc, FR  
[71] AVID TECHNOLOGY, INC., US  
[22] 1999-03-30  
[43] 1999-10-03  
[30] US (60/080,584) 1998-04-03  
[30] US (09/107,993) 1998-06-30

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[21] **2,267,444**  
[13] A1

[51] **Int.Cl. 6H04L 29/14 6G06F 9/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRANSPARENT SERVER FAILOVER FOR HIGHLY AVAILABLE OBJECTS**  
[54] **METHODE ET APPAREIL DE RE-ACHEMINEMENT PAR FAILOVER POUR DES OBJETS A HAUTE DISPONIBILITE**  
[72] TALLURI, Madhusudhan, US  
[72] MATENA, Vladimir, US  
[72] KHALIDI, Yousef A., US  
[72] BERNABEU-AUBAN, Jose M., ES  
[72] MURPHY, Declan J., US  
[72] TUCKER, Andrew G., US  
[71] SUN MICROSYSTEMS, INC., US  
[22] 1999-03-29  
[43] 1999-10-09  
[30] US (09/058,406) 1998-04-09

---

[21] **2,267,462**  
[13] A1

[51] **Int.Cl. 6C03B 35/10**  
[25] EN  
[54] **GLASS CONTAINER HANDLING SYSTEM**  
[54] **SYSTEME DE MANUTENTION DE CONTENANTS DE VERRE**  
[72] LEIDY, D. Wayne, US  
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US  
[22] 1999-03-30  
[43] 1999-10-06  
[30] US (09/055,512) 1998-04-06

---

[21] **2,267,483**  
[13] A1

[51] **Int.Cl. 6F17C 5/06**  
[25] EN  
[54] **GAS CAPSULE**  
[54] **CAPSULE DE GAZ**  
[72] GARRETT, Michael Ernest, GB  
[71] THE BOC GROUP PLC, GB  
[22] 1999-03-29  
[43] 1999-10-03  
[30] GB (9807175.6) 1998-04-03

---



Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

---

[21] **2,267,486**  
[13] A1  
[51] **Int.Cl. 6H05B 41/14**  
[25] EN  
[54] **OPERATING CIRCUIT FOR DISCHARGE LAMPS WITH SWITCHABLE OPERATING STATES**  
[54] **CIRCUIT POUR LAMPES A DECHARGE POSSEDANT DES ETATS COMMUTABLES**  
[72] FISCHER, Klaus, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 1999-03-29  
[43] 1999-10-07  
[30] DE (198 15 624.3) 1998-04-07

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[21] **2,267,504**  
[13] A1  
[51] **Int.Cl. 6H01P 7/10**  
[25] EN  
[54] **DIELECTRIC RESONATOR DEVICE**  
[54] **RESONATEUR DIELECTRIQUE**  
[72] SONODA, Tomiya, JP  
[72] HIRATSUKA, Toshiro, JP  
[72] MIKAMI, Shigeyuki, JP  
[71] MURATA MANUFACTURING CO., LTD., JP  
[22] 1999-03-30  
[43] 1999-10-03  
[30] JP (10-91986) 1998-04-03  
[30] JP (11-062217) 1999-03-09

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[21] **2,267,517**  
[13] A1  
[51] **Int.Cl. 6H04B 7/216 6H04B 7/08**  
[25] EN  
[54] **CDMA ADAPTIVE ANTENNA RECEIVING APPARATUS AND COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION ET APPAREIL RECEPTEUR A ANTENNE AMRC ADAPTABLE**  
[72] ISHII, Naoto, JP  
[72] USHIROKAWA, Akihisa, JP  
[72] YOSHIDA, Shousei, JP  
[71] NEC CORPORATION, JP  
[22] 1999-03-30  
[43] 1999-10-07  
[30] JP (094626/1998) 1998-04-07

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[21] **2,267,537**  
[13] A1  
[51] **Int.Cl. 6G06T 5/00 6G11B 23/00 6G06T 13/00 6H04N 5/262**  
[25] EN  
[54] **IMAGE DATA EDITING EDITION D'IMAGES**  
[72] HERMANSON, David William, CA  
[71] DISCREET LOGIC INC., CA  
[22] 1999-03-30  
[43] 1999-10-03  
[30] GB (98 07 165.7) 1998-04-03

---

[21] **2,267,540**  
[13] A1  
[51] **Int.Cl. 6G06T 5/00 6G11B 23/00 6G06T 13/00 6H04N 5/262**  
[25] EN  
[54] **MODIFYING IMAGE DATA MODIFICATION D'IMAGES**  
[72] HAWLITZECK, Marc, US  
[72] BOYD, Martin David, US  
[71] DISCREET LOGIC INC., CA  
[22] 1999-03-30  
[43] 1999-10-03  
[30] US (09/055,091) 1998-04-03

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[21] **2,267,542**  
[13] A1  
[51] **Int.Cl. 6G11B 27/02 6G11B 23/00 6G06F 12/06 6H04N 5/262**  
[25] EN  
[54] **PROCESSING IMAGE DATA TRAITEMENT D'IMAGES**  
[72] WEAVER, Dale Matthew, US  
[71] DISCREET LOGIC INC., CA  
[22] 1999-03-30  
[43] 1999-10-03  
[30] US (09/055,078) 1998-04-03

---

[21] **2,267,553**  
[13] A1  
[51] **Int.Cl. 6F16F 9/02**  
[25] EN  
[54] **PROGRESSIVE AIR SPRING PROGRESSIF**  
[54] **RESSORT PNEUMATIQUE PROGRESSIF**  
[72] DESROCHERS, Pierre, CA  
[71] DESROCHERS, Pierre, CA  
[22] 1999-03-30  
[43] 1999-10-03  
[30] US (09/055,135) 1998-04-03

---

[21] **2,267,570**  
[13] A1  
[51] **Int.Cl. 6G06F 3/14**  
[25] EN  
[54] **A USER INTERFACE DEVICE FOR MANAGING COMPLEX OBJECT RELATIONSHIPS**  
[54] **INTERFACE UTILISATEUR POUR GERER LES RELATIONS ENTRE OBJETS COMPLEXES**  
[72] STERLING, Darren S., CA  
[72] BOUCHARD, Jean-Claude, CA  
[71] AVID TECHNOLOGY, INC., US  
[22] 1999-03-30  
[43] 1999-10-03  
[30] US (60/080,581) 1998-04-03  
[30] US (09/107,995) 1998-06-30

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[21] **2,267,572**  
[13] A1  
[51] **Int.Cl. 6F16B 25/00 6F16B 25/04**  
[25] EN  
[54] **SCREW FOR USE AS A FASTENER IN FIBROUS MATERIAL SUCH AS WOOD**  
[54] **VIS SERVANT DE DISPOSITIF DE FIXATION DANS UNE MATIERE FIBREUSE TELLE QUE LE BOIS**  
[72] WALTHER, Uli, CA  
[72] WALTHER, Thorsten, CA  
[72] WALTHER, Mirco, CA  
[71] WALTHER, Gerda, CA  
[71] WALTHER, Uli, CA  
[71] WALTHER, Thorsten, CA  
[71] WALTHER, Mirco, CA  
[22] 1999-03-29  
[43] 1999-10-03  
[30] CA (2,234,040) 1998-04-03

---

[21] **2,267,578**  
[13] A1  
[51] **Int.Cl. 6F16K 27/00 6F16K 27/12**  
[25] EN  
[54] **VALVE HOUSING WITH A CONNECTING PART AND A CAP**  
[54] **LOGEMENT DE SOUPAPE AVEC ELEMENT DE CONNEXION ET CAPUCHON**  
[72] BOROWSKI, Ralf, DE  
[71] GESTRA GMBH, DE  
[22] 1999-03-31  
[43] 1999-10-06  
[30] DE (198 15 340.6) 1998-04-06

# Demandes canadiennes mises à la disponibilité du public

3 octobre 1999 - 9 octobre 1999

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[21] **2,267,580**  
[13] A1  
[51] **Int.Cl. 6H04B 3/23 6H04L 25/08 6H04Q 1/18 6H04M 1/74**  
[25] EN  
[54] **MULTICHANNEL ECHO CANCELLER WITH A COMPANDER**  
[54] **SOUSTRACTION D'ECHO MULTICANAUX PAR LE BIAIS D'UN CIRCUIT DE COMPRESSION-EXTENSION**  
[72] MATT, Hans Jürgen, DE  
[72] WALKER, Michael, DE  
[72] MANN, Armin, DE  
[72] SOHNLE, Holger, DE  
[72] WEINSCHENK, Fritz, DE  
[71] ALCATEL, FR  
[22] 1999-04-08  
[43] 1999-10-09  
[30] DE (198 15 942.0) 1998-04-09

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[21] **2,267,587**  
[13] A1  
[51] **Int.Cl. 6H04L 25/08 6H04L 27/00 6H04L 1/22 6H04L 12/56**  
[25] EN  
[54] **APPARATUS AND METHOD FOR REDUCING CROSS-TALK IN BROADBAND SYSTEMS AND METHOD OF IMPROVING DATA RECOVERY**  
[54] **APPAREIL ET METHODE DE REDUCTION DE LA DIAPHONIE DANS LES SYSTEMES A LARGE BANDE ET METHODE POUR AMELIORER LA RECUPERATION DES DONNEES**  
[72] HUMPHREY, Leslie D., GB  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-03-31  
[43] 1999-10-06  
[30] GB (98 07403.2) 1998-04-06

---

[21] **2,267,598**  
[13] A1  
[51] **Int.Cl. 6G11C 27/02 6G11C 7/00 6H04B 3/02 6H04B 3/23 6H04M 1/60**  
[25] EN  
[54] **ELECTRONIC CIRCUIT FOR MULTICHANNEL PROCESSING OF BASIC FUNCTIONS**  
[54] **CIRCUIT ELECTRONIQUE DE TRAITEMENT MULTI-CANAUX DES FONCTIONS DE BASE**  
[72] SOHNLE, Holger, DE  
[72] MATT, Hans Jürgen, DE  
[72] MANN, Armin, DE  
[72] WALKER, Michael, DE  
[72] WEINSCHENK, Fritz, DE  
[71] ALCATEL, FR  
[22] 1999-04-08  
[43] 1999-10-09  
[30] DE (198 15 961.7) 1998-04-09

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[21] **2,267,581**  
[13] A1  
[51] **Int.Cl. 6A61M 39/10**  
[25] EN  
[54] **SELF-PRIMING NEEDLE-FREE "Y"-ADAPTER**  
[54] **ADAPTATEUR EN « Y » SANS AIGUILLE A AMORCAGE AUTOMATIQUE**  
[72] DAVIS, Ralph L., US  
[71] FILTERTEK INC., US  
[22] 1999-03-31  
[43] 1999-10-03  
[30] US (09/055,142) 1998-04-03

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[21] **2,267,591**  
[13] A1  
[51] **Int.Cl. 6G06T 15/00**  
[25] EN  
[54] **A SYSTEM FOR EDITING COMPLEX VISUAL DATA PROVIDING A CONTINUOUSLY UPDATED RENDERINGS**  
[54] **SYSTEME D'EDITION DE DONNEES VISUELLES COMPLEXES FOURNISSANT DES RENDUS ACTUALISES DE FACON CONTINUE**  
[72] SMIRNOV, Alexis, CA  
[72] QUAKNINE, Alain, CA  
[72] KRATTLI, Jean-Marc, FR  
[71] AVID TECHNOLOGY, INC., US  
[22] 1999-03-30  
[43] 1999-10-03  
[30] US (60/080,583) 1998-04-03  
[30] US (09/096,187) 1998-06-12

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[21] **2,267,649**  
[13] A1  
[51] **Int.Cl. 6B21D 43/00**  
[25] EN  
[54] **MACHINE FOR ADVANCING A SHEET METAL STRIP IN MEASURED INCREMENTS**  
[54] **MACHINE POUR FAIRE PROGRESSER DES RUBANS METALLIQUES PAR INCREMENTS MESURES**  
[72] LIEFER, Kalin, US  
[72] SCHOENBECK, Elroy, US  
[71] RED BUD INDUSTRIES, INC., US  
[22] 1999-03-31  
[43] 1999-10-06  
[30] US (60/080,793) 1998-04-06  
[30] US (09/191,300) 1998-11-13

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[21] **2,267,585**  
[13] A1  
[51] **Int.Cl. 6G06F 3/14**  
[25] EN  
[54] **EXTENDED SUPPORT FOR NUMERICAL CONTROLS**  
[54] **MEILLEURE PRISE EN CHARGE DES COMMANDES NUMERIQUES**  
[72] BOUCHARD, Jean-Claude, CA  
[72] MOREAU, Sylvain G., CA  
[72] GAGNE, Rejean, CA  
[71] AVID TECHNOLOGY, INC., US  
[22] 1999-03-30  
[43] 1999-10-03  
[30] US (60/080,582) 1998-04-03  
[30] US (09/107,994) 1998-06-30

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[21] **2,267,685**  
[13] A1  
[51] **Int.Cl. 6B25C 3/00 6B25B 23/06**  
[25] EN  
[54] **TRAY FOR SUPPORTING A PLURALITY OF NAIL PACKS**  
[54] **PLATEAU DE RANGEMENT D'EMBALLAGES DE CLOUS**  
[72] GRATZ, Jeffery J., US  
[71] FIBERFORM CONTAINERS, INC., US  
[22] 1999-03-31  
[43] 1999-10-06  
[30] US (09/055,776) 1998-04-06

Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

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[21] **2,267,687**  
[13] A1  
[51] **Int.Cl. 6F02C 6/00 6F02C 9/40**  
[25] EN  
[54] **TURBINE PLANT**  
[54] **INSTALLATION DE TURBINE**  
[72] MORI, Hidetaka, JP  
[72] FUKUE, Ichiro, JP  
[72] UEMATSU, Kazuo, JP  
[72] SUGISHITA, Hideaki, JP  
[71] MITSUBISHI HEAVY INDUSTRIES,  
LTD., JP  
[22] 1999-03-31  
[43] 1999-10-07  
[30] JP (10-094662) 1998-04-07  
[30] JP (10-094663) 1998-04-07

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[21] **2,267,689**  
[13] A1  
[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **ASYNCHRONOUS TRANSFER**  
**MODE LAYER AUTOMATIC**  
**PROTECTION SWITCHING**  
**MECHANISM FOR ATM PERMANENT**  
**VIRTUAL CONNECTIONS**  
[54] **MECANISME DE COMMANDE DE**  
**PROTECTION PAR MODE DE**  
**TRANSFERT ASYNCHRONE POUR**  
**LES CONNEXIONS ATM VIRTUELLES**  
**PERMANENTES**  
[72] MORALES, Luis E., US  
[71] AT&T CORP., US  
[22] 1999-03-31  
[43] 1999-10-06  
[30] US (09/055,507) 1998-04-06

---

[21] **2,267,700**  
[13] A1  
[51] **Int.Cl. 6F16B 23/00 6B25B 31/00**  
**6F16B 37/00**  
[25] EN  
[54] **FASTENER SYSTEM WITH**  
**CROSS-SLOT RECESS AND CROSS-**  
**SLOT BIT**  
[54] **SYSTEME DE FIXATION AVEC**  
**RAINURE ET MECHE**  
**TRANSVERSALES**  
[72] YAMAMOTO, Albert K., US  
[72] DEWAN, Stanley H., US  
[71] FAIRCHILD HOLDING CORP., US  
[22] 1999-04-01  
[43] 1999-10-03  
[30] US (09/055,065) 1998-04-03

---

[21] **2,267,703**  
[13] A1  
[51] **Int.Cl. 6A63H 33/38 6B42D 1/00**  
[25] EN  
[54] **BOOK WITH SLIDING TOY**  
[54] **LIVRE DOTE D'UN JOUET**  
**MOBILE**  
[72] WARREN, Candy, US  
[71] READER'S DIGEST CHILDREN'S  
PUBLISHING, INC., US  
[22] 1999-03-31  
[43] 1999-10-03  
[30] US (09/055,182) 1998-04-03

---

[21] **2,267,710**  
[13] A1  
[51] **Int.Cl. 6H01J 23/20**  
[25] EN  
[54] **LOW IMPEDANCE GRID-ANODE**  
**INTERACTION REGION FOR AN**  
**INDUCTIVE OUTPUT AMPLIFIER**  
[54] **REGION D'INTERACTION**  
**GRILLE-ANODE A FAIBLE**  
**IMPEDANCE POUR UN**  
**AMPLIFICATEUR DE SORTIE**  
**INDUCTIF**  
[72] SYMONS, Robert Spencer, US  
[71] LITTON SYSTEMS, INC., US  
[22] 1999-03-24  
[43] 1999-10-03  
[30] US (09/054,747) 1998-04-03

---

[21] **2,267,733**  
[13] A1  
[51] **Int.Cl. 6G06F 3/14**  
[25] EN  
[54] **METHOD FOR EDITING OBJECTS**  
**REPRESENTING WRITING ON AN**  
**ELECTRONIC WRITEBOARD**  
[54] **METHODE D'EDITION D'OBJETS**  
**REPRESENTANT L'ECRITURE SUR UN**  
**TABLEAU ELECTRONIQUE**  
[72] VAN LEPEREN, Taco, CA  
[71] SMART TECHNOLOGIES, INC., CA  
[22] 1999-04-01  
[43] 1999-10-06  
[30] US (60/080,820) 1998-04-06

---

[21] **2,267,734**  
[13] A1  
[51] **Int.Cl. 6B01J 20/16 6B01J 20/30**  
[25] EN  
[54] **OZONE ADSORBENT, OZONE-**  
**ADSORBING MOLDED PRODUCT,**  
**AND METHOD OF MAKING SAME**  
[54] **PRODUIT MOULE AYANT LE**  
**POUVOIR D'ADSORBER DE L'OZONE**  
**ET FABRICATION DE CELUI-CI**  
[72] YASUTAKE, Akinori, JP  
[72] TOMONAGA, Nariyuki, JP  
[72] TSUTAYA, Hiroyuki, JP  
[72] IZUMI, Jun, JP  
[71] MITSUBISHI HEAVY INDUSTRIES,  
LTD., JP  
[22] 1999-04-01  
[43] 1999-10-03  
[30] JP (91815/1998) 1998-04-03

---

[21] **2,267,741**  
[13] A1  
[51] **Int.Cl. 6A63B 5/11 6A63B 6/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**ATTACHING A TRAMPOLINE PAD**  
[54] **METHODE ET DISPOSITIF DE**  
**FIXATION DE COUSSIN DE**  
**TRAMPOLINE**  
[72] VOSS, Tim, US  
[72] GIFT, J. Paul, US  
[71] FLEXIBLE FLYER, US  
[22] 1999-04-01  
[43] 1999-10-07  
[30] US (09/056,581) 1998-04-07

---

[21] **2,267,804**  
[13] A1  
[51] **Int.Cl. 6G02B 27/01**  
[25] EN  
[54] **DISPLAY ARRANGEMENTS**  
[54] **SYSTEME DE REPRESENTATION**  
[72] BARTLETT, Christopher Travers, GB  
[71] MARCONI ELECTRONIC SYSTEMS  
LIMITED, GB  
[22] 1999-04-01  
[43] 1999-10-04  
[30] GB (9807186.3) 1998-04-04

**Demandes canadiennes mises à la disponibilité du public**  
**3 octobre 1999 - 9 octobre 1999**

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[21] **2,267,805**  
[13] A1

[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **SEPARATION OF AIR**  
[54] **SEPARATION D'AIR**  
[72] HINE, Christopher John, GB  
[71] THE BOC GROUP PLC, GB  
[22] 1999-03-31  
[43] 1999-10-09  
[30] GB (9807833.0) 1998-04-09

---

[21] **2,267,811**  
[13] A1

[51] **Int.Cl. 6H02P 6/00**  
[25] EN  
[54] **BRIDGE-TYPE INVERTER CIRCUIT**  
[54] **CIRCUIT INVERSEUR A PONT**  
[72] SUZUKI, Sadanori, JP  
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[22] 1999-04-01  
[43] 1999-10-06  
[30] JP (10-093497) 1998-04-06

---

[21] **2,267,819**  
[13] A1

[51] **Int.Cl. 6G02F 1/137**  
[25] EN  
[54] **IMAGE DISPLAY APPARATUS**  
[54] **APPAREIL D'AFFICHAGE D'IMAGES**  
[72] IWASHITA, Sakan, JP  
[72] KITAGAWA, Koji, JP  
[71] SONY CORPORATION, JP  
[22] 1999-03-31  
[43] 1999-10-06  
[30] JP (P10-093514) 1998-04-06

---

[21] **2,267,822**  
[13] A1

[51] **Int.Cl. 6A63H 33/38 6B42D 1/00**  
[25] EN  
[54] **BOOK WITH ROTATING CUT-OUT PORTION**  
[54] **LIVRE DOTE D'UNE PARTIE DECOUPEE ROTATIVE**  
[72] TEICHBERG, Ira, US  
[71] READER'S DIGEST CHILDREN'S PUBLISHING, INC., US  
[22] 1999-03-31  
[43] 1999-10-03  
[30] US (09/055,180) 1998-04-03

---

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[21] **2,267,826**  
[13] A1

[51] **Int.Cl. 6C07D 311/72**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING D,L-ALPHA-TOCOPHEROL**  
[54] **PROCESSUS DE FABRICATION DU D,L-ALPHA-TOCOPHEROL**  
[72] BONRATH, Werner, DE  
[72] BAAK, Marcel, CH  
[72] KREIENBUHL, Paul, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1999-03-31  
[43] 1999-10-06  
[30] EP (98106237.5) 1998-04-06

---

[21] **2,267,827**  
[13] A1

[51] **Int.Cl. 6B67D 1/08 6A47G 23/04**  
[25] EN  
[54] **SPIRIT CHILLER**  
[54] **DISPOSITIF DE REFROIDISSEMENT D'ALCOOLAT**  
[72] GARRETT, Michael Ernest, GB  
[72] SHERVINGTON, Evelyn Arthur, GB  
[71] THE BOC GROUP PLC, GB  
[22] 1999-03-31  
[43] 1999-10-08  
[30] GB (9807594.8) 1998-04-08

---

[21] **2,267,828**  
[13] A1

[51] **Int.Cl. 6G06K 9/54**  
[25] EN  
[54] **MULTIPLE SIZE REDUCTIONS FOR IMAGE SEGMENTATION**  
[54] **REDUCTIONS MULTIPLES DE LA TAILLE D'UNE IMAGE AFIN DE LA SEGMENTER**  
[72] KRTOLICA, Radovan, US  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 1999-04-01  
[43] 1999-10-08  
[30] US (09/057,346) 1998-04-08

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[21] **2,267,829**  
[13] A1

[51] **Int.Cl. 6G02F 1/1333**  
[25] EN  
[54] **DISPLAY APPARATUS AND ITS COOLING METHOD**  
[54] **APPAREIL D'AFFICHAGE ET MODE DE REFROIDISSEMENT**  
[72] ONO, Hiroyuki, JP  
[72] TAKATSUKA, Hiroshi, JP  
[72] YAMADA, Susumu, JP  
[71] SONY CORPORATION, JP  
[22] 1999-03-31  
[43] 1999-10-06  
[30] JP (P10-093460) 1998-04-06

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[21] **2,267,830**  
[13] A1

[51] **Int.Cl. 6H04N 7/50 6H03M 7/30 6H04N 5/917**  
[25] EN  
[54] **DATA CONVERSION METHOD AND APPARATUS AND SIGNAL RECORDING AND REPRODUCTION APPARATUS UTILIZING SAME**  
[54] **METHODE ET APPAREIL DE CONVERSION DES DONNEES ET APPAREIL D'ENREGISTREMENT ET DE REPRODUCTION DE SIGNAUX SE SERVANT DE CEUX-CI**  
[72] TODO, Shin, JP  
[72] SUZUKI, Yoshinori, JP  
[72] TOGASHI, Haruo, JP  
[72] MATSUMOTO, Hideyuki, JP  
[72] SUGIYAMA, Akira, JP  
[71] SONY CORPORATION, JP  
[22] 1999-03-31  
[43] 1999-10-03  
[30] JP (P10-091993) 1998-04-03

---

[21] **2,267,831**  
[13] A1

[51] **Int.Cl. 6G11B 27/02**  
[25] EN  
[54] **EDITING SYSTEM AND METHOD AND DISTRIBUTION MEDIUM**  
[54] **SYSTEME ET METHODE D'EDITION ET SUPPORT DE DISTRIBUTION**  
[72] HIRAI, Keiji, JP  
[72] MIYAUCHI, Hideaki, JP  
[72] TOBITA, Satoru, JP  
[72] SATO, Kazushi, JP  
[72] TANIZAWA, Seiji, JP  
[71] SONY CORPORATION, JP  
[22] 1999-03-31  
[43] 1999-10-06  
[30] JP (P10-093632) 1998-04-06

---

Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

[21] **2,267,832**  
[13] A1  
[51] **Int.Cl. 6C07C 47/21 6C07C 45/51**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF DIHYDROCITRAL**  
[54] **PROCEDE DE FABRICATION DU DIHYDROCITRAL**  
[72] BONRATH, Werner, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1999-03-31  
[43] 1999-10-07  
[30] EP (98106299.5) 1998-04-07

[21] **2,267,841**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/30 6H04B 7/005 6H04Q 7/22 6H04B 7/26 6H04Q 7/32**  
[25] EN  
[54] **MOBILE COMMUNICATION SYSTEM, COMMUNICATION CONTROL METHOD, AND BASE STATION AND MOBILE STATION TO BE EMPLOYED IN THE SAME**  
[54] **SYSTEME DE COMMUNICATION MOBILE, METHODE DE CONTROLE DES COMMUNICATIONS ET STATION DE BASE UTILISANT UNE STATION MOBILE**  
[72] USHIROKAWA, Akihisa, JP  
[72] HAMABE, Kojiro, JP  
[71] NEC CORPORATION, JP  
[22] 1999-04-01  
[43] 1999-10-07  
[30] JP (094288/98) 1998-04-07  
[30] JP (311733/98) 1998-11-02

[21] **2,267,843**  
[13] A1  
[51] **Int.Cl. 6G02F 1/1335**  
[25] EN  
[54] **DEVICE FOR LOCAL ATTENUATION OF LIGHT INTENSITY IN THE VIEWING AREA OF A LIGHT-SENSITIVE VIEWING AND/OR RECORDING DEVICE**  
[54] **APPAREIL POUR L'ATTENUATION LOCALE DE L'INTENSITE LUMINEUSE DANS LA ZONE DE VISIONNEMENT D'UN APPAREIL DE VISIONNEMENT OU D'ENREGISTREMENT PHOTOLENSIBLE**  
[72] DULTZ, Wolfgang, DE  
[72] BERESNEV, Leonid, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[22] 1999-04-01  
[43] 1999-10-06  
[30] DE (198 15 337.6) 1998-04-06

[21] **2,267,844**  
[13] A1  
[51] **Int.Cl. 6A61K 38/18 6A61K 48/00 6A61K 31/70**  
[25] EN  
[54] **USE OF A COMBINATION OF AN OSTEOINDUCTIVE PROTEIN AND A DORSALIZING FACTOR FOR CARTILAGE INDUCTION**  
[54] **UTILISATION D'UN MELANGE DE PROTEINE OSTEOINDUCTIVE ET D'UN FACTEUR DE DORSALISATION AUX FINS D'INDUCTION DU CARTILAGE**  
[72] DONY, Carola, DE  
[72] BURTSCHER, Helmut, DE  
[72] PROETZEL, Gabriele, DE  
[71] ROCHE DIAGNOSTICS GMBH, DE  
[22] 1999-03-31  
[43] 1999-10-08  
[30] EP (98106404.1) 1998-04-08

[21] **2,267,847**  
[13] A1  
[51] **Int.Cl. 6C09B 55/00 6C11D 7/18 6C07C 251/24 6C11D 7/38**  
[25] EN  
[54] **PROCESS FOR TREATING TEXTILE MATERIALS**  
[54] **PROCESSUS DE TRAITEMENT DES MATERIAUX TEXTILES**  
[72] DANNACHER, Josef, CH  
[72] RICHTER, Grit, DE  
[72] WEINGARTNER, Peter, CH  
[72] SCHLINGLOFF, Gunther, CH  
[72] MAKOWKA, Cornelia, DE  
[72] BACHMANN, Frank, DE  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 1999-04-01  
[43] 1999-10-06  
[30] EP (98810289.3) 1998-04-06

[21] **2,267,853**  
[13] A1  
[51] **Int.Cl. 6E05B 17/10**  
[25] EN  
[54] **LIGHTING KEY**  
[54] **DISPOSITIF D'ECLAIRAGE POUR CLE**  
[72] ASKARI, Ehsan C., CA  
[71] ASKARI, Ehsan C., CA  
[22] 1999-03-30  
[43] 1999-10-03

[21] **2,267,855**  
[13] A1  
[51] **Int.Cl. 6F16M 13/00 6H05K 7/18**  
[25] EN  
[54] **APPARATUS FOR MOUNTING OBJECTS**  
[54] **APPAREIL DE MONTAGE D'OBJETS**  
[72] CYRELL, Alexander, US  
[71] OMNIMOUNT SYSTEMS, INC., US  
[22] 1999-03-31  
[43] 1999-10-06  
[30] US (09/055,600) 1998-04-06

[21] **2,267,858**  
[13] A1  
[51] **Int.Cl. 6A47B 96/07**  
[25] EN  
[54] **CONTINUOUSLY ADJUSTABLE SURFACE MOUNTING SYSTEM**  
[54] **SYSTEME DE MONTAGE D'OBJETS REGLABLE EN CONTINU**  
[72] CYRELL, Alexander, US  
[71] OMNIMOUNT SYSTEMS, INC., US  
[22] 1999-03-31  
[43] 1999-10-06  
[30] US (09/055,602) 1998-04-06

[21] **2,267,866**  
[13] A1  
[51] **Int.Cl. 6A62B 3/00 6E06B 5/00 6B60J 1/00 6E04C 2/34 6E04C 2/54**  
[25] EN  
[54] **COLLAPSIBLE PANEL AND METHOD FOR CONTROLLED COLLAPSING THEREOF**  
[54] **PANNEAU DEMONTABLE ET METHODE POUR LE DEMONTAGE GERE DUDIT PANNEAU**  
[72] COLLINUCCI, Luciana, IT  
[71] CERTIME AMSTERDAM B.V., NL  
[22] 1999-03-31  
[43] 1999-10-09  
[30] EP (98106645.9) 1998-04-09

**Demandes canadiennes mises à la disponibilité du public**

**3 octobre 1999 - 9 octobre 1999**

[21] **2,267,868**  
[13] A1

[51] **Int.Cl. 6H04B 17/00 6H04B 10/08 6H04B 10/12 6H04B 10/20**  
[25] EN  
[54] **REMOTE DATA NETWORK ACCESS IN A COMMUNICATION NETWORK UTILIZING OVERHEAD CHANNELS**  
[54] **ACCES A DISTANCE A UN RESEAU DE DONNEES INTEGRE A UN RESEAU DE COMMUNICATION UTILISANT DES CANAUX AUXILIAIRES**  
[72] LINDHOLM, Wayne D., US  
[72] DOMBROWSKI, John J., US  
[72] KONG, Tai-Bai, US  
[71] AT&T CORP., US  
[22] 1999-03-31  
[43] 1999-10-07  
[30] US (09/056,171) 1998-04-07

[21] **2,267,869**  
[13] A1

[51] **Int.Cl. 6F24C 11/00 6F24C 7/00**  
[25] EN  
[54] **ELECTRIC COOKING OVEN WITH INFRARED GAS BROILER**  
[54] **FOUR ELECTRIQUE AVEC ELEMENT DE GRILLAGE AUX INFRAROUGES**  
[72] DELGADO, Humberto, US  
[72] ADAMS, Carl H., US  
[72] KITABAYASHI, Joey, US  
[72] GENGXIN, Feng, US  
[71] DACOR, INC., US  
[22] 1999-03-31  
[43] 1999-10-06  
[30] US (09/055,977) 1998-04-06

[21] **2,267,876**  
[13] A1

[51] **Int.Cl. 6G02B 27/22 6G02B 21/22 6G02B 21/36**  
[25] EN  
[54] **BIOCULAR VIEWING SYSTEM WITH INTERMEDIATE IMAGE PLANES FOR AN ELECTRONIC DISPLAY DEVICE**  
[54] **SYSTEME DE VISIONNEMENT BINOCULAIRE AVEC PLANS INTERMEDIAIRES POUR UN AFFICHAGE ELECTRONIQUE**  
[72] HEBERT, Raymond T., US  
[71] OPTIMIZE INCORPORATED, US  
[22] 1999-03-31  
[43] 1999-10-06  
[30] US (09/056,934) 1998-04-06

[21] **2,267,878**  
[13] A1

[51] **Int.Cl. 6B29C 49/22 6B65D 1/02 6B32B 27/08**  
[25] EN  
[54] **COINJECTION STRETCH BLOW MOLDED CONTAINER**  
[54] **CONTENANTS MOULES OBTENUS PAR EXTRUSION-SOUFFLAGE A COINJECTION**  
[72] SHIMO, Hiroyuki, JP  
[72] HAYASHI, Nahoto, JP  
[72] CHIGAMI, Masako, JP  
[72] TAI, Shinji, JP  
[71] KURARAY CO., LTD., JP  
[22] 1999-03-31  
[43] 1999-10-09  
[30] JP (97433/1998) 1998-04-09

[21] **2,267,880**  
[13] A1

[51] **Int.Cl. 6A63H 33/40 6A63H 29/16**  
[25] EN  
[54] **SPINNER TOY**  
[54] **JOUET A HELICE**  
[72] SABBAGH, Julia, US  
[71] READER'S DIGEST CHILDREN'S PUBLISHING, INC., US  
[22] 1999-03-31  
[43] 1999-10-03  
[30] US (09/054,706) 1998-04-03

[21] **2,267,910**  
[13] A1

[51] **Int.Cl. 6F15B 15/16**  
[25] EN  
[54] **TELESCOPING SYSTEM WITH MULTIPLE SINGLE-STAGE TELESCOPIC CYLINDER**  
[54] **SYSTEME TELESCOPIQUE AVEC CYLINDRE TELESCOPIQUE MULTIPLE A ETAGE UNIQUE**  
[72] ZIMMERMAN, Claude R., US  
[72] BARTHALOW, Henry D., US  
[71] GROVE U.S. L.L.C., US  
[22] 1999-04-06  
[43] 1999-10-06  
[30] US (09/055,239) 1998-04-06

[21] **2,267,912**  
[13] A1

[51] **Int.Cl. 6B23D 49/06**  
[25] EN  
[54] **PIPE CUTTER AND METHOD OF CUTTING PIPE**  
[54] **COUPE-TUYAU ET METHODE UTILISEE A CETTE FIN**  
[72] CARTER, Sam W., US  
[71] CARTER, Sam W., US  
[22] 1999-04-06  
[43] 1999-10-08  
[30] US (60/081,166) 1998-04-08

[21] **2,267,918**  
[13] A1

[51] **Int.Cl. 6H05B 41/26 6H05B 41/29**  
[25] EN  
[54] **CIRCUIT ARRANGEMENT FOR OPERATING LOW-PRESSURE DISCHARGE LAMPS**  
[54] **CIRCUIT PERMETTANT D'UTILISER DES LAMPES A DECHARGE BASSE PRESSION**  
[72] ZUCHTRIEGEL, Anton, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 1999-04-06  
[43] 1999-10-07  
[30] DE (198 15 623.5) 1998-04-07

[21] **2,267,919**  
[13] A1

[51] **Int.Cl. 6G01N 1/00**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF ANALYTICAL DEVICES**  
[54] **PROCEDE DE FABRICATION DE DISPOSITIFS ANALYTIQUES**  
[72] HEIN, Bernd, DE  
[72] SCHWOBEL, Wolfgang, DE  
[71] ROCHE DIAGNOSTICS GMBH, DE  
[22] 1999-04-06  
[43] 1999-10-08  
[30] DE (198 15 684.7) 1998-04-08

Canadian Laid-Open Applications  
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[21] 2,267,923  
[13] A1

[51] **Int.Cl. 6A21D 2/02**  
[25] EN  
[54] **BIOLOGICALLY STABLE SOYA FLOUR SUSPENSION AND METHOD OF FORMING SAME**  
[54] **SUSPENSION DE FARINE DE SOJA BIOLOGIQUEMENT STABLE ET METHODE SERVANT A FORMER CETTE SUSPENSION**  
[72] SUTCLIFFE, Charles Anthony, GB  
[72] WOOLARD, Douglas John, GB  
[72] McCAIG, James, GB  
[71] AB INGREDIENTS LIMITED, GB  
[22] 1999-04-01  
[43] 1999-10-08  
[30] GB (9807617.7) 1998-04-08

[21] 2,267,924  
[13] A1

[51] **Int.Cl. 6H04J 13/00 6H04J 13/04**  
[25] EN  
[54] **MULTI-USER RECEIVING APPARATUS AND CDMA COMMUNICATION SYSTEM**  
[54] **RECEPTEUR POLYVALENT ET SYSTEME DE COMMUNICATION A ACCES MULTIPLE PAR CODE DE REPARTITION (AMCR)**  
[72] YOSHIDA, Shousei, JP  
[71] NEC CORPORATION, JP  
[22] 1999-04-01  
[43] 1999-10-07  
[30] JP (094623/1998) 1998-04-07

[21] 2,267,949  
[13] A1

[51] **Int.Cl. 6G01V 9/00 6G01F 17/00 6E21B 47/04**  
[25] EN  
[54] **METHOD OF ESTIMATING TOTAL VOLUME OF AN IRREGULAR WETWELL**  
[54] **METHODE D'EVALUATION DU VOLUME TOTAL D'UNE ENCEINTE DE CONFINEMENT PLACEE SOUS EAU**  
[72] JORRITSMA, Johannes N., CA  
[71] JORRITSMA, Johannes N., CA  
[22] 1999-04-06  
[43] 1999-10-06  
[30] US (09/055,292) 1998-04-06

[21] 2,267,959  
[13] A1

[51] **Int.Cl. 6E05C 1/10**  
[25] EN  
[54] **TILT-LATCH WITH BOLT STOP**  
[54] **VERROU A BLOCAGE ET BUTOIR**  
[72] PRETE, James G., US  
[72] BRATCHER, Michael P., US  
[72] SHARP, James, US  
[72] SCHULTZ, Steven E., US  
[72] ANNES, Jason, US  
[71] ASHLAND PRODUCTS, INC., US  
[22] 1999-04-06  
[43] 1999-10-07  
[30] US (09/056,210) 1998-04-07

[21] 2,267,962  
[13] A1

[51] **Int.Cl. 6F02F 1/10**  
[25] EN  
[54] **CYLINDER BORE ISOLATOR CORE FOR CASTING ENGINE**  
[54] **CYLINDER BLOCKS**  
[54] **AME D'ISOLATEUR D'ALESAGE SERVANT AU MOULAGE DE BLOCS DE CYLINDRES DE MOTEUR**  
[72] FENN, Gary Michael, US  
[72] HEATER, Thomas John, US  
[72] HAYLEY, Mark Allen, US  
[71] FORD GLOBAL TECHNOLOGIES, INC., US  
[22] 1999-04-06  
[43] 1999-10-07  
[30] US (09/056,358) 1998-04-07

[21] 2,267,963  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **DISPOSABLE BODY FLUIDS ABSORBENT ARTICLE**  
[54] **ARTICLE JETABLE ABSORBANT DES LIQUIDES ORGANIQUES**  
[72] SOGA, Hiroyuki, JP  
[72] INOUE, Toshio, JP  
[72] SHIMADA, Takaaki, JP  
[72] SUZUKI, Seiji, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-04-06  
[43] 1999-10-09  
[30] JP (10-97982) 1998-04-09

[21] 2,267,965  
[13] A1

[51] **Int.Cl. 6D21G 1/02**  
[25] EN  
[54] **ROLL MACHINE AND PROCESS FOR ITS OPERATION**  
[54] **MACHINE A ROULEAUX ET MODE D'EXPLOITATION**  
[72] KAYSER, Franz, DE  
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE  
[22] 1999-04-06  
[43] 1999-10-06  
[30] DE (198 15 339.2) 1998-04-06

[21] 2,267,971  
[13] A1

[51] **Int.Cl. 6F04B 47/08**  
[25] EN  
[54] **DRIVE HEAD ASSEMBLY**  
[54] **ASSEMBLAGE D'UNE TETE MOTRICE**  
[72] DEDELS, Rick, CA  
[71] R & M ENERGY SYSTEMS, US  
[22] 1999-04-06  
[43] 1999-10-03  
[30] US (60/080,552) 1998-04-03

[21] 2,267,980  
[13] A1

[51] **Int.Cl. 6F01N 3/18**  
[25] EN  
[54] **METHOD FOR DECREASING SULFURIC ACID AND SULFURIC ANHYDRIDE PRESENT IN COMBUSTION EXHAUST GAS, AND COMBUSTION EXHAUST GAS FLOW SYSTEM**  
[54] **METHODE SERVANT A REDUIRE LE TAUX D'ACIDE ET D'ANHYDRIDE SULFURIQUES D'UN GAZ D'ECHAPPEMENT DE COMBUSTION**  
[72] WAKABAYASHI, Yoshiyuki, JP  
[72] UEDA, Katsuyuki, JP  
[72] TOKUNAGA, Kikuo, JP  
[72] ICHINOSE, Toshimitsu, JP  
[72] FUJIOKA, Yuichi, JP  
[72] HISHIDA, Masashi, JP  
[72] OHKUBO, Toshiaki, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-04-06  
[43] 1999-10-08  
[30] JP (096242/1998) 1998-04-08

**Demandes canadiennes mises à la disponibilité du public**  
**3 octobre 1999 - 9 octobre 1999**

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[21] **2,267,986**  
[13] A1

[51] **Int.Cl. 6F15B 11/18 6E04H 12/18**  
[25] EN  
[54] **TELESCOPING SYSTEM WITH MULTIPLE SINGLE-STAGE TELESCOPIC CYLINDERS**  
[54] **SYSTEME TELESCOPIQUE AVEC CYLINDRES TELESCOPIQUES MULTIPLES A ETAGE UNIQUE**  
[72] BARTHALOW, Henry D., US  
[72] ZIMMERMAN, Claude R., US  
[71] GROVE U.S. L.L.C., US  
[22] 1999-04-06  
[43] 1999-10-06  
[30] US (09/055,299) 1998-04-06

---

[21] **2,268,044**  
[13] A1

[51] **Int.Cl. 6B65H 16/00**  
[25] EN  
[54] **BACKSTAND APPARATUS AND METHOD**  
[54] **DISPOSITIF ET METHODE DE SUPPORT**  
[72] HLISTA, Joseph F., US  
[72] LIFE, James A., US  
[71] ROCKLINE INDUSTRIES, US  
[22] 1999-04-07  
[43] 1999-10-07  
[30] US (09/056,467) 1998-04-07

---

[21] **2,268,192**  
[13] A1

[51] **Int.Cl. 6B60B 39/00 6B60D 1/58**  
[25] EN  
[54] **TRACTION WEIGHTS FOR LIGHT TRUCKS AND UTILITY VEHICLES**  
[54] **POIDS DE TRACTION POUR CAMIONS LEGERES ET VEHICULES UTILITAIRES**  
[72] FORTIER, Timothy E., US  
[72] KEIPERT, Frank R., Jr., US  
[71] FORTIER, Timothy E., US  
[71] KEIPERT, Frank R., Jr., US  
[22] 1999-04-07  
[43] 1999-10-08  
[30] US (60/081,104) 1998-04-08

---

[21] **2,268,203**  
[13] A1

[51] **Int.Cl. 6H02H 3/08**  
[25] EN  
[54] **SYSTEM INTERCONNECTION DEVICE AND METHOD OF DESIGNING SAME**  
[54] **DISPOSITIF D'INTERCONNEXION DE SYSTEMES ET METHODE DE CONCEPTION**  
[72] TOKUDA, Noriaki, JP  
[72] ASANO, Masakuni, JP  
[72] MATSUBARA, Yoshio, JP  
[71] NISSIN ELECTRIC CO., LTD., JP  
[22] 1999-04-07  
[43] 1999-10-08  
[30] JP (10-96343) 1998-04-08

---

[21] **2,268,206**  
[13] A1

[51] **Int.Cl. 6B01D 3/14**  
[25] EN  
[54] **DISTILLATION SCHEMES FOR MULTICOMPONENT SEPARATIONS**  
[54] **DISPOSITIFS DE DISTILLATION SERVANT A SEPARER DES COMPOSANTS MULTIPLES**  
[72] FIDKOWSKI, Zbigniew Tadeusz, US  
[72] AGRAWAL, Rakesh, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1999-04-01  
[43] 1999-10-08  
[30] US (09/057,211) 1998-04-08

---

[21] **2,268,208**  
[13] A1

[51] **Int.Cl. 6G06F 3/14 6G09B 5/02**  
[25] EN  
[54] **METHOD FOR ERASING ON AN ELECTRONIC WRITEBOARD**  
[54] **METHODE D'EFFACEMENT SUR UN TABLEAU ELECTRONIQUE**  
[72] VAN LEPEREN, Taco, CA  
[71] SMART TECHNOLOGIES, INC., CA  
[22] 1999-04-01  
[43] 1999-10-06  
[30] US (60/080,805) 1998-04-06

---

[21] **2,268,210**  
[13] A1

[51] **Int.Cl. 6G06T 1/00**  
[25] EN  
[54] **IMAGE PROCESSING APPARATUS AND METHOD OF THE SAME**  
[54] **APPAREIL ET METHODE DE TRAITEMENT DES IMAGES**  
[72] KUROSE, Yoshikazu, JP  
[71] SONY CORPORATION, JP  
[22] 1999-04-01  
[43] 1999-10-03  
[30] JP (P10-091844) 1998-04-03  
[30] JP (P11-051795) 1999-02-26

---

[21] **2,268,213**  
[13] A1

[51] **Int.Cl. 6A61K 31/505**  
[25] EN  
[54] **THERMOGENESIS STIMULATING DRUGS**  
[54] **MEDICAMENTS STIMULANT LA THERMOGENESE**  
[72] KAAAN, Elbert, GB  
[72] ZIEGLER, Dieter, GB  
[72] BING, Chen, GB  
[72] WILLIAMS, Gareth, GB  
[71] SOLVAY PHARMACEUTICALS GMBH, DE  
[22] 1999-04-01  
[43] 1999-10-06  
[30] DE (198 15 411.9) 1998-04-06

---

[21] **2,268,215**  
[13] A1

[51] **Int.Cl. 6A61K 9/20 6A61J 1/03 6A61K 9/44**  
[25] EN  
[54] **DIVIDABLE TABLET AND PRESS-THROUGH PACK**  
[54] **COMPRIME SECABLE ET EMBALLAGE MONO-ALVEOLAIRE**  
[72] IWASE, Yuji, JP  
[72] ITO, Kunio, JP  
[72] MORIMOTO, Kiyoshi, JP  
[72] HAYAKAWA, Eiji, JP  
[72] MIYABE, Junichi, JP  
[72] MIURA, Shigemitsu, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[22] 1999-04-01  
[43] 1999-10-03  
[30] JP (10-91746) 1998-04-03



Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

---

[21] **2,268,226**  
[13] A1  
[51] **Int.Cl. 6C07C 43/13 6C07C 41/01**  
[25] EN  
[54] **PROCESS FOR PREPARING 3-METHOXY-1-PROPANOL**  
[54] **PROCEDE DE FABRICATION DU 3-METHOXY-1-PROPANOL**  
[72] DOBERT, Frank, DE  
[72] KLAUSENER, Alexander, DE  
[72] WAGNER, Paul, DE  
[72] KONIG, Bernd-Michael, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-04-01  
[43] 1999-10-07  
[30] DE (19815634.0) 1998-04-07

---

[21] **2,268,227**  
[13] A1  
[51] **Int.Cl. 6B65D 65/40 6B32B 7/04**  
[25] EN  
[54] **COMPOSITE CONTAINER FOR VACUUM PACKAGING OF PRODUCTS**  
[54] **CONTENANT EN MATERIAU COMPOSITE POUR L'EMBALLAGE SOUS VIDE DE PRODUITS**  
[72] CLOUGHERTY, Kenan J., US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 1999-04-01  
[43] 1999-10-06  
[30] US (09/055,808) 1998-04-06

---

[21] **2,268,230**  
[13] A1  
[51] **Int.Cl. 6F16L 5/00 6D06F 58/20**  
[25] EN  
[54] **DRYER HOSE CONNECTOR**  
[54] **MANCHON DE RACCORDEMENT DE TUYAU**  
[72] CRAIG, Bruce, US  
[71] CRAIG, Bruce, US  
[22] 1999-04-06  
[43] 1999-10-06  
[30] US (60/080,856) 1998-04-06

---

[21] **2,268,232**  
[13] A1  
[51] **Int.Cl. 6A01K 91/10 6A01K 91/06**  
[25] EN  
[54] **HOOB SETTING AND FISH PLAYING APPARATUS**  
[54] **HAMECON ET APPAREIL DE CAPTURE DU POISSON**  
[72] DE FRATIES, Kent H., US  
[72] DE FRATIES, Linda L., US  
[71] DE FRATIES, Kent H., US  
[71] DE FRATIES, Linda L., US  
[22] 1999-04-06  
[43] 1999-10-03  
[30] US (09/055,085) 1998-04-03

---

[21] **2,268,233**  
[13] A1  
[51] **Int.Cl. 6H01H 9/54 6G06F 15/16**  
[25] EN  
[54] **DUAL MICROPROCESSOR ELECTRONIC TRIP UNIT FOR A CIRCUIT INTERRUPTER**  
[54] **BLOC DECLENCHEUR A DEUX PROCESSEURS POUR INTERRUPTEUR DE CIRCUIT**  
[72] ENGEL, Joseph Charles, US  
[72] JOHNSON, Richard Arthur, US  
[72] SALETTA, Gary Francis, US  
[71] EATON CORPORATION, US  
[22] 1999-04-06  
[43] 1999-10-06  
[30] US (09/055,522) 1998-04-06

---

[21] **2,268,235**  
[13] A1  
[51] **Int.Cl. 6H01H 71/00 6H02J 13/00**  
[25] EN  
[54] **ACCESSORY NETWORK FOR AN ELECTRONIC TRIP UNIT**  
[54] **RESEAU ACCESSOIRE POUR BLOC DECLENCHEUR ELECTRONIQUE**  
[72] ENGEL, Joseph Charles, US  
[71] EATON CORPORATION, US  
[22] 1999-04-06  
[43] 1999-10-06  
[30] US (09/055,559) 1998-04-06

---

[21] **2,268,236**  
[13] A1  
[51] **Int.Cl. 6H01H 71/04**  
[25] EN  
[54] **TRIP INDICATOR AND SIGNALLING SWITCH ASSEMBLY**  
[54] **DISJONCTEUR INDICATEUR DE DECLENCHEMENT ET ASSEMBLAGE DE COMMUTATEUR DE SIGNAL**  
[72] ULERICH, Phillip L., US  
[72] TALLMAN, Gregory D., US  
[71] EATON CORPORATION, US  
[22] 1999-04-06  
[43] 1999-10-09  
[30] US (09/058,064) 1998-04-09

---

[21] **2,268,237**  
[13] A1  
[51] **Int.Cl. 6B67D 5/373**  
[25] EN  
[54] **SPILL INHIBITING SPOUT**  
[54] **BEC ANTI-ECLABOUSSURES**  
[72] MESSNER, Marvin, US  
[71] NO-SPILL RESEARCH, INC., US  
[22] 1999-04-06  
[43] 1999-10-07  
[30] US (09/056,372) 1998-04-07

---

[21] **2,268,258**  
[13] A1  
[51] **Int.Cl. 6C12N 15/13 6A61K 48/00 6A61K 35/12 6A61K 39/395 6C07K 16/46 6G01N 33/531 6C12N 15/62 6A61K 31/70**  
[25] EN  
[54] **SINGLE-CHAIN MULTIPLE ANTIGEN-BINDING MOLECULE, ITS PREPARATION AND USE**  
[54] **MOLECULE A CHAINE SIMPLE SE LIANT AVEC DES ANTIGENES MULTIPLES, SA PREPARATION ET UTILISATION**  
[72] MULLER, Rolf, DE  
[72] SEDLACEK, Hans-Harald, DE  
[72] KONTERMANN, Roland, DE  
[71] HOECHST MARION ROUSSEL DEUTSCHLAND GMBH, DE  
[22] 1999-04-08  
[43] 1999-10-09  
[30] DE (19816141.7) 1998-04-09  
[30] DE (19827239.1) 1998-06-18

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**3 octobre 1999 - 9 octobre 1999**

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[21] **2,268,294**  
[13] A1

[51] **Int.Cl. 6H01R 9/09**  
[25] EN  
[54] **BOARD TO BOARD INTERCONNECT**  
[54] **INTERCONNEXION DE CARTES**  
[72] CROTZER, David R., US  
[72] DELPRETE, Stephen D., US  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 1999-04-07  
[43] 1999-10-08  
[30] US (056,972) 1998-04-08

---

[21] **2,268,306**  
[13] A1

[51] **Int.Cl. 6H02J 4/00**  
[25] FR  
[54] **DISPOSITIF ELECTRONIQUE DE PUISSANCE ET ENSEMBLE ELECTRONIQUE DE PUISSANCE COMPRENANT UN TEL DISPOSITIF**  
[54] **ELECTRONIC POWER DEVICE AND ELECTRONIC POWER ASSEMBLY CONTAINING SUCH A DEVICE**  
[72] LUSCHER, Patrick, FR  
[72] CETTOUR-ROSE, Jacques, FR  
[72] REGNIER, Bernard, FR  
[72] FELLMANN, Daniel, FR  
[71] ALSTOM TRANSPORT SA, FR  
[22] 1999-03-31  
[43] 1999-10-06  
[30] FR (98 04228) 1998-04-06

---

[21] **2,268,308**  
[13] A1

[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **RAPID RESTART SYSTEM FOR CRYOGENIC AIR SEPARATION PLANT**  
[54] **SYSTEME DE REDEMARRAGE RAPIDE D'INSTALLATION DE SEPARATION DE L'OXYGENE A TRES BASSE TEMPERATURE**  
[72] BEDDOME, Robert Arthur, US  
[72] DRAY, James Robert, US  
[72] LOCKETT, Michael James, US  
[72] BILLINGHAM, John Fredric, US  
[72] BONAQUIST, Dante Patrick, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-04-07  
[43] 1999-10-08  
[30] US (09/056,709) 1998-04-08

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[21] **2,268,312**  
[13] A1

[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **SERIAL COLUMN CRYOGENIC RECTIFICATION SYSTEM FOR PRODUCING HIGH PURITY NITROGEN**  
[54] **SYSTEME DE RECTIFICATION CRYOGENIQUE DE SERIE SERVANT A PRODUIRE DE L'AZOTE TRES PUR**  
[72] POTEMPA, Kevin John, US  
[72] BONAQUIST, Dante Patrick, US  
[72] LYNCH, Nancy Jean, US  
[72] VINCETT, Mark Edward, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-04-07  
[43] 1999-10-08  
[30] US (09/056,708) 1998-04-08

---

[21] **2,268,317**  
[13] A1

[51] **Int.Cl. 6C01B 13/02**  
[25] FR  
[54] **PROCEDE ET UNITE DE PRODUCTION D'OXYGENE PAR ADSORPTION AVEC CYCLE COURT**  
[54] **PROCESS AND UNIT FOR THE PRODUCTION OF OXYGEN THROUGH SHORT CYCLE ADSORPTION**  
[72] DUBOIS, Anne, FR  
[72] MONEREAU, Christian, FR  
[72] DERIVE, Nathalie, FR  
[71] L' AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD, FR  
[22] 1999-04-07  
[43] 1999-10-07  
[30] FR (98/04305) 1998-04-07

---

[21] **2,268,334**  
[13] A1

[51] **Int.Cl. 6B66C 1/66**  
[25] EN  
[54] **TRANSPORTING DEVICE FOR MATERIAL RECEPTACLES**  
[54] **DISPOSITIF SERVANT A TRANSPORTER DES RECIPIENTS DE MATIERE**  
[72] MEIER, Valentin, DE  
[71] KEURO BESITZ GMBH & CO. EDV-DIENSTLEISTUNGS KG, DE  
[22] 1999-04-06  
[43] 1999-10-08  
[30] DE (298 06 424.3) 1998-04-08

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[21] **2,268,338**  
[13] A1

[51] **Int.Cl. 6D21B 1/26**  
[25] EN  
[54] **FEEDING OF COMMINUTED FIBROUS MATERIAL TO A PULPING PROCESS**  
[54] **DISPOSITIF D'ALIMENTATION EN MATERIAU FIBREUX DANS UN PROCEDE DE FABRICATION DE PATE**  
[72] JOHANSON, Jerry R., US  
[72] PROUGH, J. Robert, US  
[71] AHLSTROM MACHINERY INC., US  
[22] 1999-04-06  
[43] 1999-10-06  
[30] US (09/055,408) 1998-04-06  
[30] US (60/080,824) 1998-04-06

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[21] **2,268,342**  
[13] A1

[51] **Int.Cl. 6B62K 3/00 6B62J 1/00**  
[25] EN  
[54] **BICYCLE PLACING RIDER IN SUBSTANTIALLY SEMI-PRONE RIDING POSITION**  
[54] **BICYCLETTE PLACANT LE CYCLISTE DANS UNE POSITION SEMI-COUCHEE**  
[72] SIBSON, Brian, US  
[71] SIBSON, Brian, US  
[22] 1999-04-06  
[43] 1999-10-07  
[30] US (09/056,483) 1998-04-07

---

[21] **2,268,361**  
[13] A1

[51] **Int.Cl. 6H04Q 3/545**  
[25] EN  
[54] **ROTATOR SWITCH DATA PATH STRUCTURES**  
[54] **STRUCTURES DE CHEMIN DES DONNEES POUR COMMUTATEUR ROTATIF**  
[72] FISHER, David Anthony, CA  
[72] LANGEVIN, Michel, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-04-08  
[43] 1999-10-09  
[30] US (09/057,525) 1998-04-09

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Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

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[21] **2,268,367**  
[13] A1  
[51] **Int.Cl. 6B41M 5/26**  
[25] EN  
[54] **MARKING PLASTICS  
SUBSTRATES**  
[54] **MARQUAGE DE COUCHES  
INTERNES DE PLASTIQUE**  
[72] HAGGARTY, John Nicholas, GB  
[71] BOWTHORPE PLC, GB  
[22] 1999-04-06  
[43] 1999-10-07  
[30] GB (9807436.2) 1998-04-07

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[21] **2,268,369**  
[13] A1  
[51] **Int.Cl. 6G02B 5/02 6G02F 1/1335**  
[25] EN  
[54] **LIGHT SCATTERING FILM AND  
LIQUID CRYSTAL DISPLAY DEVICE**  
[54] **PELLICULE DE DIFFUSION DE LA  
LUMIERE ET AFFICHEUR A  
CRISTAUX LIQUIDES**  
[72] SATO, Atsushi, JP  
[72] MURILLO-MORA, Luis Manuel, JP  
[71] TOPPAN PRINTING CO., LTD., JP  
[22] 1999-04-07  
[43] 1999-10-08  
[30] JP (10-096411) 1998-04-08  
[30] JP (10-346743) 1998-12-07

---

[21] **2,268,378**  
[13] A1  
[51] **Int.Cl. 6H04S 5/00**  
[25] EN  
[54] **QSOUND SURROUND SYNTHESIS  
FROM STEREO**  
[54] **SYNTHESE D'AMBIOPHONIE  
«SURROUND SOUND» DEPUIS UNE  
SOURCE STEREOPHONIQUE**  
[72] CASHION, Terry, CA  
[72] COWIESON, Brian, CA  
[72] ARTHUR, John, CA  
[71] QSOUND LABS, INC., CA  
[22] 1999-04-08  
[43] 1999-10-09  
[30] US (09/058,047) 1998-04-09

---

[21] **2,268,390**  
[13] A1  
[51] **Int.Cl. 6C12N 9/10 6A23L 1/16**  
[25] EN  
[54] **ENZYME PREPARATIONS AND  
PROCESS FOR PRODUCING NOODLES**  
[54] **PREPARATIONS D'ENZYMES ET  
PROCEDE DE FABRICATION DE  
NOUILLES**  
[72] SOEDA, Takahiko, JP  
[72] SAKAGUCHI, Shoji, JP  
[72] YAMAZAKI, Katsutoshi, JP  
[71] AJINOMOTO CO., INC., JP  
[22] 1999-04-07  
[43] 1999-10-08  
[30] JP (95,901/98) 1998-04-08  
[30] JP (42,613/99) 1999-02-22

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[21] **2,268,402**  
[13] A1  
[51] **Int.Cl. 6F02C 7/00**  
[25] EN  
[54] **A METHOD OF REDUCING THE  
GAP BETWEEN A LINER AND A  
TURBINE DISTRIBUTOR OF A  
TURBOJET ENGINE**  
[54] **METHODE POUR REDUIRE  
L'ESPACE ENTRE L'ISOLANT ET LE  
DISTRIBUTEUR DE TURBINE DANS  
UN TURBOREACTEUR**  
[72] MORTGAT, Didier Marie, FR  
[72] LOUBET, Michel Jean, FR  
[72] LERAY, Laurent Philippe Yves, FR  
[72] SANZ, Thierry Christian, FR  
[72] MARCHI, Marc Roger, FR  
[72] MORCILLO, Jean Manuel, FR  
[72] PERNOT, Michel Jean-Pierre, FR  
[72] HACAULT, Michel Gérard Paul, FR  
[72] BIL, Eric Stéphan, FR  
[72] ARRAITZ, Anne Marie, FR  
[71] SOCIETE NATIONALE D'ETUDE ET  
DE CONSTRUCTION DE MOTEURS  
D'AVIATION "SNEC, FR  
[22] 1999-04-07  
[43] 1999-10-09  
[30] FR (98 04423) 1998-04-09

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[21] **2,268,409**  
[13] A1  
[51] **Int.Cl. 6H04N 5/85 6G11B 7/013**  
[25] EN  
[54] **OPTICAL DISC, OPTICAL DISC  
RECORDING METHOD AND  
APPARATUS, AND OPTICAL DISC  
REPRODUCING METHOD AND  
APPARATUS**  
[54] **DISQUE OPTIQUE, METHODE ET  
DISPOSITIF D'ENREGISTREMENT  
SUR DISQUE OPTIQUE AINSI QUE  
METHODE ET DISPOSITIF DE  
REPRODUCTION DE DISQUE  
OPTIQUE**  
[72] OKADA, Tomoyuki, JP  
[72] MURASE, Kaoru, JP  
[72] TSUGA, Kazuhiro, JP  
[71] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 1999-04-07  
[43] 1999-10-08  
[30] JP (10-95661) 1998-04-08

---

[21] **2,268,464**  
[13] A1  
[51] **Int.Cl. 6A61K 7/11**  
[25] EN  
[54] **NONIONICALLY DERIVATIZED  
STARCHES AND THEIR USE IN NON-  
AEROSOL, LOW VOC HAIR  
COSMETIC COMPOSITIONS**  
[54] **EMPOIS OBTENUS SANS IONS ET  
LEURS APPLICATIONS DANS DES  
COMPOSITIONS DE FIXATIFS NON  
AEROSOLS AUX COV REDUITS**  
[72] SOLAREK, Daniel B., US  
[72] VITALE, Melissa J., US  
[72] TOLCHINSKY, Maria, US  
[72] COTTRELL, Ian W., US  
[72] MARTINO, Gary T., US  
[71] NATIONAL STARCH AND  
CHEMICAL INVESTMENT HOLDING  
CORPORATION, US  
[22] 1999-04-08  
[43] 1999-10-09  
[30] US (09/057,825) 1998-04-09  
[30] US (09/280,734) 1999-03-29

**Demandes canadiennes mises à la disponibilité du public**  
**3 octobre 1999 - 9 octobre 1999**

[21] **2,268,467**  
[13] A1

[51] **Int.Cl. 6A61K 7/11**  
[25] EN  
[54] **NON-IONICALLY DERIVATIZED STARCHES AND THEIR USE IN AEROSOL HAIR COSMETIC COMPOSITIONS**  
[54] **EMPOIS OBTENUS SANS IONS ET LEURS APPLICATIONS DANS DES COMPOSITIONS DE FIXATIFS AEROSOLS**  
[72] PAUL, Charles W., US  
[72] HENLEY, Matthew J., US  
[72] ALTIERI, Paul A., US  
[72] SOLAREK, Daniel B., US  
[72] TOLCHINSKY, Maria, US  
[72] VITALE, Melissa J., US  
[72] COTTRELL, Ian W., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 1999-04-08  
[43] 1999-10-09  
[30] US (09/057,717) 1998-04-09  
[30] US (09/280,614) 1999-03-29

[21] **2,268,471**  
[13] A1

[51] **Int.Cl. 6B41J 13/03**  
[25] EN  
[54] **SHEET-PRESSING MEMBER FOR SHEET FEEDING MECHANISM**  
[54] **ELEMENT SERRE-FEUILLE POUR MECANISME D'ALIMENTATION FEUILLE A FEUILLE**  
[72] HIRABAYASHI, Kenichi, JP  
[72] KAWAKAMI, Hideki, JP  
[71] SEIKO EPSON CORPORATION, JP  
[22] 1999-04-08  
[43] 1999-10-09  
[30] JP (10-97761) 1998-04-09  
[30] JP (10-123771) 1998-05-06

[21] **2,268,485**  
[13] A1

[51] **Int.Cl. 6H04Q 7/36**  
[25] EN  
[54] **RADIO COMMUNICATIONS SYSTEM**  
[54] **SYSTEME DE COMMUNICATIONS RADIO**  
[72] SHIBATA, Nobuyuki, JP  
[72] CHATANI, Yoshiyuki, JP  
[72] YASOOKA, Kousuke, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1999-04-08  
[43] 1999-10-09  
[30] JP (10-97728) 1998-04-09

[21] **2,268,489**  
[13] A1

[51] **Int.Cl. 6B01J 20/28 6B01J 20/18 6C07C 17/389**  
[25] EN  
[54] **ADSORBENT FOR SEPARATING HALOGENATED AROMATIC COMPOUNDS AND SEPARATION METHOD USING IT**  
[54] **ADSORBANT POUR LA SEPARATION DE COMPOSES AROMATIQUES HALOGENES ET METHODE DE SEPARATION EMPLOYANT CET ADSORBANT**  
[72] KATO, Masashi, JP  
[72] OKINO, Hirohito, JP  
[72] IWAYAMA, Kazuyoshi, JP  
[72] YAMAKAWA, Shinobu, JP  
[71] TORAY INDUSTRIES, INC., JP  
[22] 1999-04-08  
[43] 1999-10-09  
[30] JP (10-97957) 1998-04-09

[21] **2,268,506**  
[13] A1

[51] **Int.Cl. 6C12C 12/00 6C12C 5/00 6C12C 11/00**  
[25] EN  
[54] **GLUTEN-FREE BEER CONTAINING RICE MALT**  
[54] **BIERE SANS GLUTEN A BASE DE MALT DE RIZ**  
[72] COLLAVO, Francesco, IT  
[72] PAT, Antonio, IT  
[72] MACCAGNAN, Giovanni, IT  
[72] RAGG, Gian Luca, IT  
[72] BELLINI, Marina Pieranna, IT  
[71] PLASMON DIETETICI ALIMENTARI S.R.L., IT  
[71] HEINEKEN ITALIA S.P.A., IT  
[22] 1999-04-07  
[43] 1999-10-08  
[30] EP (98830215.4) 1998-04-08

[21] **2,268,507**  
[13] A1

[51] **Int.Cl. 6H02J 3/01**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO THE APPLICATION OF POWER-FACTOR CORRECTION IN AC POWER SYSTEMS**  
[54] **AMELIORATIONS A L'APPLICATION DE LA CORRECTION DU FACTEUR DE PUISSANCE DANS UN CIRCUIT D'ALIMENTATION CA**  
[72] BRIDGEMAN, Mark James, GB  
[71] ALSTOM UK LTD, GB  
[22] 1999-04-08  
[43] 1999-10-09  
[30] GB (9807638.3) 1998-04-09  
[30] GB (9812130.4) 1998-06-08

[21] **2,268,508**  
[13] A1

[51] **Int.Cl. 6D21F 1/10**  
[25] EN  
[54] **PAPERMAKER'S FORMING FABRIC**  
[54] **TOILE DE FORMATION DE FEUTRE**  
[72] BARRETT, Rex, US  
[71] JWI LTD., CA  
[22] 1999-04-08  
[43] 1999-10-08  
[30] US (09/056,784) 1998-04-08

[21] **2,268,513**  
[13] A1

[51] **Int.Cl. 6A61B 17/86**  
[25] EN  
[54] **PEDICLE SCREW AND AN ASSEMBLY AID THEREFOR**  
[54] **VIS A PEDICULE ET MECANISME D'AIDE A L'ASSEMBLAGE**  
[72] LUTZ, Christian, DE  
[71] HOWMEDICA GMBH, DE  
[22] 1999-04-08  
[43] 1999-10-09  
[30] DE (298 06 563.0) 1998-04-09

Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

---

[21] **2,268,515**  
[13] A1  
[51] **Int.Cl. 6B25J 11/00 6B25J 19/02  
6E02D 9/04 6A01G 23/08 6B66C 23/18  
6B63C 11/52**  
[25] EN  
[54] **ARTICULATED BOOM AND HEAD  
FOR MANIPULATING OBJECTS  
UNDER WATER**  
[54] **BRAS ARTICULE ET TETE DE  
MANIPULATION D'OBJETS SOUS  
L'EAU**  
[72] ACKLES, Gary, CA  
[71] ACKLES, Gary, CA  
[22] 1999-04-08  
[43] 1999-10-08  
[30] US (60/081,022) 1998-04-08

---

[21] **2,268,528**  
[13] A1  
[51] **Int.Cl. 6D21F 2/00**  
[25] EN  
[54] **PROCESS AND DEVICE FOR THE  
TRANSFER OF A FIBROUS MATERIAL  
WEB**  
[54] **PROCEDE ET DISPOSITIF POUR  
LE TRANSFERT D'UNE NAPPE  
FIBREUSE**  
[72] STEINER, Karl, DE  
[71] VOITH SULZER PAPIERTECHNIK  
PATENT GMBH, DE  
[22] 1999-04-08  
[43] 1999-10-09  
[30] DE (198 15 994.3) 1998-04-09

---

[21] **2,268,556**  
[13] A1  
[51] **Int.Cl. 6F16C 11/06**  
[25] FR  
[54] **ENSEMBLE DE DEUX OBJETS  
ARTICULES ENTRE EUX AVEC DEUX  
DEGRES DE LIBERTE EN ROTATION**  
[54] **SET OF TWO OBJECTS IN  
ARTICULATING RELATION WITH  
TWO DEGREES OF FREE ROTATION**  
[72] KETTLER, Daniel, FR  
[71] SOCIÉTÉ NATIONALE D'ÉTUDE ET  
DE CONSTRUCTION DE MOTEURS  
D'AVIATION "SNEC, FR  
[22] 1999-04-07  
[43] 1999-10-09  
[30] FR (98.04422) 1998-04-09

---

[21] **2,268,574**  
[13] A1  
[51] **Int.Cl. 6B62D 27/00 6B60J 1/20**  
[25] EN  
[54] **LOCATER PIN**  
[54] **DOIGT DE POSITIONNEMENT**  
[72] ENG, Yeap Chin, AU  
[71] ITW AUSTRALIA PTY LTD., AU  
[22] 1999-04-06  
[43] 1999-10-07  
[30] AU (PP2835) 1998-04-07

---

[21] **2,268,589**  
[13] A1  
[51] **Int.Cl. 6H04B 10/20 6H04B 10/24**  
[25] EN  
[54] **ARCHITECTURE  
REPARTITIONING TO SIMPLIFY  
OUTSIDE-PLANT COMPONENT OF  
FIBER-BASED ACCESS SYSTEM**  
[54] **REPARTITION  
D'ARCHITECTURE SERVANT A  
SIMPLIFIER LE COMPOSANT  
D'INSTALLATION EXTERNE D'UN  
SYSTEME D'ACCES A BASE DE  
FIBRES**  
[72] MORRIS, Todd Douglas, CA  
[72] GRAVES, Alan Frank, CA  
[72] ELLIS, Donald Russell, CA  
[71] NORTHERN TELECOM LIMITED,  
CA  
[22] 1999-04-06  
[43] 1999-10-07  
[30] US (09/056,096) 1998-04-07

---

[21] **2,268,591**  
[13] A1  
[51] **Int.Cl. 6B01D 9/02**  
[25] EN  
[54] **CHRYSTALLISATION METHOD  
AND INSTALLATION**  
[54] **METHODE DE CRISTALLISATION  
ET INSTALLATION**  
[72] JANSEN, Halbe Anne, NL  
[72] JANSEN, Johannes Josephus Andreas  
Gerardus, NL  
[71] NIRO PROCESS TECHNOLOGY B.V.,  
NL  
[22] 1999-04-06  
[43] 1999-10-06  
[30] NL (1008812) 1998-04-06

---

[21] **2,268,592**  
[13] A1  
[51] **Int.Cl. 6B60N 2/44 6B29C 51/10  
6B29C 51/18**  
[25] EN  
[54] **SEAMLESS THERMOFORMED  
VEHICULAR SEAT COVER, AND  
METHOD AND APPARATUS FOR  
MAKING SAME**  
[54] **COUVERTURE DE SIEGE DE  
VEHICULE THERMOFORMEE SANS  
COUTURE - METHODE ET APPAREIL  
DE FABRICATION**  
[72] SCHMIDT, William P., US  
[71] SCHMIDT, William P., US  
[22] 1999-04-06  
[43] 1999-10-03  
[30] US (09/054,651) 1998-04-03

---

[21] **2,268,595**  
[13] A1  
[51] **Int.Cl. 6H03M 5/14 6G06T 17/30**  
[25] EN  
[54] **ENCODER, METHOD THEREOF,  
AND GRAPHIC PROCESSING  
APPARATUS**  
[54] **ENCODEUR, METHODE  
D'ENCODAGE ET DISPOSITIF DE  
TRAITEMENT GRAPHIQUE**  
[72] KITA, Katsuya, JP  
[72] MITSUSHITA, Tatsumi, JP  
[71] SONY CORPORATION, JP  
[22] 1999-04-06  
[43] 1999-10-07  
[30] JP (P10-094942) 1998-04-07

---

[21] **2,268,596**  
[13] A1  
[51] **Int.Cl. 6A47L 5/30**  
[25] EN  
[54] **ROTARY BRUSH DEVICE AND  
VACUUM CLEANER USING THE SAME**  
[54] **BROSSE ROTATIVE ET  
ASPIRATEUR EQUIPE D'UNE TELLE  
BROSSE**  
[72] HAYASHI, Seizo, JP  
[72] NISHIMURA, Hiroshi, JP  
[71] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 1999-04-06  
[43] 1999-10-03  
[30] US (09/055020) 1998-04-03

**Demandes canadiennes mises à la disponibilité du public**

**3 octobre 1999 - 9 octobre 1999**

[21] **2,268,598**  
[13] A1

[51] **Int.Cl. 6B60K 15/03 6B60K 15/04**  
[25] EN  
[54] **MOTOR VEHICLE TANK OF PLASTIC MATERIAL**  
[54] **RESERVOIR DE VEHICULE MOTORISE**  
[72] SCHMITZ, Dieter, DE  
[72] RUNKEL, Jürgen, DE  
[72] WAGNER, Axel, DE  
[72] WALTER, Rüdiger, DE  
[72] KOLF, Walter, DE  
[72] EULITZ, Dirk, DE  
[71] KAUTEX TEXTRON GMBH. & CO. KG., DE  
[22] 1999-04-06  
[43] 1999-10-03  
[30] DE (198 14 958.1) 1998-04-03

[21] **2,268,675**  
[13] A1

[51] **Int.Cl. 6C09C 1/50**  
[25] EN  
[54] **IMPROVED INVERSION CARBON BLACKS AND METHOD FOR THEIR MANUFACTURE**  
[54] **NOIRS DE CARBONE D'INVERSION AMELIORES ET LEUR METHODE DE FABRICATION**  
[72] MESSER, Paul, DE  
[72] VOGLER, Conny, DE  
[72] NIEDERMEIER, Werner, DE  
[72] VOGEL, Karl, DE  
[72] FREUND, Burkhard, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-04-08  
[43] 1999-10-09  
[30] DE (198 16 025.9) 1998-04-09  
[30] DE (198 39 925.1) 1998-09-02  
[30] US (09/160,143) 1998-09-25  
[30] US (60/101,772) 1998-09-25

[21] **2,268,678**  
[13] A1

[51] **Int.Cl. 6H01B 9/00 6H01B 3/00**  
[25] EN  
[54] **PRE-LUBRICATED CABLE AND METHOD OF MANUFACTURE**  
[54] **CABLE PRE-LUBRIFIE ET SA METHODE DE FABRICATION**  
[72] HAQUE, Tareq, US  
[72] COPE, Kyle, US  
[71] PIRELLI CABLE CORPORATION, US  
[22] 1999-04-08  
[43] 1999-10-09  
[30] US (09/057,803) 1998-04-09

[21] **2,268,693**  
[13] A1

[51] **Int.Cl. 6A61K 7/11**  
[25] EN  
[54] **NONIONICALLY DERIVATIZED STARCHES AND THEIR USE IN LOW VOC, POLYACRYLIC ACID-CONTAINING HAIR COSMETIC COMPOSITIONS**  
[54] **EMPOIS OBTENUS SANS IONS ET LEUR UTILISATION DANS DES FIXATIFS A COV REDUITS CONTENANT DE L'ACIDE POLYACRYLIQUE**  
[72] COTTRELL, Ian W., US  
[72] SOLAREK, Daniel B., US  
[72] MARTINO, Gary T., US  
[72] VITALE, Melissa J., US  
[72] TOLCHINSKY, Maria, US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 1999-04-08  
[43] 1999-10-09  
[30] US (09/057,826) 1998-04-09  
[30] US (09/277,784) 1999-03-29

[21] **2,268,697**  
[13] A1

[51] **Int.Cl. 6B21D 39/04**  
[25] EN  
[54] **METHOD OF MANUFACTURING LONG DUAL LAYER METAL PIPE**  
[54] **MODE DE FABRICATION DE LONG TUYAU EN METAL A DOUBLE COUCHE**  
[72] YAMAMOTO, Noboru, JP  
[72] INAGAKI, Shigeyuki, JP  
[72] SHIMIZU, Takao, JP  
[72] HORIO, Hirotsugu, JP  
[71] DAIDO TOKUSHUKO KABUSHIKI KAISHA, JP  
[22] 1999-04-08  
[43] 1999-10-08  
[30] JP (10-095529) 1998-04-08

[21] **2,268,701**  
[13] A1

[51] **Int.Cl. 6H04L 12/24**  
[25] EN  
[54] **SCHEDULING METHOD FOR INPUT-BUFFER SWITCH ARCHITECTURE**  
[54] **METHODE DE GESTION POUR UNE ARCHITECTURE DE COMMUTATEUR DE TAMPON D'ENTREE**  
[72] LANGEVIN, Michel, CA  
[72] FISHER, David Anthony, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-04-08  
[43] 1999-10-09  
[30] US (09/057,526) 1998-04-09

[21] **2,268,702**  
[13] A1

[51] **Int.Cl. 6H01K 1/18**  
[25] EN  
[54] **LAMP FILAMENT**  
[54] **FILAMENT DE LAMPE**  
[72] HURST, Derek Peter, GB  
[72] GRAZIER, Paul Anthony, GB  
[72] MISTRY, Kantilal Dhanjibhai, GB  
[72] PERRIN, Anthony John, GB  
[72] DECORT, Francis Gerard, GB  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 1999-04-08  
[43] 1999-10-09  
[30] GB (9807842.1) 1998-04-09

[21] **2,268,733**  
[13] A1

[51] **Int.Cl. 6A45F 3/04 6A45F 4/02 6B42F 13/16**  
[25] EN  
[54] **BACKPACK AND REMOVABLE BINDER**  
[54] **SAC A DOS A FIXATION AMOVIBLE**  
[72] YAMAMOTO, Norman Curtis, US  
[71] AVERY DENNISON CORPORATION, US  
[22] 1999-04-06  
[43] 1999-10-06  
[30] US (09/055,599) 1998-04-06

Canadian Laid-Open Applications  
October 3, 1999 - October 9, 1999

---

[21] **2,268,760**

[13] A1

[51] **Int.Cl. 6H04L 12/24 6H04L 12/20  
6H04L 12/56**

[25] EN

[54] **ADAPTATION RESOURCE  
MODULE AND OPERATING METHOD  
THEREFOR**

[54] **MODULE DE RESSOURCES  
D'ADAPTATION ET MODE DE  
FONCTIONNEMENT**

[72] SPROAT, Martin, GB

[72] SHOTTON, John, GB

[72] BRUECKHEIMER, Simon Daniel, GB

[72] TSANG, Fai, GB

[72] TOMLINS, Andrew Geoffrey, GB

[72] STACEY, David John, GB

[71] NORTHERN TELECOM LIMITED,  
CA

[22] 1999-04-07

[43] 1999-10-08

[30] US (09/057,222) 1998-04-08

---

[21] **2,268,762**

[13] A1

[51] **Int.Cl. 6H04N 7/167 6H04N 7/50**

[25] EN

[54] **IMAGE SCRAMBLING METHOD  
AND APPARATUS THEREFOR**

[54] **METHODE ET DISPOSITIF DE  
BROUILLAGE D'IMAGE**

[72] TANAKA, Kazuyoshi, JP

[71] NEC CORPORATION, JP

[22] 1999-04-07

[43] 1999-10-08

[30] JP (10-095797) 1998-04-08

---

[21] **2,268,769**

[13] A1

[51] **Int.Cl. 6H01L 21/469 6H01L 21/4757  
6H01L 21/4763**

[25] EN

[54] **METHOD OF FABRICATING  
SEMICONDUCTOR DEVICE**

[54] **METHODE DE FABRICATION DE  
DISPOSITIF A SEMI-CONDUCTEUR**

[72] SHINODA, Keisuke, JP

[72] ENDO, Kazuhiko, JP

[71] NEC CORPORATION, JP

[22] 1999-04-07

[43] 1999-10-08

[30] JP (10-095801) 1998-04-08

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

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[21] **2,278,781**

[13] A1

[51] Int.Cl. 6C12Q 1/68 6G01N 33/574  
[25] EN  
[54] AN APC MUTATION ASSOCIATED WITH FAMILIAL COLORECTAL CANCER IN ASHKENAZI JEWS  
[54] MUTATION DU GENE APC ASSOCIEE A UN CANCER COLORECTAL FAMILIAL CHEZ DES JUIFS ASHKENAZES  
[72] LAKEN, STEVE, US  
[72] VOGELSTEIN, BERT, US  
[72] PETERSEN, GLORIA, US  
[72] GRUBER, STEPHEN, US  
[72] KINZLER, KENNETH, US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 1999-07-27  
[86] 1998-01-21 (PCT/US98/00961)  
[87] 1998-08-06 (WO98/33940)  
[30] US (08/791,883) 1997-01-31

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[21] **2,278,849**

[13] A1

[51] Int.Cl. 6C12N 15/12 6A01K 67/027 6C12N 15/11 6A61K 38/17 6C07K 16/18 6C07K 14/47 6G01N 33/53 6C12Q 1/68 6C12N 15/86  
[25] EN  
[54] A TUMOR SUPPRESSOR DESIGNATED TS10Q23.3  
[54] SUPPRESSEUR TUMORAL TS10Q23.3  
[72] TAVTIGIAN, SEAN V., US  
[72] PERSHOUSE, MARK, US  
[72] YUNG, W. K. ALFRED, US  
[72] JASSER, SAMAR A., US  
[72] STECK, PETER, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[71] MYRIAD GENETICS, INC., US  
[85] 1999-07-29  
[86] 1998-01-08 (PCT/US98/00353)  
[87] 1998-08-06 (WO98/33907)  
[30] US (08/791,115) 1997-01-30

---

[21] **2,278,923**

[13] A1

[51] Int.Cl. 6C12N 15/52 6C12N 9/10 6C12N 1/21 6C12N 15/31 6C07K 14/405 6C12N 15/54  
[25] EN  
[54] .BETA.-KETOACYL-ACP-SYNTHESE II ENZYME AND GENE ENCODING THE SAME  
[54] ENZYME .BETA.-CETOACYL-ACP-SYNTHESE ET GENE LA CODANT  
[72] TOGURI, TOSHIHIRO, JP  
[72] FERRI, STEFANO R., IT  
[71] KIRIN BEER KABUSHIKI KAISHA, JP  
[85] 1999-07-23  
[86] 1998-01-20 (PCT/JP98/00194)  
[87] 1998-07-30 (WO98/32770)  
[30] JP (11430/1997) 1997-01-24

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[21] **2,278,924**

[13] A1

[51] Int.Cl. 6C12N 15/11 6C07H 21/04 6A61K 47/48 6A61K 31/70  
[25] EN  
[54] METHOD AND CONJUGATE FOR TREATING H. PYLORI INFECTION  
[54] METHODE ET CONJUGUE DE TRAITEMENT D'INFECTIONS A H. PYLORI  
[72] BRAGG, RANDALL, US  
[72] SUMMERTON, JAMES E., US  
[72] IVERSON, PATRICK L., US  
[72] WELLER, DWIGHT D., US  
[71] AVI BIOPHARMA, INC., US  
[71] UNIVERSITY OF NEBRASKA BOARD OF REGENTS, US  
[85] 1999-07-23  
[86] 1998-01-23 (PCT/US98/01393)  
[87] 1998-07-30 (WO98/32467)  
[30] US (60/036,366) 1997-01-24  
[30] US (08/848,844) 1997-04-30

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[21] **2,278,926**

[13] A1

[51] Int.Cl. 6C12N 15/32 6A01N 63/00 6C12N 1/20 6C07K 14/325  
[25] EN  
[54] NOVEL BACILLUS THURINGIENSIS ISOLATES ACTIVE AGAINST SUCKING INSECTS  
[54] NOUVEAUX ISOLATS DE BACILLUS THURINGIENSIS, ACTIFS CONTRE LES INSECTES SUCEURS  
[72] RIAZUDDIN, SHEIKH, US  
[71] CALGENE, INC., US  
[85] 1999-07-21  
[86] 1998-02-11 (PCT/IB98/00169)  
[87] 1998-08-13 (WO98/35046)  
[30] US (60/040,243) 1997-02-11

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[21] **2,279,042**

[13] A1

[51] Int.Cl. 6F42B 1/00 6F42B 8/14  
[25] EN  
[54] PROJECTILE FOR AMMUNITION CARTRIDGE  
[54] PROJECTILE POUR CARTOUCHE  
[72] BEAL, HAROLD F., US  
[71] COVE CORPORATION, US  
[85] 1999-07-28  
[86] 1998-01-22 (PCT/US98/01223)  
[87] 1998-08-06 (WO98/34082)  
[30] US (08/792,578) 1997-01-30

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[21] **2,279,230**

[13] A1

[51] Int.Cl. 6A61N 2/06  
[25] EN  
[54] MAGNETOTHERAPY DEVICE  
[54] DISPOSITIF DE MAGNETOTHERAPIE  
[72] GILL, RICHARD AUSTIN, GB  
[71] ECOSTAR ENERGY SYSTEMS LTD., GB  
[85] 1999-05-17  
[86] 1998-09-21 (PCT/GB98/02855)  
[87] 1999-04-01 (WO99/15233)  
[30] GB (9720108.1) 1997-09-23



## PCT Applications Entering the National Phase

[21] **2,279,237**  
[13] A1  
[51] **Int.Cl. 6H04N 9/31 6G02F 1/00**  
[25] EN  
[54] **LASER VIDEO DISPLAY SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE D’AFFICHAGE VIDEO LASER**  
[72] MARTINSEN, ROBERT J., US  
[72] KARAKAWA, MASAYUKI, US  
[72] MCDOWELL, STEPHEN R., US  
[71] CORPORATION FOR LASER OPTICS RESEARCH, US  
[85] 1999-07-27  
[86] 1998-01-28 (PCT/US98/01719)  
[87] 1998-08-13 (WO98/35504)  
[30] US (60/036,437) 1997-01-28

[21] **2,279,238**  
[13] A1  
[51] **Int.Cl. 6D21H 13/38**  
[25] EN  
[54] **METHOD FOR PRODUCING HIGH-TEMPERATURE RESISTANT TECHNICAL PAPER AND PAPER PRODUCED ACCORDING TO SAID METHOD**  
[54] **PROCEDE DE PRODUCTION DE PAPIER TECHNIQUE A HAUTE RESISTANCE THERMIQUE ET PAPIER PRODUIT SELON LEDIT PROCEDE**  
[72] BECKER, UWE, DE  
[71] CULIMETA - ALFONS CUYLITS - GESELLSCHAFT FUR TEXTILGLAS TECHNOLOGIE M.B, DE  
[85] 1999-07-27  
[86] 1998-02-28 (PCT/EP98/01140)  
[87] 1998-09-17 (WO98/40557)  
[30] DE (197 09 288.8) 1997-03-07

[21] **2,279,241**  
[13] A1  
[51] **Int.Cl. 6C12N 15/53 6C12N 9/02 6A01K 67/027 6C12N 5/10 6C12N 1/21 6C07K 16/40 6A61K 38/44 6G01N 33/68 6C12Q 1/68 6C12N 15/70 6C12N 15/85**  
[25] EN  
[54] **MAMMALIAN THIOREDOXIN**  
[54] **THIOREDOXINE MAMMALIENNE**  
[72] SPYROU, GIANNIS, SE  
[71] KARO BIO AB, SE  
[85] 1999-07-28  
[86] 1998-01-28 (PCT/GB98/00263)  
[87] 1998-07-30 (WO98/32863)  
[30] GB (9701710.7) 1997-01-28

[21] **2,279,242**  
[13] A1  
[51] **Int.Cl. 6C08F 10/00 6C08F 4/642**  
[25] EN  
[54] **NEW HOMOGENEOUS OLEFIN POLYMERIZATION CATALYST COMPOSITION**  
[54] **NOUVELLE COMPOSITION HOMOGENE DE CATALYSEUR DE POLYMERISATION DES OLEFINES**  
[72] KALLIO, KALLE, FI  
[72] KAUMANEN, JYRKI, FI  
[72] KNUUTTILA, HILKKA, FI  
[71] BOREALIS A/S, DK  
[85] 1999-07-28  
[86] 1998-01-27 (PCT/FI98/00077)  
[87] 1998-07-30 (WO98/32776)  
[30] FI (970349) 1997-01-28  
[30] FI (971565) 1997-04-14  
[30] FI (972230) 1997-05-27

[21] **2,279,245**  
[13] A1  
[51] **Int.Cl. 6H04M 1/65 6H04M 3/50**  
[25] EN  
[54] **POINT TO POINT VOICE MESSAGE PROCESSOR, METHOD AND RECORDING/PLAYBACK DEVICE**  
[54] **PROCESSEUR DE MESSAGES VOCAUX POINT PAR POINT, PROCEDE ET DISPOSITIF D’ENREGISTREMENT/ REPRODUCTION**  
[72] STERN, GEOFFREY, JP  
[72] SAKAI, TOSHIHIKO, JP  
[72] OHARA, YASUYUKI, JP  
[71] TSUCHIYA CO., LTD., JP  
[71] VOICE EXPRESS CORPORATION, US  
[85] 1999-07-28  
[86] 1997-12-05 (PCT/JP97/04464)  
[87] 1999-06-17 (WO99/30472)

[21] **2,279,246**  
[13] A1  
[51] **Int.Cl. 6G01P 13/02**  
[25] EN  
[54] **FUSELAGE PITOT-STATIC TUBE DE FUSELAGE ET PROFIL AERODYNAMIQUE DE SON MAT**  
[72] NIKOLSKY, ALEKSANDR ALEKSANDROVICH, RU  
[72] KÿHLER, HEINZ-GERHARD, DE  
[72] GOLOVKIN, VLADIMIR ALEKSEEVICH, RU  
[72] EFREMOV, ANDREI ALEKSANDROVICH, RU  
[72] VOZHDAEV, YEVGENY SEMENOVICH, RU  
[72] GUSKOV, VALENTIN IVANOVICH, RU  
[72] GOLOVKIN, MIKHAIL ALEKSEEVICH, RU  
[71] PROFESSOR N.E. ZHUKOVSKY CENTRAL AEROHYDRODYNAMIC INSTITUTE, RU  
[71] AEROPRIBOR VOSKOD OJSC, RU  
[71] NORD-MICRO ELEKTRONIK FEINMECHANIK AG, DE  
[85] 1999-07-27  
[86] 1997-09-19 (PCT/EP97/05156)  
[87] 1998-07-30 (WO98/33071)  
[30] RU (N 97101306) 1997-01-28

[21] **2,279,247**  
[13] A1  
[51] **Int.Cl. 6C08F 10/00 6C08F 4/602**  
[25] EN  
[54] **NEW ACTIVATOR SYSTEM FOR METALLOCENE COMPOUNDS**  
[54] **NOUVEAU SYSTEME ACTIVATEUR POUR LES COMPOSES METALLOCENES**  
[72] KALLIO, KALLE, FI  
[72] SUOMINEN, KAISA, FI  
[72] KNUUTTILA, HILKKA, FI  
[71] BOREALIS A/S, DK  
[85] 1999-07-28  
[86] 1998-01-27 (PCT/FI98/00076)  
[87] 1998-07-30 (WO98/32775)  
[30] FI (970349) 1997-01-28

## Demandes PCT entrant en phase nationale

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[21] **2,279,248**  
[13] A1

[51] **Int.Cl. 6G07F 7/10**  
[25] EN  
[54] **METHOD OF SECURELY STORING AND RETRIEVING MONETARY DATA**  
[54] **PROCEDE DE STOCKAGE ET D'EXTRACTION EN TOUTE SECURITE DE DONNEES MONETAIRES**  
[72] DE ROOIJ, PETER JACOBUS NICOLAAS, BE  
[72] BOSSELAERS, ANTOON WILFRIED JAN, BE  
[71] KONINKLIJKE KPN N.V., NL  
[85] 1999-07-27  
[86] 1997-02-13 (PCT/EP97/00688)  
[87] 1998-08-20 (WO98/36386)

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[21] **2,279,250**  
[13] A1

[51] **Int.Cl. 6A63B 7/00 6B65G 17/06**  
[25] EN  
[54] **SYSTEM FOR CLIMBING TRAINING**  
[54] **SYSTEME POUR L'ENTRAINEMENT A L'ESCALADE**  
[72] THOMPSON, JAMES F., US  
[71] ASCENT PRODUCTS, INC., US  
[85] 1999-07-28  
[86] 1997-10-20 (PCT/US97/18819)  
[87] 1998-07-30 (WO98/32496)  
[30] US (08/790,495) 1997-01-29

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[21] **2,279,251**  
[13] A1

[51] **Int.Cl. 6B64F 1/31**  
[25] EN  
[54] **PASSENGER TRANSPORT VEHICLE AND GANGWAY**  
[54] **VEHICULE DE TRANSPORT DE PASSAGERS ET GALERIE D'EMBARQUEMENT**  
[72] BEAUMONT, GAETAN, US  
[72] BOULANGER, ANDRÉ, CA  
[72] DORE, RICHARD, US  
[71] TECKSOL U.S. INC., US  
[85] 1999-07-27  
[86] 1997-09-22 (PCT/CA97/00704)  
[87] 1998-04-02 (WO98/13259)  
[30] US (60/027,023) 1996-09-23

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[21] **2,279,252**  
[13] A1

[51] **Int.Cl. 6E21B 19/16 6E21B 15/00**  
[25] EN  
[54] **APPARATUS FOR POSITIONING A TONG AND DRILLING RIG PROVIDED WITH SUCH AN APPARATUS**  
[54] **DISPOSITIF DE POSITIONNEMENT D'UNE CLE A TIGES ET AFFUT DE PERFORATRICE DOTE D'UN TEL DISPOSITIF**  
[72] AKERLUND, TOR JAN, NO  
[71] LUCAS, BRIAN RONALD, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 1999-07-28  
[86] 1997-11-19 (PCT/GB97/03174)  
[87] 1998-07-30 (WO98/32947)  
[30] GB (9701790.9) 1997-01-29

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[21] **2,279,253**  
[13] A1

[51] **Int.Cl. 6B26B 21/24 6B65D 83/10 6B26B 21/52**  
[25] EN  
[54] **DISPENSING RAZOR BLADE CARTRIDGES USED WITH A HANDLE**  
[54] **DISTRIBUTION DE TETES A LAME DE RASOIR UTILISEES AVEC UN MANCHE**  
[72] METCALF, STEPHEN C., US  
[72] PETRICCA, JOHN D., US  
[72] TROTTA, ROBERT A., US  
[71] THE GILLETTE COMPANY, US  
[85] 1999-07-27  
[86] 1998-02-18 (PCT/US98/02949)  
[87] 1998-08-27 (WO98/36879)  
[30] US (802,382) 1997-02-19

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[21] **2,279,254**  
[13] A1

[51] **Int.Cl. 6A61J 1/00**  
[25] EN  
[54] **SLIDING RECONSTITUTION DEVICE WITH SEAL**  
[54] **DISPOSITIF DE RECONSTITUTION COULISSANT MUNI D'UN JOINT ETANCHE**  
[72] FULLER, CRAIG A., US  
[72] FOWLES, THOMAS A., US  
[72] WEINBERG, ROBERT J., US  
[72] PROGAR, THOMAS J., US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 1999-07-27  
[86] 1998-11-19 (PCT/US98/24665)  
[87] 1999-06-10 (WO99/27886)  
[30] US (08/986,580) 1997-12-04  
[30] US (08/984,792) 1997-12-04  
[30] US (08/984,793) 1997-12-04  
[30] US (08/984,795) 1997-12-04  
[30] US (08/984,796) 1997-12-04  
[30] US (09/153,392) 1998-09-15  
[30] US (09/153,116) 1998-09-15

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[21] **2,279,255**  
[13] A1

[51] **Int.Cl. 6C12Q 1/32 6C12Q 1/04 6C12N 9/06 6A61K 38/44 6C12N 15/52 6C12N 15/53**  
[25] EN  
[54] **TEST KIT FOR TUBERCULOSIS DIAGNOSIS BY DETERMINING ALANINE DEHYDROGENASE**  
[54] **NECESSAIRE D'ESSAI POUR LE DIAGNOSTIC DE LA TUBERCULOSE OU ANALOGUE**  
[72] HUTTER, BERND, DE  
[72] FLOHÉ, LEOPOLD, DE  
[72] KOLK, AREND, DE  
[72] SINGH, MAHAVIR, DE  
[71] FLOHÉ, LEOPOLD, DE  
[85] 1999-07-29  
[86] 1998-01-29 (PCT/EP98/00483)  
[87] 1998-08-20 (WO98/36089)  
[30] EP (97101338.8) 1997-01-29

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## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,256</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 19/16</b> [25] EN [54] <b>APPARATUS AND METHOD FOR ALIGNING TUBULARS</b> [54] <b>APPAREIL ET PROCEDE POUR ALIGNER DU MATERIEL TUBULAIRE</b> [72] PIETRAS, BERND-GEORG, DK [71] WEATHERFORD/LAMB, INC., US [71] LUCAS, BRIAN RONALD, GB [85] 1999-07-28 [86] 1998-01-29 (PCT/GB98/00282) [87] 1998-07-30 (WO98/32948) [30] GB (9701758.6) 1997-01-29</p>	<p style="text-align: right;">[21] <b>2,279,260</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 15/11 6A61K 38/17 6C07K 16/18 6C07K 14/47 6C12Q 1/68</b> [25] EN [54] <b>HUMAN APOPTOSIS-ASSOCIATED PROTEIN; ENCODING DNA IS SIMILAR TO P53 RESPONSE MOUSE GENE EI124</b> [54] <b>PROTEINE HUMAINE ASSOCIEE A L' APOPTOSE; LE CODAGE DE L' ADN EST SIMILAIRE AU GENE DE SOURIS EI124 A REPOSE P53</b> [72] HILLMAN, JENNIFER L., US [72] GOLI, SURYA K., US [71] INCYTE PHARMACEUTICALS, INC., US [85] 1999-07-28 [86] 1998-01-26 (PCT/US98/01421) [87] 1998-07-30 (WO98/32854) [30] US (08/790,572) 1997-01-29</p>	<p style="text-align: right;">[21] <b>2,279,263</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 14/47 6C12Q 1/68</b> [25] EN [54] <b>HUMAN ZINC BINDING PROTEINS</b> [54] <b>PROTEINES HUMAINES SE LIANT AU ZINC</b> [72] AU-YOUNG, JANICE, US [72] HILLMAN, JENNIFER L., US [72] GOLI, SURYA K., US [72] COLEMAN, ROGER, US [71] INCYTE PHARMACEUTICALS, INC., US [85] 1999-08-27 [86] 1998-01-20 (PCT/US98/01181) [87] 1998-07-23 (WO98/31805) [30] US (08/786,606) 1997-01-21</p>
<p style="text-align: right;">[21] <b>2,279,258</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/82 6A01H 5/00 6A01H 5/10</b> [25] EN [54] <b>GLYPHOSATE RESISTANT TRANSGENIC PLANTS</b> [54] <b>PLANTES TRANSGENIQUES AU GLYPHOSATE</b> [72] TENNING, PAUL PETER, SE [72] STEEN, PER, DK [72] MANNERLOEF, MARIE, SE [71] NOVARTIS AG, CH [85] 1999-06-23 [86] 1998-10-29 (PCT/EP98/06859) [87] 1999-05-14 (WO99/23232) [30] US (60/112,003) 1997-10-31</p>	<p style="text-align: right;">[21] <b>2,279,261</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/78 6A61K 35/56</b> [25] EN [54] <b>THE EXTRACT OF PINE NEEDLE AND THE USE THEREOF</b> [54] <b>EXTRAIT D' AIGUILLES DE PIN ET SON UTILISATION</b> [72] JI, LING, CN [71] JI, LING, CN [85] 1999-07-27 [86] 1997-01-27 (PCT/CN97/00006) [87] 1998-07-30 (WO98/32455)</p>	<p style="text-align: right;">[21] <b>2,279,265</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/15 6C12N 5/10 6C12N 15/11 6C07K 16/40 6A61K 38/57 6C12Q 1/68 6C07K 14/81</b> [25] EN [54] <b>NOVEL HUMAN CYSTATIN-LIKE PROTEIN</b> [54] <b>NOUVELLE PROTEINE HUMAINE DE TYPE CYSTATINE</b> [72] BANDMAN, OLGA, US [72] GOLI, SURYA K., US [71] INCYTE PHARMACEUTICALS, INC., US [85] 1999-07-28 [86] 1998-01-30 (PCT/US98/01776) [87] 1998-08-06 (WO98/33921) [30] US (08/791,522) 1997-01-30</p>
<p style="text-align: right;">[21] <b>2,279,259</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/127 6A61K 31/70</b> [25] EN [54] <b>PAIN REDUCING PARENTERAL LIPOSOME FORMULATION</b> [54] <b>FORMULATION ANALGESIQUE A ADMINISTRATION PARENTERALE ENCAPSULEE DANS UN LIPOSOME</b> [72] LIU, RONG, US [72] FLOOD, KOLETTE M., US [72] ZHENG, JACK, US [72] PECK, KENDALL D., US [71] ABBOTT LABORATORIES, US [85] 1999-07-27 [86] 1998-01-26 (PCT/US98/01430) [87] 1998-08-06 (WO98/33482) [30] US (08/794,064) 1997-02-04 [30] US (09/003,606) 1998-01-07</p>	<p style="text-align: right;">[21] <b>2,279,262</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 15/24</b> [25] EN [54] <b>TRANSMISSION POLARIZER</b> [54] <b>POLARISEUR A TRANSMISSION</b> [72] MENZEL, WOLFGANG, DE [72] PILZ, DIETMAR, DE [71] DAIMLER-BENZ AEROSPACE AG, DE [85] 1999-07-28 [86] 1998-11-14 (PCT/DE98/03348) [87] 1999-06-10 (WO99/28993) [30] DE (197 52 738.8) 1997-11-28 [30] DE (198 48 721.5) 1998-10-22</p>	<p style="text-align: right;">[21] <b>2,279,266</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 19/00</b> [25] EN [54] <b>METHOD FOR DETERMINING BARRIERS TO RESERVOIR FLOW</b> [54] <b>PROCEDE POUR DETERMINER LES OBSTACLES A L' ECOULEMENT DANS UN RESERVOIR</b> [72] VIENOT, MICHAEL E., US [72] BUTLER, EDGAR L., US [72] RUNNESTRAND, SCOTT A., US [72] NEFF, DENNIS B., US [71] PHILLIPS PETROLEUM COMPANY, US [85] 1999-07-28 [86] 1998-01-30 (PCT/US98/01799) [87] 1998-08-20 (WO98/36292) [30] US (08/791,880) 1997-01-31</p>

## Demandes PCT entrant en phase nationale

[21] **2,279,267**  
[13] A1

[51] **Int.Cl. 6A61K 31/557**  
[25] EN  
[54] **ENDOTHELIN ANTAGONIST**  
[54] **ANTAGONISTE D'ENDOTHELINE**  
[72] UENO, RYUJI, US  
[71] R-TECH UENO, LTD., JP  
[85] 1999-07-27  
[86] 1998-11-16 (PCT/JP98/05143)  
[87] 1999-06-10 (WO99/27934)  
[30] JP (9/327832) 1997-11-28

[21] **2,279,269**  
[13] A1

[51] **Int.Cl. 6A61M 25/02**  
[25] EN  
[54] **NASO-GASTRIC TUBE RETAINER**  
[54] **DISPOSITIF DE MAINTIEN POUR**  
**SONDE NASOGASTRIQUE**  
[72] WEISS, GREGORY M., US  
[72] BIERMAN, STEVEN F., US  
[71] VENETEC INTERNATIONAL, INC.,  
US  
[85] 1999-07-27  
[86] 1998-01-26 (PCT/US98/01543)  
[87] 1998-07-30 (WO98/32481)  
[30] US (08/789,084) 1997-01-27

[21] **2,279,270**  
[13] A1

[51] **Int.Cl. 6C08F 283/00 6C08G 63/00**  
**6A61B 17/10 6C08G 73/10 6C08L 77/10**  
**6C08G 69/28**  
[25] EN  
[54] **POLYESTERAMIDES WITH**  
**AMINO ACID-DERIVED GROUPS**  
**ALTERNATING WITH ALPHA-**  
**HYDROXYACID-DERIVED GROUPS**  
**AND SURGICAL ARTICLES MADE**  
**THEREFROM**  
[54] **POLYESTERAMIDES**  
**RENFERMANT DES GROUPES**  
**DERIVES AMINO-ACIDES**  
**ALTERNANT AVEC DES GROUPES**  
**DERIVES ALPHA-HYDROXYACIDES**  
**ET PIECES MOULEES FABRIQUEES A**  
**PARTIR DE CES POLYESTERAMIDES**  
[72] ROBY, MARK S., US  
[72] JIANG, YING, US  
[71] UNITED STATES SURGICAL  
CORPORATION, US  
[85] 1999-07-27  
[86] 1998-01-27 (PCT/US98/01597)  
[87] 1998-07-30 (WO98/32777)  
[30] US (60/036,542) 1997-01-28

[21] **2,279,271**  
[13] A1

[51] **Int.Cl. 6H01F 27/02 6H05K 3/30**  
[25] EN  
[54] **THROUGH-HOLE**  
**INTERCONNECT DEVICE WITH**  
**ISOLATED WIRE-LEADS AND**  
**COMPONENT BARRIERS**  
[54] **DISPOSITIF D'INTERCONNEXION**  
**A TROUS TRAVERSANTS AVEC FILS**  
**CONDUCTEURS ISOLEES ET**  
**BARRIERES POUR LES COMPOSANTS**  
[72] LINT, JAMES D., US  
[72] RENTERIA, VICTOR H., US  
[72] GUTIERREZ, AUREILO J., US  
[71] PULSE ENGINEERING, INC., US  
[85] 1999-07-28  
[86] 1998-01-23 (PCT/US98/01237)  
[87] 1998-08-06 (WO98/34237)  
[30] US (08/791,247) 1997-01-30

[21] **2,279,273**  
[13] A1

[51] **Int.Cl. 6A62B 33/00 6A62B 37/00**  
[25] EN  
[54] **LIFE SAVING APPARATUS FOR**  
**AVALANCHES**  
[54] **APPAREIL DE SAUVETAGE LORS**  
**D'AVANCHES**  
[72] BAUER, HELMUTH, DE  
[72] ASCHAUER, PETER, DE  
[72] BAUER, ULRICKE, DE  
[71] ASCHAUER, PETER, DE  
[85] 1999-07-28  
[86] 1998-01-30 (PCT/EP98/00491)  
[87] 1998-08-06 (WO98/33559)  
[30] DE (197 03 656.2) 1997-01-31

[21] **2,279,274**  
[13] A1

[51] **Int.Cl. 6B32B 19/00 6C08F 283/02**  
**6C08G 63/91**  
[25] EN  
[54] **WATER DISPERSIBLE/**  
**REDISPERSIBLE HYDROPHOBIC**  
**POLYESTER RESINS AND THEIR**  
**APPLICATION IN COATINGS**  
[54] **RESINES POLYESTERS**  
**HYDROPHOBES DISPERSABLES/**  
**REDISPERSIBLES DANS L'EAU ET**  
**LEUR UTILISATION DANS DES**  
**REVETEMENTS**  
[72] SALSMAN, ROBERT KEITH, US  
[71] SEYDEL RESEARCH, INC., US  
[85] 1999-07-28  
[86] 1998-01-27 (PCT/US98/01075)  
[87] 1998-08-06 (WO98/33646)  
[30] US (08/792,635) 1997-01-31

[21] **2,279,275**  
[13] A1

[51] **Int.Cl. 6B22F 3/02 6B22F 1/00**  
[25] EN  
[54] **COMPACTING AUXILIARY**  
**AGENT FOR PRODUCING**  
**SINTERABLE SHAPED PARTS FROM A**  
**METAL POWDER**  
[54] **ADJUVANT DE COMPACTAGE**  
**POUR PRODUIRE DES PIECES**  
**MOULEES FRITTABLES A PARTIR**  
**D'UNE POUDRE DE METAL**  
[72] KYNAST, WIELAND, DE  
[72] WAHNSCHAFFE, JENS, DE  
[72] DOLLMEIER, KLAUS, DE  
[72] LINDENAU, RENÉ, DE  
[71] GKN SINTER METALS GMBH & CO.,  
KG RADEVORMWALD, DE  
[85] 1999-07-27  
[86] 1998-11-18 (PCT/EP98/07406)  
[87] 1999-06-10 (WO99/28069)  
[30] DE (197 52 993.3) 1997-11-28

[21] **2,279,277**  
[13] A1

[51] **Int.Cl. 6A61K 31/18 6A61K 47/00**  
**6A61K 9/06 6A61K 47/06 6A61K 47/10**  
**6A61K 47/32 6A61K 31/63**  
[25] EN  
[54] **NIMESULIDE GEL SYSTEMS FOR**  
**TOPICAL USE**  
[54] **SYSTEME DE GEL DE**  
**NIMESULIDE A USAGE TOPIQUE**  
[72] BADER, STEFANO, IT  
[72] MONTI, TIZIANA, CH  
[72] HÄUSERMANN, ENRIQUE, IT  
[71] HELSINN HEALTHCARE S.A., CH  
[85] 1999-07-27  
[86] 1998-02-20 (PCT/EP98/00990)  
[87] 1998-09-03 (WO98/37879)  
[30] IT (MI97A000408) 1997-02-25

[21] **2,279,278**  
[13] A1

[51] **Int.Cl. 6F16F 15/023 6F16F 9/06**  
**6B60G 21/073**  
[25] EN  
[54] **HEAVY LOAD VIBRATION**  
**ISOLATION APPARATUS**  
[54] **APPAREIL ANTI-VIBRATIONS**  
**POUR CHARGES LOURDES**  
[72] DAVIS, TOREN S., US  
[72] OSTERBERG, DAVID A., US  
[71] HONEYWELL INC., US  
[85] 1999-07-30  
[86] 1998-01-30 (PCT/US98/01809)  
[87] 1998-08-06 (WO98/34049)  
[30] US (08/792,745) 1997-02-03

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,279,279</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/127 6A61K 31/28 6A61K 47/48 6A61K 31/55</b></p> <p>[25] EN</p> <p>[54] <b>LIPID COMPLEXES AND LIPOSOMES OF HIGHLY INSOLUBLE PLATINUM COMPLEXES</b></p> <p>[54] <b>COMPLEXES DE LIPIDES ET LIPOSOMES A BASE DE COMPLEXES DE PLATINE FORTEMENT INSOLUBLES</b></p> <p>[72] CHERIAN, MATHEW, IT</p> <p>[71] PHARMACIA &amp; UPJOHN COMPANY, US</p> <p>[85] 1999-07-30</p> <p>[86] 1998-01-28 (PCT/US98/00035)</p> <p>[87] 1998-08-06 (WO98/33481)</p> <p>[30] US (60/037,377) 1997-02-05</p>	<p style="text-align: center;">[21] <b>2,279,283</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21C 3/02 6D21C 3/24</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND DEVICE FOR THE CONTINUOUS COOKING OF PULP</b></p> <p>[54] <b>PROCEDE ET DISPOSITIF DE CUISSON CONTINUE DE PATE</b></p> <p>[72] ENGSTRÖM, JOHAN, SE</p> <p>[72] SNEKKENES, VIDAR, SE</p> <p>[72] OLSSON, KRISTER, SE</p> <p>[72] LINDSTRÖM, MIKAEL, SE</p> <p>[72] LINDGREN, CHRISTOFER, SE</p> <p>[72] GUSTAVSSON, SÿREN, SE</p> <p>[71] KVAERNER PULPING AB, SE</p> <p>[85] 1999-07-30</p> <p>[86] 1998-02-09 (PCT/SE98/00225)</p> <p>[87] 1998-08-13 (WO98/35091)</p> <p>[30] WO (PCT/SE97/00192) 1997-02-09</p>	<p style="text-align: center;">[21] <b>2,279,285</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02G 1/043 6F02G 5/04</b></p> <p>[25] EN</p> <p>[54] <b>HEATING INSTALLATION BASED ON A STIRLING SYSTEM</b></p> <p>[54] <b>INSTALLATION DE CHAUFFAGE A BASE D'UN SYSTEME DE TYPE STIRLING</b></p> <p>[72] KOROBITSYN, MICHAIL ALEKSANDROVITSJ, NL</p> <p>[72] VERINGA, HUBERTUS JOHANNES, NL</p> <p>[72] PENSWICK, BARRY, US</p> <p>[72] RIBBERINK, JOHAN SJOERD, US</p> <p>[71] STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND, NL</p> <p>[85] 1999-07-27</p> <p>[86] 1998-02-04 (PCT/NL98/00068)</p> <p>[87] 1998-08-06 (WO98/34025)</p> <p>[30] NL (1005182) 1997-02-04</p>
<p style="text-align: center;">[21] <b>2,279,280</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 49/04 6B29C 49/48</b></p> <p>[25] EN</p> <p>[54] <b>A METHOD OF MANUFACTURING AND HANDLING PARTS FOR A PACKAGING CONTAINER</b></p> <p>[54] <b>PROCEDE DE PRODUCTION ET DE MANIPULATION DE PARTIES D'UN CONTENEUR D'EMBALLAGE</b></p> <p>[72] ANDERSSON, JAN, SE</p> <p>[72] GUSTAFSSON, LENNART (DECEASED), SE</p> <p>[72] JOHNSON, ULF, SE</p> <p>[71] TETRA LAVAL HOLDINGS &amp; FINANCE S.A., CH</p> <p>[85] 1999-07-27</p> <p>[86] 1997-12-02 (PCT/SE97/02017)</p> <p>[87] 1998-07-30 (WO98/32586)</p> <p>[30] SE (9700260-4) 1997-01-29</p>	<p style="text-align: center;">[21] <b>2,279,284</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07H 13/06 6A23D 9/013 6A23L 1/308</b></p> <p>[25] EN</p> <p>[54] <b>REDUCED CALORIE COOKING OILS AND PREPARATION THEREOF</b></p> <p>[54] <b>HUILES DE CUISSON ET DE FRITURE A TENEUR REDUITE EN CALORIES ET AYANT UNE MEILLEURE STABILITE HYDROLYTIQUE, ET LEUR PROCEDE DE PREPARATION</b></p> <p>[72] CLAY, REGINALD SEBASTIAN, US</p> <p>[72] HOWIE, JOHN KEENEY, US</p> <p>[72] SARAMA, ROBERT JOSEPH, US</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 1999-07-30</p> <p>[86] 1998-01-09 (PCT/US98/00608)</p> <p>[87] 1998-08-06 (WO98/33803)</p> <p>[30] US (60/036,694) 1997-01-31</p>	<p style="text-align: center;">[21] <b>2,279,286</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07H 13/06</b></p> <p>[25] EN</p> <p>[54] <b>PURIFICATION OF POLYOL POLYESTERS USING A MIXING VESSEL</b></p> <p>[54] <b>PURIFICATION DE POLYESTER D'ACIDES GRAS DE POLYOLS A L'AIDE D'UNE CUVE DE MELANGE</b></p> <p>[72] KENNEALLY, COREY JAMES, US</p> <p>[72] CLAY, REGINALD SEBASTIAN, US</p> <p>[72] HOWIE, JOHN KEENEY, US</p> <p>[72] SARAMA, ROBERT JOSEPH, US</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 1999-07-30</p> <p>[86] 1998-01-30 (PCT/US98/01757)</p> <p>[87] 1998-08-06 (WO98/33805)</p> <p>[30] US (60/036,694) 1997-01-31</p>
<p style="text-align: center;">[21] <b>2,279,281</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02F 1/21 6H01J 31/02</b></p> <p>[25] EN</p> <p>[54] <b>PHASE TRANSITION FLAT PANEL DISPLAY</b></p> <p>[54] <b>ECRAN PLAT A TRANSITION DE PHASE</b></p> <p>[72] GURVITCH, MICHAEL, US</p> <p>[72] SHOKHOR, SERGEY, US</p> <p>[72] HALIOUA, MAURICE, US</p> <p>[72] NARR, SYLVAIN, US</p> <p>[72] KASTALSKY, ALEXANDER, US</p> <p>[71] COPYTELE INC., US</p> <p>[85] 1999-07-28</p> <p>[86] 1998-01-26 (PCT/US98/01548)</p> <p>[87] 1998-07-30 (WO98/33095)</p> <p>[30] US (08/791,032) 1997-01-29</p>		

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,287</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23F 5/40</b> [25] EN [54] <b>HIGHER DENSITY FOAMABLE INSTANT COFFEE PRODUCTS FOR PREPARING CAPPUCCINO LIKE BEVERAGES</b> [54] <b>PRODUITS DE CAFE INSTANTANE MOUSSEUX DE DENSITE SUPERIEURE DESTINE A LA PREPARATION DE BOISSONS DE TYPE CAPPUCCINO</b> [72] VILLAGRAN, FRANCISCO VALENTINO, US [72] BRUNO, DAVID JOSEPH JR., US [72] DRIA, GLENN JAMES, US [72] SMALL, LEONARD EDWIN, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-07-30 [86] 1998-01-26 (PCT/US98/01426) [87] 1998-08-13 (WO98/34495) [30] US (08/796,356) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,279,291</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 3/26 6H01Q 25/00 6G10K 11/34</b> [25] EN [54] <b>MULTI-DIMENSIONAL BEAMFORMING DEVICE</b> [54] <b>DISPOSITIF DE FORMATION DE FAISCEAUX MULTIDIMENSIONNEL</b> [72] BROADSTONE, STEVEN R., US [72] GILBERT, JEFFREY M., US [72] CHIANG, ALICE M., US [71] TERATECH CORPORATION, US [85] 1999-07-30 [86] 1998-02-03 (PCT/US98/02291) [87] 1998-08-06 (WO98/34294) [30] US (60/036,837) 1997-02-03 [30] US (08/965,663) 1997-11-06</p>	<p style="text-align: right;">[21] <b>2,279,365</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10G 53/08 6B01D 15/00 6C11B 3/10</b> [25] EN [54] <b>METHOD AND DEVICE FOR PURIFYING CONTAMINATED LIQUIDS</b> [54] <b>PROCEDE ET DISPOSITIF POUR L'EPURATION DE LIQUIDES RENFERMANT DES IMPURETES</b> [72] SCHNEIDER, MATTHIAS, DE [72] WETZEL, RAINER, DE [72] TRANSFELD, PETER, DE [72] BÿRNER, GUNTER, DE [71] yHMI FORSCHUNG UND INGENIEURTECHNIK GMBH, DE [85] 1999-07-30 [86] 1998-03-18 (PCT/EP98/01567) [87] 1998-09-24 (WO98/41596) [30] DE (197 11 174.2-41) 1997-03-18</p>
<p style="text-align: right;">[21] <b>2,279,288</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A46B 5/06</b> [25] EN [54] <b>BRUSH IMPLEMENT FOR CLEANING RADIATORS</b> [54] <b>OUTIL A BROUSSE POUR NETTOYER LES RADIATEURS</b> [72] NORDSTRyM, GUNLÿG, SE [71] NORDSTRyM, GUNLÿG, SE [85] 1999-07-27 [86] 1998-02-03 (PCT/SE98/00180) [87] 1998-08-06 (WO98/33413) [30] SE (9700395-8) 1997-02-04</p>	<p style="text-align: right;">[21] <b>2,279,292</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 17/29</b> [25] EN [54] <b>METHOD FOR SIZING PAPER</b> [54] <b>PROCEDE DE COLLAGE DE PAPIER</b> [72] ANDERSSON, TUIJA, FI [72] LIKITALO, ANTTI, FI [72] LAAKSO, SAULI, FI [72] KETOLA, HANNU, FI [72] KARPPI, ASKO, FI [71] RAISIO CHEMICALS OY, FI [85] 1999-07-27 [86] 1998-02-02 (PCT/FI98/00095) [87] 1998-08-06 (WO98/33977) [30] FI (970422) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,366</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00 6A61K 39/245 6A61K 39/25 6A61K 39/295</b> [25] EN [54] <b>RESTENOSIS/ ATHEROSCLEROSIS DIAGNOSIS, PROPHYLAXIS AND THERAPY</b> [54] <b>DIAGNOSTIC DE LA RESTENOSE/ ATHEROSCLEROSE, PROPHYLAXIE ET TRAITEMENT</b> [72] ERDILE, LORNE, US [72] ZHU, JIANHUI, US [72] PINCUS, STEVEN, US [72] SPEIR, EDITH, US [72] ZHOU, YI FU, US [72] FINKEL, TOREN, US [72] EPSTEIN, STEPHEN E., US [71] DEPARTMENT OF HEALTH AND HUMAN SERVICES, UNITED STATES OF AMERICA, US [71] PASTEUR MERIEUX SERUMS &amp; VACCINS, FR [85] 1999-07-30 [86] 1998-02-05 (PCT/US98/02191) [87] 1998-08-06 (WO98/33510) [30] US (08/796,101) 1997-02-05</p>
<p style="text-align: right;">[21] <b>2,279,290</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B42D 15/00 6B44F 1/12 6B41M 3/14</b> [25] EN [54] <b>PRINTED MATTER PRODUCING REFLECTIVE INTAGLIO EFFECT</b> [54] <b>IMPRIME A EFFET D'INTAILLE REFLECHISSANTE</b> [72] GRATION, RONALD, AU [72] GHIOGHIU, ANA, AU [72] HIBBERT, CAMERON, AU [72] ZIENTEK, PAUL, AU [71] SECURENCY PTY. LTD., AU [85] 1999-07-28 [86] 1998-01-29 (PCT/AU98/00046) [87] 1998-08-06 (WO98/33658) [30] AU (PO 4847) 1997-01-29</p>	<p style="text-align: right;">[21] <b>2,279,364</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 65/28 6B32B 31/00 6B31F 1/00 6B32B 23/02 6B32B 3/04 6B32B 3/06 6B32B 5/16 6B32B 3/26</b> [25] EN [54] <b>LAMINATED PAGE AND METHOD FOR MAKING SAME</b> [54] <b>PAGE STRATIFIEE ET PROCEDE DE PRODUCTION</b> [72] BROWN, HUBERT F., US [72] JONES, GORDON W., US [72] FELDMAN, LYUDMILA, US [71] ARCADE, INC., US [85] 1999-07-30 [86] 1998-01-30 (PCT/US98/01773) [87] 1998-08-06 (WO98/33721) [30] US (08/791,875) 1997-01-31</p>	

## PCT Applications Entering the National Phase

[21] **2,279,367**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/38 6H04Q 7/22**  
[25] EN  
[54] **CELLULAR TELEPHONE NETWORK SUPPORT OF INTERNATIONAL MOBILE STATION IDENTITY (IMSI)**  
[54] **GESTION DE L'IDENTITE INTERNATIONALE DE LA STATION MOBILE (IISM) PAR UN RESEAU TELEPHONIQUE CELLULAIRE**  
[72] HOUDE, MICHEL, CA  
[72] BOUDREAU, ALAIN, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-07-30  
[86] 1998-01-15 (PCT/SE98/00057)  
[87] 1998-08-13 (WO98/35521)  
[30] US (08/796,808) 1997-02-06

[21] **2,279,368**  
[13] A1  
[51] **Int.Cl. 6H04Q 11/00**  
[25] EN  
[54] **INTER-NODE SIGNALING FOR PROTOCOL INITIALIZATION WITHIN A COMMUNICATIONS NETWORK**  
[54] **SIGNALISATION INTERNODALE PERMETTANT L'INITIALISATION D'UN PROTOCOLE DANS UN RESEAU DE COMMUNICATIONS**  
[72] NGUYEN, VIET, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-07-30  
[86] 1998-01-15 (PCT/SE98/00061)  
[87] 1998-08-13 (WO98/35526)  
[30] US (08/796,131) 1997-02-06

[21] **2,279,369**  
[13] A1  
[51] **Int.Cl. 6C07C 209/82 6C07C 211/09**  
[25] EN  
[54] **METHOD FOR SEPARATING AN IMINE FROM A MIXTURE CONTAINING AN AMINE AND AN IMINE**  
[54] **PROCEDE POUR SEPARER UNE IMINE COMPRISE DANS UN MELANGE CONTENANT UNE AMINE ET UNE IMINE**  
[72] BASSLER, PETER, DE  
[72] LUYKEN, HERMANN, DE  
[72] REHFINGER, ALWIN, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-08-02  
[86] 1998-01-30 (PCT/EP98/00504)  
[87] 1998-08-13 (WO98/34900)  
[30] DE (19704614.2) 1997-02-07

[21] **2,279,370**  
[13] A1  
[51] **Int.Cl. 6B29D 31/00 6B29C 41/08**  
[25] EN  
[54] **FORM FOR ROTARY PRINTING, COATING OR EMBOSSED STRIPLIKE MATERIALS AND METHOD FOR THE PRODUCTION OF SAID FORM**  
[54] **FORME POUR LA REALISATION SUR ROTATIVE D'UNE IMPRESSION, D'UN RECOUVREMENT OU D'UNE EMPREINTE SUR DES MATERIAUX EN FORME DE BANDES, ET PROCEDE DE REALISATION D'UNE TELLE FORME**  
[72] RICHARD, JyRG, DE  
[72] LANGERBEINS, KLAUS, DE  
[72] LORIG, HEINZ, DE  
[72] LINK, ALFRED ERNST, DE  
[71] ERNST SONDERHOFF GMBH & CO. KG, DE  
[71] POLYWEST KUNSTSTOFFTECHNIK SAUERESSIG & PARTNER GMBH & CO. KG, DE

[85] 1999-07-30  
[86] 1998-11-26 (PCT/EP98/07647)  
[87] 1999-07-01 (WO99/32275)  
[30] DE (197 56 327.9) 1997-12-18

[21] **2,279,371**  
[13] A1  
[51] **Int.Cl. 6H04L 12/40**  
[25] EN  
[54] **DATA COMMUNICATION METHOD AND ELECTRONIC DEVICE, AND PROGRAM SUPPLYING MEDIUM FOR SUPPLYING DATA COMMUNICATION PROGRAM**  
[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION DE DONNEES, ET SUPPORT DE PROGRAMME SERVANT A FOURNIR UN PROGRAMME DE COMMUNICATION DE DONNEES**  
[72] KOJIMA, TAKASHI, JP  
[72] KAWAMURA, HARUMI, JP  
[71] SONY CORPORATION, JP  
[85] 1999-07-30  
[86] 1998-11-27 (PCT/JP98/05356)  
[87] 1999-06-17 (WO99/30463)  
[30] JP (P09-339711) 1997-12-10

[21] **2,279,372**  
[13] A1  
[51] **Int.Cl. 6B23K 10/00 6B23K 10/02**  
[25] EN  
[54] **PLASMA ARC WELDING APPARATUS AND METHOD**  
[54] **PROCEDE ET DISPOSITIF DE SOUDAGE AU PLASMA**  
[72] KAMIYA, KENGO, JP  
[72] SHINTANI, TOSHIYA, JP  
[72] KUROKAWA, IWAO, JP  
[72] IMAI, YOHISUKE, JP  
[72] UEMATSU, HIDETO, JP  
[72] NIIGAKI, YOSHITAKA, JP  
[71] TOYOTA SHATAI KABUSHIKI KAISHA, JP  
[71] KOMATSU LTD., JP  
[85] 1999-07-30  
[86] 1998-01-28 (PCT/JP98/00340)  
[87] 1998-08-13 (WO98/34752)  
[30] JP (9-23038) 1997-02-05

[21] **2,279,374**  
[13] A1  
[51] **Int.Cl. 6E21B 33/12**  
[25] EN  
[54] **DEVICE BY A RETRIEVABLE BRIDGE PLUG**  
[54] **DISPOSITIF A UTILISER AVEC UN BOUCHON PROVISOIRE**  
[72] PEDERSEN, DAG RAVN, NO  
[72] ANDERSEN, FRODE, NO  
[71] MARITIME WELL SERVICE AS, NO  
[71] BRyNNTEKNOLOGIUTVIKLING AS, NO  
[85] 1999-07-30  
[86] 1998-01-13 (PCT/NO98/00009)  
[87] 1998-08-13 (WO98/35130)  
[30] NO (970561) 1997-02-06

[21] **2,279,375**  
[13] A1  
[51] **Int.Cl. 6A23K 1/16 6A23K 1/18**  
[25] EN  
[54] **A METHOD FOR IMPROVING THE SINKABILITY OF FISH FOOD PELLETS**  
[54] **PROCEDE D'AMELIORATION DE LA SUBMERSIBILITE DES GRANULES POUR POISSONS**  
[72] NISSINEN, VESA JUHANI, GB  
[72] SNEDDON, SCOTT, GB  
[72] MANN, JASON JASMINDER, CA  
[71] EWOS LIMITED, GB  
[85] 1999-07-30  
[86] 1998-01-15 (PCT/GB98/00131)  
[87] 1998-08-06 (WO98/33393)  
[30] GB (9701896.4) 1997-01-30

## Demandes PCT entrant en phase nationale

[21] **2,279,376**  
[13] A1

[51] **Int.Cl. 6A01N 1/02**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR PRODUCING DRIED, STORAGE-STABLE PLATELETS**  
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE PRODUIRE DES PLAQUETTES SECHEES ET STABLES AU STOCKAGE**  
[72] ROSER, BRUCE JOSEPH, GB  
[72] PHIPPS, DIANA JOHANNA, GB  
[72] GRANDAGE, LYNDA MARY, GB  
[72] MENYS, VALENTINE CHARLTON, GB  
[71] QUADRANT HOLDINGS CAMBRIDGE LIMITED, GB  
[85] 1999-07-30  
[86] 1998-02-06 (PCT/GB98/00375)  
[87] 1998-08-13 (WO98/34478)  
[30] US (60/037,493) 1997-02-07

[21] **2,279,378**  
[13] A1

[51] **Int.Cl. 6C12Q 1/04 6C12Q 1/25 6G01N 33/569 6G01N 33/573**  
[25] EN  
[54] **METHOD OF SELECTIVELY DETERMINING A FUNGAL BIOMASS**  
[54] **PROCEDE DE DETERMINATION SELECTIVE D'UNE BIOMASSE FONGIQUE**  
[72] REESLEV, MORTEN, DK  
[72] MILLER, MORTEN, DK  
[71] REESLEV, MORTEN, DK  
[71] MILLER, MORTEN, DK  
[85] 1999-07-30  
[86] 1998-01-30 (PCT/DK98/00041)  
[87] 1998-08-06 (WO98/33934)  
[30] DK (0129/97) 1997-02-04

[21] **2,279,379**  
[13] A1

[51] **Int.Cl. 6E04B 1/74**  
[25] EN  
[54] **INSULATED BUILDING BLOCK SYSTEM**  
[54] **SYSTEME DE BLOCS DE MACONNERIE ISOLES**  
[72] HAENER, Juan, US  
[71] HAENER, Juan, US  
[85] 1999-07-30  
[86] 1997-11-04 (PCT/US97/19823)  
[87] 1998-08-27 (WO98/37284)  
[30] US (08/805,361) 1997-02-24

[21] **2,279,380**  
[13] A1

[51] **Int.Cl. 6F16L 37/244 6F16L 37/248**  
[25] EN  
[54] **HOSE COUPLING**  
[54] **RACCORD POUR TUYAUX FLEXIBLES**  
[72] ERNST, LEON, AU  
[72] KIERATH, TIMOTHY REGINALD, AU  
[71] HOSELINK PTY. LIMITED, AU  
[85] 1999-07-30  
[86] 1998-03-16 (PCT/AU98/00180)  
[87] 1998-09-24 (WO98/41791)  
[30] AU (PO 5627) 1997-03-14

[21] **2,279,381**  
[13] A1

[51] **Int.Cl. 6C07H 13/06 6C07H 3/06**  
[25] EN  
[54] **LOWER ALKYL ESTER RECYCLING IN POLYOL FATTY ACID POLYESTER SYNTHESIS**  
[54] **RECYCLAGE D'ESTER D'ALKYLE INFERIEUR AU COURS D'UNE SYNTHESE DE POLYESTER D'ACIDES GRAS DE POLYOL**  
[72] SARAMA, ROBERT JAMES, US  
[72] KENNEALLY, COREY JAMES, US  
[72] TROUT, JAMES EARL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-07-30  
[86] 1998-02-06 (PCT/US98/02616)  
[87] 1998-08-13 (WO98/34944)  
[30] US (08/797,018) 1997-02-07

[21] **2,279,382**  
[13] A1

[51] **Int.Cl. 6H04L 29/08 6G06F 9/46**  
[25] EN  
[54] **WEB REQUEST BROKER CONTROLLING MULTIPLE PROCESSES**  
[54] **SYSTEME DE COURTAGE POUR DEMANDES DANS LE WEB COMMANDANT DES OPERATIONS MULTIPLES**  
[72] BOOKMAM, MATTHEW, US  
[72] CHOU, TSUNG-JEN, US  
[72] NG, RAYMOND, US  
[72] SHARMA, ANKUR, US  
[72] PANG, ROBERT, US  
[72] NAKHODA, SHEHZAAD, US  
[72] ANAND, MALA, US  
[72] ADUNUTHULA, SESHU, US  
[71] ORACLE CORPORATION, US  
[85] 1999-07-30  
[86] 1998-01-29 (PCT/US98/01644)  
[87] 1998-08-06 (WO98/34386)  
[30] US (08/794,269) 1997-02-03

[21] **2,279,383**  
[13] A1

[51] **Int.Cl. 6A01N 57/20**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR TREATING PLANTS WITH EXOGENOUS CHEMICALS**  
[54] **COMPOSITION ET PROCEDE POUR TRAITER LES PLANTES AVEC DES PRODUITS CHIMIQUES EXOGENES**  
[72] WARNER, JAMES M., US  
[72] WRIGHT, DANIEL R., US  
[72] BRINKER, RONALD J., US  
[72] GILLESPIE, JANE L., US  
[72] SANDBRINK, JOSEPH J., US  
[72] RAYMOND, PETER J., US  
[72] WIDEMAN, AL S., US  
[71] MONSANTO COMPANY, US  
[85] 1999-07-30  
[86] 1998-01-30 (PCT/US98/01684)  
[87] 1998-08-06 (WO98/33384)  
[30] US (60/034,887) 1997-01-31



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,384</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 5/02</b> [25] EN [54] <b>SEALABLE CARTON</b> [54] <b>CARTON SCELLABLE</b> [72] SAULAS, ALAIN, FR [71] THE MEAD CORPORATION, US [85] 1999-07-30 [86] 1998-02-03 (PCT/US98/02018) [87] 1998-09-11 (WO98/39220) [30] GB (9702145.5) 1997-02-03</p>	<p style="text-align: right;">[21] <b>2,279,387</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 10/00</b> [25] EN [54] <b>RADIO TRANSCEIVER FOR DATA TRANSMISSION USING NONLINEAR OPTICAL MEDIUM FOR MODULATION OF LIGHT</b> [54] <b>EMETTEUR-RECEPTEUR RADIO POUR TRANSMISSION DE DONNEES UTILISANT UN MOYEN OPTIQUE NON LINEAIRE POUR LA MODULATION DE LA LUMIERE</b> [72] COVELEY, MICHAEL, CA [72] ZIVOJINOVIC, VOJIN, CA [71] COVELEY, MICHAEL, CA [71] ZIVOJINOVIC, VOJIN, CA [85] 1999-07-30 [86] 1998-12-03 (PCT/CA98/01096) [87] 1999-06-17 (WO99/30443) [30] US (08/985,432) 1997-12-04</p>	<p style="text-align: right;">[21] <b>2,279,390</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 3/20</b> [25] EN [54] <b>BI-DIRECTIONAL ASYNCHRONOUS TELECOMMUNICATION AUDIO SIGNAL PROCESSING</b> [54] <b>TRAITEMENT DE SIGNAL AUDIO DE TELECOMMUNICATION ASYNCHRONE BIDIRECTIONNEL</b> [72] BIELSKER, BARRY H., US [71] COHERENT COMMUNICATIONS SYSTEMS CORP., US [85] 1999-07-30 [86] 1997-09-02 (PCT/US97/15339) [87] 1998-08-06 (WO98/34352) [30] US (08/792,293) 1997-01-31</p>
<p style="text-align: right;">[21] <b>2,279,385</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/00</b> [25] EN [54] <b>SURGICAL INSTRUMENTS WITH IMPROVED TRACTION</b> [54] <b>INSTRUMENTS CHIRURGICAUX A TRACTION AMELIOREE</b> [72] HART, CHARLES C., US [72] CHI-SING, EDUARDO, US [72] GADBERRY, DONALD L., US [72] ASHBY, MARK P., US [72] JONES, ROBERT T., US [72] URQUIDI, LUIS, US [71] APPLIED MEDICAL RESOURCES CORPORATION, US [85] 1999-07-30 [86] 1998-02-03 (PCT/US98/02276) [87] 1998-08-06 (WO98/33437) [30] US (60/037,077) 1997-02-03</p>	<p style="text-align: right;">[21] <b>2,279,388</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16F 15/00 6F16F 15/023 6B60G 21/06</b> [25] EN [54] <b>LOAD VIBRATION ISOLATION APPARATUS</b> [54] <b>APPAREILS ANTI-VIBRATIONS POUR CHARGES</b> [72] DAVIS, TOREN S., US [72] OSTERBERG, DAVID A., US [71] HONEYWELL INC., US [85] 1999-07-30 [86] 1998-01-30 (PCT/US98/01807) [87] 1998-08-06 (WO98/34048) [30] US (08/794,556) 1997-02-03</p>	<p style="text-align: right;">[21] <b>2,279,391</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 30/22 6A44B 19/16 6B65D 33/25</b> [25] EN [54] <b>MULTICOMPARTMENT THERMOPLASTIC BAG</b> [54] <b>SAC THERMOPLASTIQUE A PLUSIEURS COMPARTIMENTS</b> [72] COLUCCI, MICHAEL J., US [72] SAAD, ZAIN E., US [72] DAWKINS, RICHARD, US [72] PRICE, WILLIAM D., US [71] S. C. JOHNSON HOME STORAGE, INC., US [85] 1999-07-30 [86] 1998-01-09 (PCT/US98/00412) [87] 1998-08-06 (WO98/33717) [30] US (60/036,625) 1997-01-31</p>
<p style="text-align: right;">[21] <b>2,279,386</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10B 25/10 6C10B 33/00 6B01J 3/03 6F16L 23/04 6F16L 37/04 6B65G 69/18</b> [25] EN [54] <b>REMOTELY OPERABLE PRESSURE VESSEL SYSTEM</b> [54] <b>ENCEINTE SOUS PRESSION EXPLOITABLE A DISTANCE</b> [72] FETZER, KELLY, US [71] AUTOMATED CONNECTORS, INCORPORATED, US [85] 1999-07-30 [86] 1998-01-28 (PCT/US98/01389) [87] 1998-08-06 (WO98/33868) [30] US (08/790,847) 1997-02-03 [30] US (08/932,419) 1997-09-17</p>	<p style="text-align: right;">[21] <b>2,279,389</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 21/00</b> [25] EN [54] <b>APPARATUS AND METHOD FOR UPGRADING A HOSPITAL ROOM</b> [54] <b>APPAREIL ET PROCEDE POUR TRANSFORMER UNE SALLE D'HOPITAL</b> [72] GRAY, JOHN C., US [72] GALLANT, DENNIS J., US [72] CATTON, EDWARD W., US [72] RUEHL, JOHN W., US [71] HILL-ROM, INC., US [85] 1999-07-30 [86] 1998-01-28 (PCT/US98/01077) [87] 1998-08-06 (WO98/33419) [30] US (08/792,881) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,392</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D04H 11/08</b> [25] FR [54] <b>PROCEDE ET DISPOSITIF DE FABRICATION DE PRODUITS TEXTILES ET PRODUITS TEXTILES OBTENUS</b> [54] <b>METHOD AND DEVICE FOR MAKING TEXTILE PRODUCTS AND RESULTING TEXTILE PRODUCTS</b> [72] BATHELIER, XAVIER, FR [71] TARKETT SOMMER S.A., FR [85] 1999-07-21 [86] 1998-02-11 (PCT/EP98/00770) [87] 1998-08-20 (WO98/36119) [30] EP (97870019.3) 1997-02-14</p>

## Demandes PCT entrant en phase nationale

[21] **2,279,393**  
[13] A1

[51] **Int.Cl. 6B32B 27/34 6B32B 33/00 6G11B 5/704**  
[25] EN  
[54] **AROMATIC POLYAMIDE FILM AND MAGNETIC RECORDING MEDIA MADE BY USING THE SAME**  
[54] **FEUILLE DE POLYAMIDE AROMATIQUE ET SUPPORT D'ENREGISTREMENT MAGNETIQUE FABRIQUE AU MOYEN DE CE FEUIL**  
[72] SUEOKA, MASANORI, JP  
[72] TSUKUDA, AKIMITSU, JP  
[72] HORIUCHI, MITSUHIRO, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 1999-06-21  
[86] 1998-10-20 (PCT/JP98/04748)  
[87] 1999-04-29 (WO99/20463)  
[30] JP (9-290047) 1997-10-22

[21] **2,279,394**  
[13] A1

[51] **Int.Cl. 6H02H 9/02**  
[25] EN  
[54] **DEVICE AND METHOD RELATING TO PROTECTION OF AN OBJECT AGAINST OVER-CURRENTS COMPRISING OVER-CURRENT REDUCTION**  
[54] **DISPOSITIF ET PROCEDE DE PROTECTION D'UN OBJET CONTRE LES SURINTENSITES DE COURANT, CE DISPOSITIF COMPRENANT UN REDUCTEUR DE SURINTENSITES**  
[72] LEJON, MATS, SE  
[72] BERNHOFF, HANS, SE  
[72] WINDMAR, DAN, SE  
[72] ISBERG, JAN, SE  
[72] EKBERG, MATS, SE  
[72] BERGKVIST, MIKAEL, SE  
[72] MING, LI, SE  
[72] SUNESSON, ANDERS, SE  
[72] BERGGREN, BERTIL, SE  
[71] ASEA BROWN BOVERI AB, SE  
[85] 1999-06-15  
[86] 1997-05-27 (PCT/SE97/00880)  
[87] 1998-06-25 (WO98/27634)  
[30] SE (9604629-7) 1996-12-17  
[30] SE (9700335-4) 1997-02-03

[21] **2,279,395**  
[13] A1

[51] **Int.Cl. 6D21H 27/22 6B44C 5/04**  
[25] FR  
[54] **FEUILLE PAPIETIERE DECORATIVE ET STRATIFIE DECORATIF LA COMPORTANT**  
[54] **DECORATIVE PAPER SHEET AND DECORATIVE LAMINATE COMPRISING SAME**  
[72] PERRIN, CLAUDE, FR  
[72] GODET, JEAN-YVES, FR  
[71] ARJO WIGGINS S.A., FR  
[85] 1999-07-26  
[86] 1998-07-27 (PCT/FR98/01650)  
[87] 1999-06-10 (WO99/28554)  
[30] FR (97/15171) 1997-12-02

[21] **2,279,396**  
[13] A1

[51] **Int.Cl. 6H01M 4/60**  
[25] FR  
[54] **NOUVEAUX MATERIAUX D'ELECTRODES DERIVES DE COMPOSES IONIQUES POLYQUINONIQUES ET LEURS UTILISATIONS DANS LES GENERATEURS ELECTROCHIMIQUES**  
[54] **NOVEL ELECTRODE MATERIALS DERIVED FROM POLYQUINOID IONIC COMPOUNDS AND THEIR USES IN ELECTROCHEMICAL GENERATORS**  
[72] RAVET, NATHALIE, CA  
[72] MICHOT, CHRISTOPHE, FR  
[72] ARMAND, MICHEL, CA  
[71] ACEP INC., CA  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR  
[71] UNIVERSITÉ DE MONTRÉAL, CA  
[85] 1999-07-27  
[86] 1998-12-02 (PCT/CA98/01125)  
[87] 1999-06-10 (WO99/28984)  
[30] CA (2,223,562) 1997-12-02

[21] **2,279,397**  
[13] A1

[51] **Int.Cl. 6B65D 17/34**  
[25] FR  
[54] **BOITE METALLIQUE POUR BOISSON DONT LA PARTIE EN CONTACT AVEC LA BOUCHE ET L'OUVERTURE SONT PROTEGEES DE MANIERE HYGIENIQUE**  
[54] **DRINK CAN WITH HYGIENICALLY PROTECTED DRINKING PORTION AND OPENING**  
[72] SAIS, CHRISTOPHE, FR  
[71] SAIS, CHRISTOPHE, FR  
[85] 1999-07-29  
[86] 1998-02-09 (PCT/FR98/00238)  
[87] 1998-08-27 (WO98/36981)  
[30] FR (97/02375) 1997-02-21  
[30] FR (97/07211) 1997-06-09

[21] **2,279,398**  
[13] A1

[51] **Int.Cl. 6B60N 3/16 6B60N 3/18**  
[25] FR  
[54] **CHAUFFE-EAU ELECTRONIQUE EMBARQUE SUR VEHICULE AUTOMOBILE**  
[54] **ON-BOARD ELECTRONIC WATER-HEATER FOR MOTOR VEHICLE**  
[72] VANNOYE, MICHEL, FR  
[71] EVAN SOCIETE ANONYME, FR  
[85] 1999-07-29  
[86] 1998-01-29 (PCT/FR98/00168)  
[87] 1998-08-06 (WO98/33674)  
[30] FR (97/01048) 1997-01-31

## PCT Applications Entering the National Phase

[21] **2,279,399**  
[13] A1

[51] **Int.Cl. 6C07C 317/04 6C08G 61/02 6C08F 232/04 6C07D 339/06 6C07C 317/12 6H01M 6/16 6H01M 10/40 6C07D 311/82**  
[25] FR  
[54] **SELS DE SULFONES PERFLUORES, ET LEURS UTILISATIONS COMME MATERIAUX A CONDUCTION IONIQUE**  
[54] **PERFLUORYNATED SULPHONE SALTS, AND THEIR USES AS IONIC CONDUCTION MATERIALS**  
[72] MICHOT, CHRISTOPHE, FR  
[72] GAUTHIER, MICHEL, CA  
[72] ARMAND, MICHEL, CA  
[72] CHOQUETTE, YVES, CA  
[71] UNIVERSITÉ DE MONTRÉAL, CA  
[71] ACEP INC., CA  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR  
[85] 1999-07-30  
[86] 1998-12-01 (PCT/FR98/02585)  
[87] 1999-06-10 (WO99/28292)  
[30] CA (2,224,046) 1997-12-01  
[30] CA (2,228,801) 1998-02-03

[21] **2,279,400**  
[13] A1

[51] **Int.Cl. 6G01V 3/38**  
[25] FR  
[54] **METHODE DE DETECTION AUTOMATIQUE DES HETEROGENEITES PLANAIRES RECOUPANT LA STRATIFICATION D'UN MILIEU**  
[54] **METHOD FOR AUTOMATIC DETECTION OF PLANAR HETEROGENEITIES CROSSING THE STRATIFICATION OF AN ENVIRONMENT**  
[72] YE, SHIN-JU, FR  
[72] KESKES, NAAMEN, FR  
[72] RABILLER, PHILIPPE, FR  
[71] ELF EXPLORATION PRODUCTION, FR  
[85] 1999-08-02  
[86] 1998-12-11 (PCT/FR98/02705)  
[87] 1999-06-24 (WO99/31530)  
[30] FR (97/15859) 1997-12-15

[21] **2,279,401**  
[13] A1

[51] **Int.Cl. 6A61K 7/42 6A61K 7/48**  
[25] FR  
[54] **EMULSIONS HUILE-DANS-EAU CONTENANT UN DERIVE DE 1,3,5-TRIAZINE ET UNE SILICONE COPOLYOL ET APPLICATIONS COSMETIQUES**  
[54] **OIL-IN-WATER EMULSIONS CONTAINING A 1,3,5-TRIAZINE DERIVATIVE AND A COPOLYOL SILICONE AND COSMETIC APPLICATIONS**  
[72] NODARI, LAURENT, FR  
[72] JOSSO, MARTIN, FR  
[72] HANSENNE, ISABELLE, FR  
[71] L'ORÉAL, FR  
[85] 1999-08-02  
[86] 1998-11-13 (PCT/FR98/02425)  
[87] 1999-06-17 (WO99/29291)  
[30] FR (97/15310) 1997-12-04

[21] **2,279,403**  
[13] A1

[51] **Int.Cl. 6H04Q 7/32 6G06K 19/073 6G07F 7/08**  
[25] EN  
[54] **SUBSCRIBER IDENTITY MODULE MOBILE STATION AND METHOD FOR PERFORMING A SMART CARD FUNCTION**  
[54] **STATION MOBILE AVEC MODULE D'IDENTIFICATION D'ABONNE ET PROCEDE POUR REALISER UNE FONCTION DE CARTE A PUCE**  
[72] ESKOLA, SUSANNA, FI  
[72] LINKOLA, JANNE, FI  
[72] OKSMAN, SALLA, FI  
[72] LEHMUS, MARJA-LEENA, FI  
[71] SONERA OY, FI  
[85] 1999-07-16  
[86] 1998-01-27 (PCT/FI98/00080)  
[87] 1998-07-30 (WO98/33343)  
[30] FI (970339) 1997-01-27

[21] **2,279,404**  
[13] A1

[51] **Int.Cl. 6B60R 21/28 6B60R 21/26**  
[25] EN  
[54] **LIQUID PROPELLANT AIRBAG INFLATOR**  
[54] **DISPOSITIF DE GONFLAGE D'AIRBAG A PROPULSEUR LIQUIDE**  
[72] MAYNARD, ALFRED CHARLES, US  
[71] GENERAL DYNAMICS ARMAMENT SYSTEMS, INC., US  
[85] 1999-07-22  
[86] 1998-02-02 (PCT/US98/01790)  
[87] 1998-08-06 (WO98/33683)  
[30] US (60/037,231) 1997-02-03  
[30] US (08/994,135) 1997-12-19

[21] **2,279,405**  
[13] A1

[51] **Int.Cl. 6C02F 1/52**  
[25] FR  
[54] **PROCEDE DE TRAITEMENT PHYSICO-CHIMIQUE D'EFFLUENTS, NOTAMMENT D'EAUX DE SURFACE DESTINEES A LA CONSOMMATION**  
[54] **METHOD FOR THE PHYSICO-CHEMICAL TREATMENT OF EFFLUENTS IN PARTICULAR SURFACE WATER FOR CONSUMPTION**  
[72] VION, PATRICK, FR  
[71] DEGREMONT, FR  
[85] 1999-07-22  
[86] 1998-01-26 (PCT/FR98/00134)  
[87] 1998-07-30 (WO98/32702)  
[30] FR (97/00846) 1997-01-27  
[30] FR (97/16634) 1997-12-29

[21] **2,279,406**  
[13] A1

[51] **Int.Cl. 6C02F 1/52**  
[25] FR  
[54] **PROCEDE DE TRAITEMENT PHYSICO-CHIMIQUE D'EFFLUENTS, NOTAMMENT D'EAUX DE SURFACE DESTINEES A LA CONSOMMATION**  
[54] **METHOD FOR THE PHYSICO-CHEMICAL TREATMENT OF EFFLUENTS, IN PARTICULAR OF SURFACE WATER FOR CONSUMPTION**  
[72] VION, PATRICK, FR  
[71] DEGREMONT, FR  
[85] 1999-07-22  
[86] 1998-01-23 (PCT/FR98/00125)  
[87] 1998-07-30 (WO98/32701)  
[30] FR (97/00846) 1997-01-27

## Demandes PCT entrant en phase nationale

[21] **2,279,407**  
[13] A1

[51] **Int.Cl. 6A61K 35/78**  
[25] EN  
[54] **CENTIPEDA PLANT EXTRACT**  
[54] **EXTRAIT DES PLANTES**  
**"CENTIPEDA"**  
[72] CLOSE, GRAEME A., AU  
[71] CLOSE, GRAEME A., AU  
[71] D'AMELIO, FRANK, US  
[85] 1999-07-23  
[86] 1998-01-22 (PCT/AU98/00031)  
[87] 1998-07-30 (WO98/32454)  
[30] AU (PO 4803) 1997-01-28  
[30] AU (PP 0220) 1997-11-06

[21] **2,279,408**  
[13] A1

[51] **Int.Cl. 6D03D 25/00 6D03D 41/00**  
[25] EN  
[54] **NETWORK-LIKE WOVEN 3D**  
**FABRIC MATERIAL**  
[54] **MATIERE EN TISSU TISSE EN 3D**  
**DE TYPE RESEAU**  
[72] KHOKAR, NANDAN, SE  
[71] BITEAM AB, SE  
[85] 1999-07-14  
[86] 1997-03-03 (PCT/SE97/00355)  
[87] 1998-09-11 (WO98/39507)

[21] **2,279,409**  
[13] A1

[51] **Int.Cl. 6A43B 5/16 6A63C 17/00**  
[25] EN  
[54] **TRI-POINT SKATE BOOT**  
[54] **CHAUSSURE DE PATIN A TROIS**  
**POINTS DE TRANSMISSION DE**  
**FORCE**  
[72] FULLUM, JEAN FRANÇOIS, CA  
[71] BAUER INC., CA  
[85] 1999-07-05  
[86] 1998-01-07 (PCT/CA98/00025)  
[87] 1998-07-16 (WO98/30119)  
[30] CA (2,194,518) 1997-01-07  
[30] CA (2,196,490) 1997-01-31  
[30] CA (2,196,489) 1997-01-31

[21] **2,279,410**  
[13] A1

[51] **Int.Cl. 6B60R 21/28 6B60R 21/26**  
[25] EN  
[54] **INFLATOR CAPABLE OF**  
**MODULATING AIRBAG INFLATION**  
**RATE IN A VEHICLE OCCUPANT**  
**RESTRAINT APPARATUS**  
[54] **DISPOSITIF DE GONFLAGE**  
**PERMETTANT DE MODIFIER LE**  
**DEGRE DE GONFLAGE D'UN COUSSIN**  
**DANS UN APPAREIL DE RETENUE DES**  
**OCCUPANTS D'UN VEHICULE**  
[72] MESSINA, NEALE ARTHUR, US  
[72] INGRAM, LARRY STEFAN, US  
[72] TARCZYNSKI, MAREK, US  
[72] BROWN, STEVEN JOSEPH, US  
[71] GENERAL DYNAMICS ARMAMENT  
SYSTEMS, INC., US  
[85] 1999-07-22  
[86] 1998-02-02 (PCT/US98/01800)  
[87] 1998-08-06 (WO98/33684)  
[30] US (60/037,234) 1997-02-03  
[30] US (08/995,419) 1997-12-19

[21] **2,279,411**  
[13] A1

[51] **Int.Cl. 6B60R 21/26**  
[25] EN  
[54] **IMPROVED AIRBAG INFLATOR**  
**FOR VEHICLE OCCUPANT**  
**RESTRAINT APPARATUS**  
[54] **GONFLEUR DE COUSSINS**  
**AMELIORE POUR APPAREIL DE**  
**RETENUE D'OCCUPANT DE**  
**VEHICULE**  
[72] REITZ, WILLIAM HUGO JR., US  
[72] MESSINA, NEALE ARTHUR, US  
[72] BROWN, STEVEN JOSEPH, US  
[72] INGRAM, LARRY STEFAN, US  
[72] OLSZANSKYJ, FEDOR, US  
[71] GENERAL DYNAMICS ARMAMENT  
SYSTEMS, INC., US  
[85] 1999-07-22  
[86] 1998-02-12 (PCT/US98/02915)  
[87] 1998-08-20 (WO98/35860)  
[30] US (08/800,189) 1997-02-13

[21] **2,279,412**  
[13] A1

[51] **Int.Cl. 6H02K 11/04**  
[25] EN  
[54] **ELECTRIC MOTOR WITH AN**  
**UPSTREAM FREQUENCY**  
**CONVERTER**  
[54] **MOTEUR ELECTRIQUE A**  
**CONVERTISSEUR DE FREQUENCE**  
**MONTE EN AMONT**  
[72] ROTH STIELOW, JÿRG, DE  
[72] SCHMIDT, JOSEF, DE  
[71] SEW-EURODRIVE GMBH & CO., DE  
[85] 1999-07-23  
[86] 1998-01-28 (PCT/EP98/00445)  
[87] 1998-08-13 (WO98/35424)  
[30] DE (197 04 226.0) 1997-02-05

[21] **2,279,413**  
[13] A1

[51] **Int.Cl. 6H02K 3/50**  
[25] EN  
[54] **A ROTATING ELECTRIC**  
**MACHINE**  
[54] **MACHINE ELECTRIQUE**  
**TOURNANTE**  
[72] CARSTENSEN, PETER, SE  
[72] LEIJON, MATS, SE  
[71] ASEA BROWN BOVERI AB, SE  
[85] 1999-07-23  
[86] 1998-02-02 (PCT/SE98/00166)  
[87] 1998-08-06 (WO98/34326)  
[30] SE (9700355-2) 1997-02-03  
[30] SE (9704426-7) 1997-11-28

[21] **2,279,414**  
[13] A1

[51] **Int.Cl. 6H02H 7/06**  
[25] EN  
[54] **SYNCHRONOUS MACHINE**  
[54] **MACHINE SYNCHRONE**  
[72] LEIJON, MATS, SE  
[72] PETERSSON, TORE, SE  
[72] GERTMAR, LARS, SE  
[72] BERGGREN, BERTIL, SE  
[72] NYGREN, JAN-ANDERS, SE  
[71] ASEA BROWN BOVERI AB, SE  
[85] 1999-07-23  
[86] 1998-02-02 (PCT/SE98/00174)  
[87] 1998-08-06 (WO98/34312)  
[30] SE (9700367-7) 1997-02-03  
[30] SE (9704431-7) 1997-11-28

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,415</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02K 1/20</b> [25] EN [54] <b>END PLATE</b> [54] <b>PLAQUE TERMINALE</b> [72] EDMAN, ARNE, SE [72] LEIJON, MATS, SE [72] GYRAN, BENGT, SE [72] KALLDIN, HANS-OLOF, SE [72] KYLANDER, GUNNAR, SE [71] ASEA BROWN BOVERI AB, SE [85] 1999-07-23 [86] 1998-02-02 (PCT/SE98/00163) [87] 1998-08-06 (WO98/34323) [30] SE (9700349-5) 1997-02-03 [30] SE (9704422-6) 1997-11-28</p>	<p style="text-align: right;">[21] <b>2,279,418</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 33/333</b> [25] EN [54] <b>FILTERING APPARATUS</b> [54] <b>APPAREIL DE FILTRATION</b> [72] HOLMBERG, GLENN, SE [71] HOLMBERG, GLENN, SE [85] 1999-07-26 [86] 1998-01-23 (PCT/SE98/00096) [87] 1998-08-20 (WO98/35743) [30] SE (9700235-6) 1997-01-27</p>	<p style="text-align: right;">[21] <b>2,279,421</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 1/02</b> [25] EN [54] <b>LIFT RECLINER CHAIR WITH SAFETY SYSTEM</b> [54] <b>FAUTEUIL INCLINABLE A ASSISTANCE DE LEVAGE AVEC SYSTEME DE SECURITE</b> [72] KEMMERER, KENNETH, US [72] CASEY, KENNETH, US [71] KEMMERER, KENNETH, US [71] CASEY, KENNETH, US [85] 1999-08-02 [86] 1998-01-30 (PCT/US98/01652) [87] 1998-08-06 (WO98/33418) [30] US (08/790,861) 1997-02-03</p>
<p style="text-align: right;">[21] <b>2,279,416</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02G 1/14</b> [25] EN [54] <b>AN ARRANGEMENT FOR CABLE JOINTS AND A ROTATING ELECTRIC MACHINE INCLUDING SAID ARRANGEMENT</b> [54] <b>DISPOSITIF POUR JONCTIONS DE CABLES ET MACHINE ELECTRIQUE TOURNANTE COMPRENANT UN TEL DISPOSITIF</b> [72] JOHANSSON, LEIF, SE [72] GYRAN, BENGT, SE [72] LEIJON, MATS, SE [72] CARSTENSEN, PETER, SE [71] ASEA BROWN BOVERI AB, SE [85] 1999-07-23 [86] 1998-02-02 (PCT/SE98/00165) [87] 1998-08-06 (WO98/34309) [30] SE (9700353-7) 1997-02-03 [30] SE (9704424-2) 1997-11-28</p>	<p style="text-align: right;">[21] <b>2,279,419</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 25/00 6A61K 38/36 6C07K 14/75</b> [25] EN [54] <b>A STABILIZED MIXTURE COMPRISING FIBRINOGEN</b> [54] <b>MELANGE STABILISE A BASE DE FIBRINOGENES</b> [72] LIEBERMAN, ODED, BE [72] NUR, ISRAEL, US [72] BAR, LILLIANA, US [71] OMRIX BIOPHARMACEUTICALS S.A., BE [85] 1999-07-26 [86] 1998-01-30 (PCT/EP98/00502) [87] 1998-08-06 (WO98/33533) [30] EP (97101569.8) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,423</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F24J 2/24</b> [25] EN [54] <b>FLAT PLATE SOLAR COLLECTOR</b> [54] <b>CAPTEUR SOLAIRE PLAT</b> [72] NEWMAN, MICHAEL D., US [71] ENERGY LABORATORIES, INC., US [85] 1999-07-26 [86] 1997-01-23 (PCT/US97/00673) [87] 1997-07-31 (WO97/27435) [30] US (08/591,759) 1996-01-25</p>
<p style="text-align: right;">[21] <b>2,279,417</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B25F 1/04 6B25C 5/02</b> [25] EN [54] <b>MULTI-PURPOSE HAND-HELD DEVICE</b> [54] <b>INSTRUMENT MULTI-USAGE</b> [72] ACKERET, PETER, CH [71] CTECH AG, CH [85] 1999-07-26 [86] 1998-01-28 (PCT/EP98/00446) [87] 1998-07-30 (WO98/32570) [30] DE (197 02 955.8) 1997-01-28 [30] DE (197 45 799.1) 1997-10-16</p>	<p style="text-align: right;">[21] <b>2,279,420</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01S 3/06 6G02B 6/16</b> [25] EN [54] <b>POLARISATION ASYMMETRIC ACTIVE OPTICAL WAVEGUIDE, METHOD OF ITS PRODUCTION, AND ITS USES</b> [54] <b>GUIDE D'ONDES OPTIQUE ACTIF A POLARISATION ASYMETRIQUE, SON PROCEDE DE FABRICATION ET SES UTILISATIONS</b> [72] HUBNER, JYRG, DK [72] KRISTENSEN, MARTIN, DK [72] VARMING, POUL, DK [72] SEJKA, MILAN, CA [72] PALSDOTTIR, BERA, DK [71] LUCENT TECHNOLOGIES DENMARK A/S, DK [71] IONAS A/S, DK [85] 1999-08-02 [86] 1998-02-13 (PCT/DK98/00056) [87] 1998-08-20 (WO98/36300) [30] DK (0168/97) 1997-02-13 [30] US (60/040,415) 1997-03-13</p>	<p style="text-align: right;">[21] <b>2,279,424</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 43/40 6A01N 43/12 6C09D 5/14 6C09D 5/16 6A01N 47/18 6A01N 43/70</b> [25] EN [54] <b>ALGICIDAL AND FUNGICIDAL PRESERVATIVE WITH ALTERNARIA-ACTIVITY</b> [54] <b>CONSERVATEUR ALGICIDE ET FONGICIDE A ACTIVITE ANTI-ALTERNARIA</b> [72] SIEGERT, WOLFGANG, DE [72] WEBER, KLAUS, DE [72] GRADTKE, RALF, DE [72] MANGOLD, HERBERT, DE [72] BEILFUSS, WOLFGANG, DE [71] AIR LIQUIDE SANTÉ (INTERNATIONAL), FR [85] 1999-07-26 [86] 1998-01-27 (PCT/IB98/00099) [87] 1998-08-06 (WO98/33380) [30] DE (197 05 085.9) 1997-01-30</p>

## Demandes PCT entrant en phase nationale

[21] **2,279,425**  
[13] A1

[51] **Int.Cl. 6G02B 1/11 6C23C 16/02 6G01B 11/06 6B05D 7/24 6C03C 17/28**  
[25] EN  
[54] **COATINGS, METHODS AND APPARATUS FOR REDUCING REFLECTION FROM OPTICAL SUBSTRATES**  
[54] **REVETEMENTS, PROCEDES ET APPAREIL POUR REDUIRE LA REFLEXION A PARTIR DE SUBSTRATS OPTIQUES**  
[72] HAALAND, PETER D., US  
[72] McKOY, VINCENT B., US  
[71] HAALAND, PETER D., US  
[71] McKOY, VINCENT B., US  
[85] 1999-07-26  
[86] 1997-12-12 (PCT/US97/23231)  
[87] 1998-07-30 (WO98/33077)  
[30] US (60/037239) 1997-01-27

[21] **2,279,426**  
[13] A1

[51] **Int.Cl. 6A61K 6/00**  
[25] EN  
[54] **METHOD FOR PRODUCING DENTAL CASTINGS AND FOR PRODUCING A MATERIAL FOR DENTAL PRODUCTS, AND THE UTILIZATION THEREOF**  
[54] **PROCEDE POUR LA FABRICATION DE PRODUITS COULES DENTAIRE ET POUR LA FABRICATION D'UN MATERIAU DESTINE A DES PRODUITS DENTAIRE, AINSI QUE SON UTILISATION**  
[72] DOLABDJIAN, HAIG, DE  
[71] BEGO BREMER GOLDSCHLAGEREI WILH, HERBST GMBH & CO., DE  
[85] 1999-07-26  
[86] 1998-12-03 (PCT/EP98/07849)  
[87] 1999-06-17 (WO99/29281)  
[30] DE (197 53 706.5) 1997-12-04  
[30] DE (197 19 715.2) 1998-05-02

[21] **2,279,427**  
[13] A1

[51] **Int.Cl. 6A61K 41/00**  
[25] EN  
[54] **COMPOSITIONS AND ARTICLES FOR REDUCING THE EFFECTS OF INFLAMMATION**  
[54] **COMPOSITIONS ET ARTICLES POUR ATTENUER LES CONSEQUENCES DE L'INFLAMMATION**  
[72] RICHTER, ANNA M., CA  
[72] HARITON, CLAUDE A.A., FR  
[72] LEVY, JULIA G., CA  
[72] STEWART, WILLIAM C., US  
[72] HUBER, GUSTAV, CH  
[72] FSADNI, MARIO, CH  
[72] OBOCHI, MODESTUS, CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[71] CIBA VISION AG, CH  
[71] QLT PHOTOTHERAPEUTICS, INC., CA  
[85] 1999-07-26  
[86] 1998-01-14 (PCT/IB98/00181)  
[87] 1998-08-13 (WO98/34644)  
[30] US (08/797,963) 1997-02-11  
[30] US (08/942,883) 1997-10-02

[21] **2,279,428**  
[13] A1

[51] **Int.Cl. 6A61K 31/01 6A61K 31/015 6A61K 31/70**  
[25] EN  
[54] **COMPOUNDS AND METHODS FOR THERAPEUTIC INTERVENTION IN PREVENTING DIABETIC COMPLICATIONS**  
[54] **COMPOSES ET PROCEDES CONCERNANT L'UTILISATION D'AGENTS THERAPEUTIQUES DANS LA PREVENTION DE COMPLICATIONS DIABETIQUES**  
[72] BROWN, TRUMAN R., US  
[72] SZWERGOLD, BENJAMIN, US  
[72] KAPPLER, FRANCIS, US  
[72] SU, BANGYING, US  
[72] LAL, SUNDEEP, US  
[71] FOX CHASE CANCER CENTER, US  
[85] 1999-07-26  
[86] 1998-02-05 (PCT/US98/02192)  
[87] 1998-08-06 (WO98/33492)  
[30] US (08/794,433) 1997-02-05

[21] **2,279,429**  
[13] A1

[51] **Int.Cl. 6H03K 19/20 6H03K 3/00**  
[25] EN  
[54] **LATCH CIRCUIT**  
[54] **CIRCUIT A VERROUILLAGE**  
[72] JESSEN, JEPPE RUNE, DK  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-07-26  
[86] 1998-01-27 (PCT/SE98/00114)  
[87] 1998-07-30 (WO98/33278)  
[30] SE (9700222-4) 1997-01-27

[21] **2,279,431**  
[13] A1

[51] **Int.Cl. 6H04L 1/24 6H04J 3/14**  
[25] EN  
[54] **METHOD TO CONTROL A SWITCHING UNIT AND AN ARRANGEMENT WORKING ACCORDING TO THE METHOD**  
[54] **PROCEDE DE COMMANDE D'UNE UNITE DE COMMUTATION ET DISPOSITIF FONCTIONNANT SELON CE PROCEDE**  
[72] KARLSSON, CARL MICHAEL, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-07-26  
[86] 1998-01-27 (PCT/SE98/00118)  
[87] 1998-07-30 (WO98/33291)  
[30] SE (9700219-0) 1997-01-27

[21] **2,279,433**  
[13] A1

[51] **Int.Cl. 6B41J 2/36 6G01D 15/10**  
[25] EN  
[54] **AUTOMATIC VARIABLE SPEED PRINT APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE D'IMPRESSION AUTOMATIQUE A VITESSE VARIABLE**  
[72] JORDAN, JAMES M., US  
[71] DATACARD CORPORATION, US  
[85] 1999-07-26  
[86] 1998-02-06 (PCT/US98/02734)  
[87] 1998-08-13 (WO98/34788)  
[30] US (08/797,181) 1997-02-10

## PCT Applications Entering the National Phase

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[21] **2,279,434**  
[13] A1  
[51] **Int.Cl. 6D04H 1/00 6A44B 18/00 6B24D 9/08 6D04H 1/54 6D04H 1/58 6D04H 1/60**  
[25] EN  
[54] **LOOP MATERIAL FOR HOOK-AND-LOOP FASTENING SYSTEM**  
[54] **MATERIAU BOUCLE POUR SYSTEME DE FIXATION A CROCHETS ET BOUCLES**  
[72] COOL, ROBERT ALAN, US  
[72] DEKA, GANESH CHANDRA, US  
[72] RICHARDS, DAVID WILLIAM, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-07-26  
[86] 1998-01-29 (PCT/US98/01709)  
[87] 1998-09-03 (WO98/38369)  
[30] US (08/807,800) 1997-02-28

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[21] **2,279,451**  
[13] A1  
[51] **Int.Cl. 6B65G 1/06**  
[25] EN  
[54] **RETRIEVAL SYSTEM WITH A ROTATABLE STORAGE STRUCTURE**  
[54] **SYSTEME DE RECHERCHE AVEC STRUCTURE DE RANGEMENT ROTATIVE**  
[72] PEARSON, WILLIAM A., US  
[72] QUINTON, JACK, US  
[72] BULLER, DONALD P., US  
[72] PERRY, DANIEL C., US  
[72] HIRKA, SEAN PATRICK, US  
[72] JOHNSON, JEFF, US  
[71] COMPUTER AIDED SYSTEMS, INC., US  
[85] 1999-08-03  
[86] 1998-02-05 (PCT/US98/02149)  
[87] 1998-08-13 (WO98/34856)  
[30] US (08/796,274) 1997-02-07

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[21] **2,279,452**  
[13] A1  
[51] **Int.Cl. 6G02B 1/04 6A61L 27/00 6C08F 20/18 6C08F 2/50**  
[25] EN  
[54] **METHOD OF PREPARING FOLDABLE HIGH REFRACTIVE INDEX ACRYLIC OPHTHALMIC DEVICE MATERIALS**  
[54] **PROCEDE DE PREPARATION DE MATIERES POUR DISPOSITIFS OPHTHALMIQUES EN ACRYLIQUE PLIABLES A INDICE DE REFRACTION ELEVE**  
[72] LEBOEUF, ALBERT R., US  
[72] KARAKELLE, MUTLU, US  
[71] ALCON LABORATORIES, INC., US  
[85] 1999-08-03  
[86] 1998-07-14 (PCT/US98/14419)  
[87] 1999-02-18 (WO99/08136)  
[30] US (08/908,229) 1997-08-07

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[21] **2,279,453**  
[13] A1  
[51] **Int.Cl. 6A61B 5/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ANALYZING A LANGUAGE EXPRESSION FUNCTION**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'ANALYSER UNE FONCTION D'EXPRESSION LINGUISTIQUE**  
[72] NOJIMA, SEIJI, JP  
[71] NOJIMA, SEIJI, JP  
[85] 1999-08-03  
[86] 1997-04-25 (PCT/JP97/01458)  
[87] 1998-11-05 (WO98/48697)

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[21] **2,279,455**  
[13] A1  
[51] **Int.Cl. 6B29C 41/08 6B60R 13/02 6B29C 44/14 6B29C 41/22 6B29C 67/24**  
[25] EN  
[54] **PROCESS FOR MAKING DECORATIVE AUTOMOTIVE INTERIOR TRIM ARTICLES WITH INTEGRAL LIGHT STABLE POLYURETHANE ELASTOMER COVERING**  
[54] **PROCEDE POUR PRODUIRE DES ARTICLES DE GARNITURE INTERIEURE DECORATIFS POUR AUTOMOBILES, AVEC REVETEMENT D'UNE SEULE PIECE EN ELASTOMERE DE POLYURETHANNE STABLE A LA LUMIERE**  
[72] GARDNER, JOHN A., JR., US  
[71] MAGNA INTERIOR SYSTEMS INC., CA  
[85] 1999-07-29  
[86] 1997-07-08 (PCT/IB97/00934)  
[87] 1998-08-06 (WO98/33634)  
[30] US (08/790,291) 1997-01-31

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[21] **2,279,456**  
[13] A1  
[51] **Int.Cl. 6B65B 55/00**  
[25] EN  
[54] **SYSTEM FOR TRANSFERRING OBJECTS INTO BARRIER ISOLATOR**  
[54] **SYSTEME POUR TRANSFERER DES OBJETS A L'INTERIEUR D'UNE ENCEINTE D'ISOLEMENT**  
[72] NORTON, PAUL H., US  
[71] THE WEST COMPANY, INCORPORATED, US  
[85] 1999-08-03  
[86] 1998-01-28 (PCT/US98/01642)  
[87] 1998-08-06 (WO98/33710)  
[30] US (08/794,029) 1997-02-03  
[30] US (08/948,183) 1997-10-09

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[21] **2,279,457**  
[13] A1  
[51] **Int.Cl. 6H04N 7/173**  
[25] EN  
[54] **VIDEO COMMUNICATION METHOD**  
[54] **PROCEDE POUR COMMUNIQUER DES VIDEOS**  
[72] ARVISAIS, GEORGES J., CA  
[71] ARVISAIS, GEORGES J., CA  
[85] 1999-08-03  
[86] 1998-02-02 (PCT/CA98/00061)  
[87] 1998-08-06 (WO98/34404)  
[30] US (08/795,715) 1997-02-04

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,458</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14</b> [25] EN [54] <b>ANTICOLLISION PROTOCOL FOR READING MULTIPLE RFID TAGS</b> [54] <b>PROTOCOLE ANTI-COLLISION POUR LA LECTURE D'ETIQUETTES RFID MULTIPLES</b> [72] BOWERS, JOHN H., US [72] DAIGLE, JOHN NELSON, US [72] PETROVIC, RADE, US [71] CHECKPOINT SYSTEMS, INC., US [85] 1999-08-03 [86] 1998-01-22 (PCT/US98/01020) [87] 1998-08-13 (WO98/35327) [30] US (08/796,645) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,279,461</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12P 21/02 6C12P 21/08 6C12N 5/10 6A61K 38/18 6A61K 38/19 6C07K 16/28 6G01N 33/577 6C07K 14/715</b> [25] EN [54] <b>NOVEL MOUSE CXC CHEMOKINE RECEPTOR</b> [54] <b>NOUVEAU RECEPTEUR DE CHIMIOKINE CXC MURIN</b> [72] NAKAJIMA, TOSHIHIRO, JP [72] TACHIBANA, KAZUNOBU, JP [72] NAGASAWA, TAKASHI, JP [72] YOSHIE, OSAMU, JP [72] KISHIMOTO, TADAMITSU, JP [72] YOSHIDA, NOBUAKI, JP [72] IIZASA, HISASHI, JP [71] SHIONOGI &amp; CO., LTD., JP [71] KISHIMOTO, TADAMITSU, JP [85] 1999-08-03 [86] 1997-02-07 (PCT/JP97/00299) [87] 1998-08-13 (WO98/35035)</p>	<p style="text-align: right;">[21] <b>2,279,487</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/09 6A01K 67/027 6C12N 5/10 6C12N 15/85</b> [25] EN [54] <b>KNOCKOUT ANIMALS</b> [54] <b>ANIMAUX PRESENTANT UNE INACTIVATION GENIQUE</b> [72] KOHNO, KENJI, JP [71] DNAVEC RESEARCH INC., JP [85] 1999-07-30 [86] 1998-01-30 (PCT/JP98/00408) [87] 1998-08-06 (WO98/33899) [30] JP (9/33247) 1997-01-31</p>
<p style="text-align: right;">[21] <b>2,279,459</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 5/08 6C07K 14/81</b> [25] EN [54] <b>HUMAN REGENERATION-ASSOCIATED SERPIN-1 (RASP-1) AND METHODS OF USE</b> [54] <b>SERFINE-1 (RASP-1) ASSOCIEE A LA REGENERATION HUMAINE ET METHODES D'UTILISATION</b> [72] PURCHIO, ANTHONY F., US [71] HEPATIX INC., US [85] 1999-08-03 [86] 1998-02-03 (PCT/US98/01962) [87] 1998-08-06 (WO98/33890) [30] US (60/036,842) 1997-02-03</p>	<p style="text-align: right;">[21] <b>2,279,462</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07F 7/10</b> [25] EN [54] <b>DATA CARD VERIFICATION SYSTEM</b> [54] <b>SYSTEME POUR VERIFIER DES CARTES DE DONNEES</b> [72] VANSTONE, SCOTT A., CA [71] CERTICOM CORP., CA [85] 1999-08-03 [86] 1998-02-03 (PCT/CA98/00056) [87] 1998-08-06 (WO98/34202) [30] GB (9702152.1) 1997-02-03</p>	<p style="text-align: right;">[21] <b>2,279,488</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07H 21/00 6C07H 21/04 6A61K 31/70</b> [25] EN [54] <b>ANTI-VIRAL GUANOSINE-RICH TETRAD FORMING OLIGONUCLEOTIDES</b> [54] <b>OLIGONUCLEOTIDES ANTIVIRAUX RICHES EN GUANOSINE FORMANT DES TETRADES</b> [72] HOGAN, MICHAEL E., US [72] OJWANG, JOSHUA O., US [72] WALLACE, THOMAS L., US [72] COSSUM, PAUL A., US [72] RANDO, ROBERT F., CA [71] ARONEX PHARMACEUTICALS, INC., US [71] BAYLOR COLLEGE OF MEDICINE, US [85] 1999-07-29 [86] 1998-02-03 (PCT/US98/01974) [87] 1998-08-06 (WO98/33807) [30] US (60/037,374) 1997-02-04 [30] US (08/987,574) 1997-12-09</p>
<p style="text-align: right;">[21] <b>2,279,460</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G05D 23/13</b> [25] EN [54] <b>THERMOSTATIC MIXING VALVE</b> [54] <b>MITIGEUR THERMOSTATIQUE</b> [72] RUGA, OSVALDO, IT [71] OFFICINA MECCANICA RUGA OSVALDO, IT [85] 1999-08-03 [86] 1998-02-04 (PCT/IT98/00016) [87] 1998-08-13 (WO98/35280) [30] IT (MI97A000238) 1997-02-06</p>	<p style="text-align: right;">[21] <b>2,279,486</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/00</b> [25] EN [54] <b>METHOD FOR IDENTIFYING INDUCERS AND INHIBITORS OF PROGRAMMED CELL DEATH</b> [54] <b>PROCEDES D'IDENTIFICATION DES INDUCTEURS ET DES INHIBITEURS DE LA MORT CELLULAIRE PROGRAMMEE</b> [72] BIN, HE, US [72] ROIZMAN, BERNARD, US [71] ARCH DEVELOPMENT CORPORATION, US [85] 1999-07-30 [86] 1998-01-30 (PCT/US98/01808) [87] 1998-08-06 (WO98/33933) [30] US (60/036,997) 1997-01-31 [30] US (08/795,470) 1997-02-04</p>	<p style="text-align: right;">[21] <b>2,279,489</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 1/20 6A01N 63/00</b> [25] EN [54] <b>ANTIFUNGAL BIOCONTROL AGENTS, A PROCESS FOR PREPARING AND TREATING THE SAME</b> [54] <b>AGENTS DE LUTTE BIOLOGIQUE ANTIFONGIQUE ET PROCEDE D'ELABORATION ET D'UTILISATION</b> [72] SUH, HYUNG WON, KR [71] SUH, HYUNG WON, KR [85] 1999-08-03 [86] 1998-01-24 (PCT/KR98/00015) [87] 1998-08-13 (WO98/35017) [30] KR (1997/3568) 1997-02-05</p>



## PCT Applications Entering the National Phase

[21] **2,279,490**  
[13] A1

[51] **Int.Cl. 6C12N 15/54 6C12N 9/10 6C07K 16/40 6C12Q 1/52**  
[25] EN  
[54] **GLUTRAGLN  
AMIDOTRANSFERASE - A NOVEL  
ESSENTIAL TRANSLATIONAL  
COMPONENT**  
[54] **GLUTRAGLN  
AMIDOTRANSFERASE: UN NOUVEAU  
COMPOSANT ESSENTIEL DE LA  
TRADUCTION**  
[72] SYLL, DIETER, US  
[71] YALE UNIVERSITY, US  
[85] 1999-08-03  
[86] 1998-02-03 (PCT/US98/01860)  
[87] 1998-08-06 (WO98/33925)  
[30] US (60/037,275) 1997-02-03

[21] **2,279,492**  
[13] A1

[51] **Int.Cl. 6C12P 21/04 6A61K 39/00 6C07K 16/00 6C07H 21/04 6C12P 21/08 6A61K 39/21 6A61K 39/395 6G01N 33/53 6C12Q 1/70**  
[25] EN  
[54] **IMMUNOLOGICAL TOLERANCE  
TO HIV EPITOPES**  
[54] **TOLERANCE IMMUNOLOGIQUE  
AUX EPITOPES DU HIV**  
[72] SCOTT, DAVID, US  
[72] ZAMBIDIS, ELIAS, US  
[71] AMERICAN NATIONAL RED  
CROSS, US  
[85] 1999-07-29  
[86] 1998-02-13 (PCT/US98/02766)  
[87] 1998-08-20 (WO98/36087)  
[30] US (60/040,581) 1997-02-13

[21] **2,279,493**  
[13] A1

[51] **Int.Cl. 6C07C 45/53 6C07C 29/132**  
[25] EN  
[54] **HYDROPEROXIDE  
DECOMPOSITION PROCESS**  
[54] **PROCEDE DE DECOMPOSITION  
D'HYDROPEROXYDES**  
[72] LANE, SAMUEL LIVINGSTON, US  
[72] DRULINER, JOE DOUGLAS, US  
[72] KOURTAKIS, KOSTANTINOS, US  
[72] JORDAN, STEPHEN PAUL, US  
[72] SMART, BRUCE EDMUND, US  
[72] MANZER, LEO ERNEST, US  
[72] HERRON, NORMAN, US  
[71] E. I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 1999-08-03  
[86] 1998-02-10 (PCT/US98/02926)  
[87] 1998-08-13 (WO98/34894)  
[30] US (60/037,564) 1997-02-11  
[30] US (60/045,165) 1997-04-30

[21] **2,279,494**  
[13] A1

[51] **Int.Cl. 6C07K 14/55**  
[25] EN  
[54] **A METHOD OF  
CHROMATOGRAPHICALLY  
PURIFYING OR FRACTIONATING,  
RESPECTIVELY, VON WILLEBRAND  
FACTOR FROM A VWF-CONTAINING  
STARTING MATERIAL**  
[54] **PROCEDE DE PURIFICATION OU  
DE FRACTIONNEMENT  
CHROMATOGRAPHIQUE DU  
FACTEUR WILLEBRAND CONTENU  
DANS UN MATERIAU DE DEPART**  
[72] SIEKMANN, JURGEN, AT  
[72] EIBL, JOHANN, AT  
[72] FISCHER, BERNHARD, AT  
[72] TURECEK, PETER, AT  
[72] MITTERER, ARTUR, AT  
[72] SCHWARZ, HANS-PETER, AT  
[72] DORNER, FRIEDRICH, AT  
[71] BAXTER AKTIENGESELLSCHAFT,  
AT  
[85] 1999-08-03  
[86] 1998-01-30 (PCT/AT98/00020)  
[87] 1998-08-06 (WO98/33820)  
[30] AT (A 176/97) 1997-02-04

[21] **2,279,495**  
[13] A1

[51] **Int.Cl. 6C08F 291/00 6C09D 151/00 6C08F 265/04 6C08F 265/06**  
[25] EN  
[54] **EMULSION POLYMERS WHICH  
PROVIDE SCRUB RESISTANCE AND  
BLOCKING RESISTANCE IN HIGH  
AND LOW PVC PAINT  
FORMULATIONS**  
[54] **POLYMERES EN EMULSION QUI  
FOURNISSENT UNE RESISTANCE AU  
LESSIVAGE ET UNE RESISTANCE AU  
BLOCAGE DANS DES COMPOSITIONS  
DE PEINTURE A CONCENTRATION  
PIGMENTAIRE VOLUMIQUE ELEVEE  
ET FAIBLE**  
[72] SCHUSTER, UTE, CH  
[72] EMELIE, BRIGITTE, FR  
[72] HIFF, THOMAS, FR  
[72] GOPSILL, CHRISTOPHER, CH  
[71] UNION CARBIDE CHEMICALS &  
PLASTICS TECHNOLOGY  
CORPORATION, US  
[85] 1999-08-03  
[86] 1998-02-04 (PCT/US98/02188)  
[87] 1998-08-06 (WO98/33831)  
[30] GB (9702241.2) 1997-02-04

[21] **2,279,497**  
[13] A1

[51] **Int.Cl. 6A61K 31/445**  
[25] EN  
[54] **THE USE OF LEVOBUPIVACAINE  
IN FACIAL SURGERY**  
[54] **UTILISATION DE  
LEVOBUPIVACAINE EN CHIRURGIE  
FACIALE**  
[72] GENNERY, BRIAN ALBERT, GB  
[71] DARWIN DISCOVERY LIMITED, GB  
[85] 1999-08-04  
[86] 1998-03-03 (PCT/GB98/00657)  
[87] 1998-09-11 (WO98/38996)  
[30] GB (9704352.5) 1997-03-03

[21] **2,279,498**  
[13] A1

[51] **Int.Cl. 6A61K 31/445**  
[25] EN  
[54] **THE USE OF LEVOBUPIVACAINE  
IN PAEDIATRIC SURGERY**  
[54] **UTILISATION DE LA  
LEVOBUPIVACAINE EN CHIRURGIE  
INFANTILE**  
[72] GENNERY, BRIAN ALBERT, GB  
[71] DARWIN DISCOVERY LIMITED, GB  
[85] 1999-08-04  
[86] 1998-03-03 (PCT/GB98/00664)  
[87] 1998-09-11 (WO98/38999)  
[30] GB (9704351.7) 1997-03-03

## Demandes PCT entrant en phase nationale

[21] **2,279,500**  
[13] A1

[51] **Int.Cl. 6C04B 35/628 6C01B 21/064 6C04B 35/80 6C04B 41/87**  
[25] FR  
[54] **PREFORMES FIBREUSES GAINÉES D'UN REVÊTEMENT EN NITRURE DE BORE, COMPOSITES LES INCORPORANT ET LEURS PRÉPARATIONS**  
[54] **TEXTILE PREFORMS SHEATHED IN A BORON NITRIDE COATING, COMPOSITES INCORPORATING THEM AND THEIR PREPARATION**  
[72] CAVALIER, JEAN CLAUDE, FR  
[72] JOUIN, JEAN-MARIE, FR  
[72] ROPARS, MARCEL, FR  
[72] PARLIER, MICHEL, FR  
[72] FRAMERY, ERIC, FR  
[72] VAULTIER, MICHEL, FR  
[71] SOCIÉTÉ NATIONALE D'ÉTUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION - S.N., FR  
[85] 1999-06-23  
[86] 1997-12-24 (PCT/FR97/02423)  
[87] 1998-07-09 (WO98/29355)  
[30] FR (96 16104) 1996-12-27

[21] **2,279,502**  
[13] A1

[51] **Int.Cl. 6A01N 43/16**  
[25] EN  
[54] **METHOD FOR TREATING COTYLEDONOUS PLANTS**  
[54] **PROCEDE DESTINE A TRAITER LES PLANTES COTYLEDONEES**  
[72] BJORNSON, AUGUST S., US  
[72] HEINSOHN, GEORGE E., US  
[71] DCV, INC., US  
[85] 1999-08-03  
[86] 1998-02-12 (PCT/US98/02725)  
[87] 1998-08-13 (WO98/34464)  
[30] US (08/799,741) 1997-02-12

[21] **2,279,503**  
[13] A1

[51] **Int.Cl. 6C08F 8/44 6C08K 5/09**  
[25] EN  
[54] **MODIFIED-IONOMERS HAVING IMPROVED PROPERTIES AND PROCESSABILITY**  
[54] **IONOMERES MODIFIES PRESENTANT DES PROPRIETES ET DES POSSIBILITES DE MISE EN ŒUVRE AMELIOREES**  
[72] HAGMAN, JOHN FRANCIS, US  
[72] CHEN, JOHN CHU, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-08-03  
[86] 1998-02-18 (PCT/US98/03131)  
[87] 1998-08-20 (WO98/36003)  
[30] US (08/801,690) 1997-02-18  
[30] US (09/018,809) 1998-02-04

[21] **2,279,505**  
[13] A1

[51] **Int.Cl. 6B44C 1/22**  
[25] EN  
[54] **FORMATION OF SUPERCONDUCTING DEVICES USING A SELECTIVE ETCHING TECHNIQUE**  
[54] **FORMATION DE DISPOSITIFS SUPRACONDUCTEURS SELON UNE TECHNIQUE D'ATTAQUE SELECTIVE**  
[72] CHEN, MINGLING, US  
[72] MA, QIYUAN, US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 1999-08-03  
[86] 1998-01-21 (PCT/US98/01093)  
[87] 1998-08-06 (WO98/33665)  
[30] US (60/037,078) 1997-02-03

[21] **2,279,506**  
[13] A1

[51] **Int.Cl. 6G01N 33/569 6G01N 30/72**  
[25] EN  
[54] **RAPID DETECTION OF MYCOBACTERIUM TUBERCULOSIS**  
[54] **DETECTION RAPIDE DU MYCOBACTERIUM TUBERCULOSIS**  
[72] O'HAGAN, MICHAEL, US  
[72] HEROLD, CHRISTOPHER D., US  
[71] O'HAGAN, MICHAEL, US  
[71] HEROLD, CHRISTOPHER D., US  
[85] 1999-08-03  
[86] 1997-02-07 (PCT/US97/01844)  
[87] 1997-08-14 (WO97/29374)  
[30] US (08/598,255) 1996-02-08

[21] **2,279,508**  
[13] A1

[51] **Int.Cl. 6B29C 65/22**  
[25] EN  
[54] **EASY-MOUNT SEALING ELEMENT FOR PACKAGING MACHINES**  
[54] **ELEMENT SCELLANT FACILE A MONTER POUR MACHINES D'EMBALLAGE**  
[72] RILEY, DAVID CLIFFORD, CA  
[72] KING, DAVID CAMPBELL, CA  
[71] DUPONT CANADA INC., CA  
[85] 1999-08-03  
[86] 1998-02-02 (PCT/CA98/00066)  
[87] 1998-08-13 (WO98/34776)  
[30] US (60/038,211) 1997-02-06  
[30] US (09/016,522) 1998-01-30

[21] **2,279,510**  
[13] A1

[51] **Int.Cl. 6C07C 51/265 6B01J 14/00 6C07C 63/26**  
[25] EN  
[54] **PRODUCTION OF TEREPHTHALIC ACID**  
[54] **PRODUCTION D'ACIDE TEREPHTHALIQUE**  
[72] ROYALL, DAVID JOHN, GB  
[72] JONES, GRAHAM HOWARD, GB  
[72] HUGALL, DUNCAN STUART, GB  
[72] TURNER, JOHN ARTHUR, GB  
[72] WOODCOCK, DUNCAN CHARLES, GB  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-08-03  
[86] 1998-02-19 (PCT/GB98/00528)  
[87] 1998-09-03 (WO98/38150)  
[30] GB (9703897.0) 1997-02-27  
[30] US (60/039,662) 1997-02-28

[21] **2,279,511**  
[13] A1

[51] **Int.Cl. 6C11B 7/00 6A23D 9/007**  
[25] EN  
[54] **FRACTIONATION OF TRIGLYCERIDE FATS**  
[54] **FRACTIONNEMENT DE GRAISSES DE TRIGLYCERIDES**  
[72] VAN DAM, PETRUS HENRICUS J., NL  
[72] ESHUIS, JOHAN JAN W., NL  
[72] NOOMEN, SYLVIA, NL  
[72] HOGERVORST, WIM, NL  
[71] UNILEVER PLC, GB  
[85] 1999-08-03  
[86] 1998-01-23 (PCT/EP98/00530)  
[87] 1998-08-13 (WO98/35001)  
[30] EP (97200325.5) 1997-02-06

## PCT Applications Entering the National Phase

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[21] **2,279,512**  
[13] A1

[51] **Int.Cl. 6F16K 47/02**  
[25] EN  
[54] **FLUID PRESSURE REDUCTION DEVICE**  
[54] **DISPOSITIF DE REDUCTION DE PRESSION DE FLUIDE**  
[72] ANDERSON, MICHAEL M., US  
[72] BAUMANN, HANS D., US  
[72] GETHMANN, DOUGLAS P., US  
[72] SCHAFBUCH, PAUL J., US  
[72] KOESTER, DAVID J., US  
[71] FISHER CONTROLS INTERNATIONAL, INC., US  
[85] 1999-08-03  
[86] 1998-01-28 (PCT/US98/01072)  
[87] 1998-08-06 (WO98/34057)  
[30] US (08/794,470) 1997-02-04

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[21] **2,279,513**  
[13] A1

[51] **Int.Cl. 6A01N 25/30 6A01N 25/14**  
[25] EN  
[54] **AGROCHEMICAL SURFACTANT COMPOSITIONS**  
[54] **COMPOSITIONS TENSIOACTIVES AGROCHIMIQUES**  
[72] REEKMANS, STEVEN IRENE JOZEF, BE  
[72] AUDA, MAHROUSSA, BE  
[72] HARTMANN, FRANK DIRK JOZEF, BE  
[71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB  
[85] 1999-08-03  
[86] 1998-02-13 (PCT/GB98/00459)  
[87] 1998-08-20 (WO98/35553)  
[30] GB (9703054.8) 1997-02-14

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[21] **2,279,515**  
[13] A1

[51] **Int.Cl. 6C08F 4/60 6C08F 10/00**  
[25] EN  
[54] **POLYMERIZATION CATALYST SYSTEMS COMPRISING HETEROCYCLIC FUSED CYCLOPENTADIENIDE LIGANDS**  
[54] **SYSTEMES DE CATALYSEURS DE POLYMERISATION COMPRENANT DES LIGANDS DE CYCLOPENTADIENIDE CONDENSES HETEROCYCLIQUES**  
[72] FISCHER, RICHARD A., US  
[72] TEMME, ROLF B., DE  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 1999-07-26  
[86] 1998-02-24 (PCT/US98/03622)  
[87] 1998-08-27 (WO98/37106)  
[30] US (08/806,181) 1997-02-25  
[30] US (08/999,214) 1997-12-29

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[21] **2,279,516**  
[13] A1

[51] **Int.Cl. 6C08K 3/20**  
[25] EN  
[54] **EPOXY-POLYSILOXANE POLYMER COMPOSITION**  
[54] **COMPOSITION POLYMERE EPOXY-POLYSILOXANE**  
[72] ROJAS, J. LUIS, US  
[72] MOWRER, NORMAN R., US  
[72] FOSCANTE, RAYMOND E., US  
[71] AMERON INTERNATIONAL CORPORATION, US  
[85] 1999-07-26  
[86] 1997-05-06 (PCT/US97/07594)  
[87] 1998-07-30 (WO98/32792)  
[30] US (08/790,730) 1997-01-27

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[21] **2,279,517**  
[13] A1

[51] **Int.Cl. 6A61K 39/395**  
[25] EN  
[54] **METHOD AND COMPOSITIONS FOR PREVENTING AND TREATING THE SYSTEMIC INFLAMMATORY RESPONSE SYNDROME INCLUDING SEPSIS**  
[54] **PROCEDE ET COMPOSITIONS POUR PREVENIR ET TRAITER LE SYNDROME DE LA REACTION INFLAMMATOIRE SYSTEMIQUE, Y COMPRIS LA SEPTICEMIE**  
[72] NYLEN, ERIC S., US  
[72] WHITE, JON C., US  
[72] BECKER, KENNETH L., US  
[72] SNIDER, RICHARD H., JR., US  
[71] ENDOCRINOLOGY ASSOCIATES-CANADA LLC, US  
[85] 1999-08-02  
[86] 1998-01-29 (PCT/US98/00985)  
[87] 1998-08-06 (WO98/33524)  
[30] US (08/794,740) 1997-02-03

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[21] **2,279,519**  
[13] A1

[51] **Int.Cl. 6C08F 8/32 6C08F 293/00 6C08G 18/00 6C08G 63/00 6C08G 64/00 6C08G 65/00**  
[25] EN  
[54] **CONVERGENT SELF-BRANCHING POLYMERIZATION**  
[54] **POLYMERISATION A RAMIFICATION AUTONOME CONVERGENTE**  
[72] DUNHAM, JAMIE A., US  
[72] TOMALIA, DONALD A., US  
[72] QIN, DUJIE, US  
[72] YIN, RUI, US  
[71] OXAZOGEN, INC., US  
[85] 1999-08-03  
[86] 1998-02-17 (PCT/US98/02838)  
[87] 1998-08-20 (WO98/36001)  
[30] US (60/038,727) 1997-02-18

## Demandes PCT entrant en phase nationale

[21] **2,279,520**  
[13] A1

[51] **Int.Cl. 6C08L 67/02 6D01D 5/253 6D01F 6/84**  
[25] EN  
[54] **LOW PILL POLYESTER**  
[54] **POLYESTER A FAIBLE BOULOCHAGE**  
[72] SNYDER, ADRIAN CHARLES, US  
[72] EDMUNDSON, ROBERT LEE, US  
[72] ANEJA, ARUN PAL, US  
[72] ANDERSON, HARVEY GENE, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-08-03  
[86] 1998-02-05 (PCT/US98/02042)  
[87] 1998-08-20 (WO98/36027)  
[30] US (08/799,514) 1997-02-12

[21] **2,279,521**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38 6H04Q 7/22 6H04B 7/26**  
[25] EN  
[54] **PACKET CONTROL CHANNEL FEEDBACK SUPPORT FOR CONTENTION AND RESERVATION BASED ACCESS**  
[54] **UTILISATION DU CANAL RETOUR DE COMMANDE DE PAQUET POUR LA GESTION DES ACCES PAR CONFLIT D'ACCES ET RESERVATION**  
[72] LARSSON, JOHAN, SE  
[72] DIACHINA, JOHN, US  
[72] RAITH, ALEX KRISTER, US  
[72] RAGSDALE, JIM, US  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-08-03  
[86] 1998-01-30 (PCT/SE98/00137)  
[87] 1998-08-13 (WO98/35523)  
[30] US (08/796,110) 1997-02-05

[21] **2,279,522**  
[13] A1

[51] **Int.Cl. 6A61K 9/12 6A61K 9/00 6A61K 45/08 6A61K 47/34 6A61K 9/72**  
[25] EN  
[54] **BIOCOMPATIBLE COMPOUNDS FOR PHARMACEUTICAL DRUG DELIVERY SYSTEMS**  
[54] **COMPOSES BIOCOMPATIBLES DESTINES A DES SYSTEMES D'APPORT DE MEDICAMENTS**  
[72] STEFELY, JAMES S., US  
[72] LEACH, CHESTER L., US  
[72] PERMAN, CRAIG A., US  
[72] DUAN, DANIEL C., US  
[72] SCHALLINGER, LUKE E., US  
[72] SCHULTZ, DAVID W., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-08-03  
[86] 1998-02-04 (PCT/US98/00074)  
[87] 1998-08-13 (WO98/34596)  
[30] US (08/797,803) 1997-02-07

[21] **2,279,523**  
[13] A1

[51] **Int.Cl. 6B23G 5/20**  
[25] EN  
[54] **A THREAD MILLING CUTTER WITH DRILLING EDGES**  
[54] **FRAISE DENTEE POUR FILETAGE**  
[72] NISHIKAWA, TSUNEO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[85] 1999-08-04  
[86] 1998-12-11 (PCT/JP98/05595)  
[87] 1999-06-17 (WO99/29457)  
[30] JP (362232/1997) 1997-12-11

[21] **2,279,524**  
[13] A1

[51] **Int.Cl. 6D21C 1/00 6D21B 1/02**  
[25] EN  
[54] **PROCESS FOR PRODUCING FIBROUS MATERIALS WITH IMPROVED PROPERTIES**  
[54] **PROCEDE DE FABRICATION DE MATIERES FIBREUSES A PROPRIETES AMELIOREES**  
[72] VON MEDVEY, INGO, DE  
[72] WERRES, JOACHIM, DE  
[72] HÄNSSLE, PETER, DE  
[72] RAJCSANYI, THOMAS, DE  
[71] STOCKHAUSEN GMBH & CO. KG, DE  
[85] 1999-08-03  
[86] 1998-01-21 (PCT/EP98/00304)  
[87] 1998-08-06 (WO98/33970)  
[30] DE (197 04 054.3) 1997-02-04

[21] **2,279,526**  
[13] A1

[51] **Int.Cl. 6A61C 8/00 6A61F 2/28**  
[25] EN  
[54] **BONE ANCHORING ELEMENT**  
[54] **ELEMENT D'ANCRAGE DANS L'OS**  
[72] LUNDGREN, DAN, SE  
[71] NOBEL BIOCARE AB, SE  
[85] 1999-08-03  
[86] 1997-02-25 (PCT/SE97/00314)  
[87] 1998-08-27 (WO98/36701)

[21] **2,279,527**  
[13] A1

[51] **Int.Cl. 6E04B 1/22 6E01D 19/00 6E04C 5/08**  
[25] EN  
[54] **PRESTRESSED CONCRETE STRUCTURE, REINFORCING MEMBER USED FOR PRESTRESSED CONCRETE MOLDINGS, AND SHEET MATERIAL FOR REINFORCING MEMBERS**  
[54] **STRUCTURE EN BETON PRECONTRAINTE, ELEMENT DE RENFORT UTILISE POUR MOULURES EN BETON PRECONTRAINTE ET MATERIAU EN FEUILLES POUR ELEMENTS DE RENFORT**  
[72] YANAGI, YOUJI, JP  
[72] KIDERA, AKIRA, JP  
[72] SUGIMOTO, MORIHIKO, JP  
[71] JAPAN PRESTRESSED CONCRETE CONSTRUCTORS ASSOCIATION, JP  
[71] TEIJIN LIMITED, JP  
[85] 1999-08-03  
[86] 1998-08-28 (PCT/JP98/03861)  
[87] 1999-06-17 (WO99/29974)  
[30] JP (9/350198) 1997-12-05  
[30] JP (10/113655) 1998-04-23

## PCT Applications Entering the National Phase

[21] **2,279,528**  
[13] A1

[51] **Int.Cl. 6G05D 1/02 6B61L 27/00**  
[25] EN  
[54] **COMMUNICATION BASED VEHICLE POSITIONING REFERENCE SYSTEM**  
[54] **SYSTEME DE REFERENCE POUR LE POSITIONNEMENT D'UN VEHICULE FONDE SUR LA COMMUNICATION**  
[72] GRECO, JOSEPH A., II, US  
[72] WALSH, ROBERT E., US  
[71] ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH, DE  
[85] 1999-08-03  
[86] 1998-02-02 (PCT/IB98/00366)  
[87] 1998-08-06 (WO98/34166)  
[30] US (08/794,617) 1997-02-03

[21] **2,279,529**  
[13] A1

[51] **Int.Cl. 6B41M 1/18 6B41M 1/20 6G03F 5/22 6H04N 1/52**  
[25] EN  
[54] **METHOD FOR APPLICATION OF COLOURS AND TONALITIES TO VARIOUS SURFACES**  
[54] **PROCEDE POUR L'APPLICATION DE COULEURS ET DE TONALITES SUR DIFFERENTES SURFACES**  
[72] CARRASCO MARTINEZ, VINCENTE, ES  
[71] TRUETONE S.L., ES  
[85] 1999-08-03  
[86] 1998-02-04 (PCT/ES98/00023)  
[87] 1998-08-13 (WO98/34793)  
[30] ES (P 9700231) 1997-02-05

[21] **2,279,530**  
[13] A1

[51] **Int.Cl. 6A61K 51/00 6A61K 51/08**  
[25] EN  
[54] **METHOD FOR THE DETECTION AND LOCALIZATION OF MALIGNANT HUMAN TUMOURS**  
[54] **PROCEDE SERVANT A DETECTER ET A LOCALISER DES TUMEURS MALIGNES HUMAINES**  
[72] REUBLI, J. C., CH  
[71] MALLINCKRODT INC., US  
[85] 1999-08-03  
[86] 1998-02-02 (PCT/US98/01964)  
[87] 1998-08-06 (WO98/33531)  
[30] EP (97200297.6) 1997-02-03

[21] **2,279,531**  
[13] A1

[51] **Int.Cl. 6A61K 31/46**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT OF SYNAPTIC DYSFUNCTION COMPRISING AN OXIME**  
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE L'OXIME, POUR LE TRAITEMENT DE DYSFONCTIONNEMENT SYNAPTIQUE**  
[72] VINER, NORMAN M., CA  
[71] SYNAPSE PHARMACEUTICALS INTERNATIONAL, INC., CA  
[85] 1999-08-03  
[86] 1998-02-05 (PCT/CA98/00094)  
[87] 1998-08-13 (WO98/34615)  
[30] US (08/797,251) 1997-02-07  
[30] US (08/795,247) 1997-02-10  
[30] US (08/801,801) 1997-02-14  
[30] US (08/801,802) 1997-02-14  
[30] US (08/803,719) 1997-02-21  
[30] US (08/803,721) 1997-02-21  
[30] US (08/803,722) 1997-02-21  
[30] US (08/803,723) 1997-02-21  
[30] US (08/807,273) 1997-02-28

[21] **2,279,532**  
[13] A1

[51] **Int.Cl. 6B65D 88/16**  
[25] EN  
[54] **CONTAINER BAG**  
[54] **SAC CONTENEUR**  
[72] FUTERMAN, CHARLES SIDNEY, GB  
[71] REXAM MULOX LIMITED, GB  
[85] 1999-08-03  
[86] 1998-01-27 (PCT/GB98/00232)  
[87] 1998-08-13 (WO98/34854)  
[30] GB (9702574.6) 1997-02-07

[21] **2,279,533**  
[13] A1

[51] **Int.Cl. 6C08K 3/20 6C08K 5/00 6C08L 15/02 6C08K 3/26**  
[25] EN  
[54] **STABILIZATION OF HALOGENATED RUBBER**  
[54] **STABILISATION DE CAOUTCHOUC HALOGENE**  
[72] CHUNG, DAVID YEN-LUN, US  
[72] CHEE, CHIA SHIAN, US  
[72] YEH, RICHARD CHENG-MING, US  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 1999-08-04  
[86] 1998-02-23 (PCT/US98/03500)  
[87] 1998-09-11 (WO98/39380)  
[30] US (08/811,795) 1997-03-06

[21] **2,279,535**  
[13] A1

[51] **Int.Cl. 6C08B 37/00 6A61L 33/00 6C08B 37/08 6A61K 31/725**  
[25] EN  
[54] **DERMATAN DISULFATE, AN INHIBITOR OF THROMBIN GENERATION AND COMPLEMENT ACTIVATION**  
[54] **LE BISULFATE DE DERMATAN, INHIBITEUR DE LA PRODUCTION DE THROMBINE, ET DE L'ACTIVATION DU COMPLEMENT**  
[72] VAN GORP, CORNELIUS L., US  
[72] BUCHANAN, MICHAEL R., CA  
[72] LINHARDT, ROBERT J., US  
[72] BRISTER, STEPHANIE J., CA  
[71] INTIMAX CORPORATION, US  
[85] 1999-08-03  
[86] 1997-07-03 (PCT/US97/11750)  
[87] 1998-08-13 (WO98/34959)  
[30] US (08/795,099) 1997-02-06

[21] **2,279,536**  
[13] A1

[51] **Int.Cl. 6C08L 23/16 6C08J 5/18**  
[25] EN  
[54] **LLDPE BLENDS WITH AN ETHYLENE-NORBORNENE COPOLYMER FOR RESINS OF IMPROVED TOUGHNESS AND PROCESSIBILITY FOR FILM PRODUCTION**  
[54] **MELANGES DE POLYETHYLENE LINEAIRE A FAIBLE DENSITE (LLDPE) AVEC UN COPOLYMERE D'ETHYLENE-NORBORNENE POUR DES RESINES A TENACITE ET APTITUDE A LA MISE EN OEUVRE AMELIOREES POUR LA PRODUCTION DE FILMS**  
[72] CHOW, WAI-YAN, US  
[72] ARJUNAN, PALANISAMY, US  
[72] YANG, HENRY WU-HSIANG, US  
[72] HARRINGTON, BRUCE A., US  
[72] WANG, YU FENG, US  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 1999-08-04  
[86] 1998-03-13 (PCT/US98/04952)  
[87] 1998-10-08 (WO98/44043)  
[30] US (08/831,510) 1997-03-31

## Demandes PCT entrant en phase nationale

[21] **2,279,537**  
[13] A1

[51] **Int.Cl. 6C08L 23/16 6C08J 5/18 6B32B 27/32**  
[25] EN  
[54] **HEAT SEALABLE FILMS**  
[54] **FILMS THERMOUSOUDABLES**  
[72] DONALD, FIONA, BE  
[72] ESPEEL, PATRICK, BE  
[72] VAN LOON, ACHIEL JOSEPHUS MARIA, BE  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 1999-08-03  
[86] 1998-02-24 (PCT/US98/03600)  
[87] 1998-08-27 (WO98/37141)  
[30] US (08/806,182) 1997-02-25

[21] **2,279,538**  
[13] A1

[51] **Int.Cl. 6H03H 7/06**  
[25] EN  
[54] **PASSIVE ANALOG FILTER FOR NETWORK INTERFACE**  
[54] **FILTRE ANALOGIQUE PASSIF POUR INTERFACE DE RESEAU**  
[72] CURTIS, ROBERT, US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 1999-08-03  
[86] 1998-02-03 (PCT/US98/02278)  
[87] 1998-08-06 (WO98/34344)  
[30] US (08/796,072) 1997-02-05

[21] **2,279,539**  
[13] A1

[51] **Int.Cl. 6G01V 3/08 6E21B 47/022 6E21B 7/04 6G01V 3/26**  
[25] EN  
[54] **NEAR FIELD ELECTROMAGNETIC PROXIMITY DETERMINATION**  
[54] **DETERMINATION DE PROXIMITE ELECTROMAGNETIQUE DANS LE CHAMP PROCHE**  
[72] KUCKES, ARTHUR F., US  
[71] VECTOR MAGNETICS, INC., US  
[85] 1999-08-04  
[86] 1998-03-27 (PCT/US98/04327)  
[87] 1998-10-15 (WO98/45733)  
[30] US (60/042,669) 1997-04-04

[21] **2,279,540**  
[13] A1

[51] **Int.Cl. 6H02K 29/00 6H02P 6/08 6H02P 6/18**  
[25] EN  
[54] **BRUSHLESS DC MOTOR CONTROL**  
[54] **COMMANDE DE MOTEUR A CC SANS BALAI**  
[72] BOYD, JOHN H., US  
[72] DUNCAN, GERALD, US  
[72] PERRY, MICHAEL THOMAS GEORGE, US  
[71] FISHER & PAYKEL LIMITED, NZ  
[85] 1999-08-04  
[86] 1998-02-05 (PCT/NZ98/00012)  
[87] 1998-08-13 (WO98/35428)  
[30] NZ (314195) 1997-02-05

[21] **2,279,541**  
[13] A1

[51] **Int.Cl. 6C07C 211/50 6B09B 3/00 6C07C 209/62**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DECOMPOSING AND RECOVERING ISOCYANATE COMPOUND**  
[54] **APPAREIL ET PROCEDE DE DECOMPOSITION ET DE RECUPERATION DE COMPOSE ISOCYANATE**  
[72] KODAMA, KATSUHISA, JP  
[72] SUZUKI, SHIGETOSHI, JP  
[72] NAITO, TAKAO, JP  
[72] YAMAGATA, MASAHIRO, JP  
[72] FUKUZATO, RYUICHI, JP  
[72] MATSUDA, TERUKAZU, JP  
[72] NISHIDA, SATOSHI, JP  
[72] KATO, OSAMU, JP  
[72] NAGASE, YOSHIYUKI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO, JP  
[85] 1999-08-04  
[86] 1998-02-04 (PCT/JP98/00450)  
[87] 1998-08-13 (WO98/34904)  
[30] JP (9-22998) 1997-02-05  
[30] JP (9-119798) 1997-05-09

[21] **2,279,542**  
[13] A1

[51] **Int.Cl. 6A01N 63/00 6A61K 48/00 6C12N 5/00 6C12N 9/00 6A01N 43/04 6C12N 5/06 6C12N 5/08 6C12N 5/10**  
[25] EN  
[54] **TOLERANCE TO NATURAL ANTIBODY ANTIGENS**  
[54] **TOLERANCE A DES ANTIGENES D'ANTICORPS NATURELS**  
[72] IACOMINI, JOHN J., US  
[72] DER SIMONIAN, HAROUT, US  
[72] SACHS, DAVID H., US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[85] 1999-08-04  
[86] 1998-02-05 (PCT/US98/02141)  
[87] 1998-08-06 (WO98/33387)  
[30] US (08/796,663) 1997-02-05

[21] **2,279,544**  
[13] A1

[51] **Int.Cl. 6A61K 47/48**  
[25] EN  
[54] **INDUCTION OF B CELL TOLERANCE**  
[54] **INDUCTION D'UNE TOLERANCE AUX CELLULES B**  
[72] THALL, ARON, US  
[71] BIOTRANSPLANT, INC., US  
[85] 1999-08-03  
[86] 1998-02-05 (PCT/US98/02103)  
[87] 1998-08-06 (WO98/33528)  
[30] US (08/795,925) 1997-02-05

[21] **2,279,545**  
[13] A1

[51] **Int.Cl. 6A61C 9/00 6A61C 13/00 6A61C 11/08**  
[25] EN  
[54] **DENTAL CASTING MOLD DEVICE**  
[54] **MOULE DE DENTISTERIE**  
[72] MICHAEL, ROBERT M., US  
[71] CERAMCO INC., US  
[85] 1999-08-04  
[86] 1998-02-09 (PCT/US98/02490)  
[87] 1998-08-20 (WO98/35629)  
[30] US (60/038,733) 1997-02-14

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/30</b> [25] EN [54] <b>INTELLIGENT NETWORK BROWSER USING INCREMENTAL CONCEPTUAL INDEXER</b> [54] <b>EXPLORATEUR DE RESEAU INTELLIGENT UTILISANT UN INDEXEUR CONCEPTUEL INCREMENTIEL</b> [72] AMBROZIAK, JACEK R., US [71] SUN MICROSYSTEMS, INC., US [85] 1999-08-04 [86] 1998-01-30 (PCT/US98/01588) [87] 1998-08-13 (WO98/35304) [30] US (08/797,630) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,279,550</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/03 6A01H 4/00 6A61K 39/00 6C12N 15/05</b> [25] EN [54] <b>ENHANCEMENT OF GROWTH IN PLANTS</b> [54] <b>STIMULATION DE LA CROISSANCE VEGETALE</b> [72] QIU, DEWEN, US [72] BEER, STEVEN V., US [72] WEI, ZHONG-MIN, US [71] CORNELL RESEARCH FOUNDATION, INC., US [85] 1999-07-27 [86] 1998-01-27 (PCT/US98/01507) [87] 1998-07-30 (WO98/32844) [30] US (60/036,048) 1997-01-27</p>	<p style="text-align: right;">[21] <b>2,279,552</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/11 6C12N 15/62</b> [25] EN [54] <b>TISSUE SPECIFIC PROMOTERS</b> [54] <b>PROMOTEURS SPECIFIQUES DE TISSU</b> [72] MOLLOY, PETER LAURENCE, AU [71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU [85] 1999-08-02 [86] 1998-02-03 (PCT/AU98/00057) [87] 1998-08-06 (WO98/33903) [30] AU (PO 4923) 1997-02-03</p>
<p style="text-align: right;">[21] <b>2,279,547</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C07H 21/04 6A61K 45/05 6C12N 15/13 6A61K 38/18 6A61K 38/19 6C12N 15/19 6A61K 38/20 6C12N 15/24 6C12N 15/26 6C07K 16/28 6C07K 16/30 6C07K 16/32 6A61K 39/395 6C07K 16/46 6C07K 14/52 6C07K 14/54 6C07K 14/55 6C12N 15/63 6C07K 14/705</b> [25] EN [54] <b>CHIMERIC ANTIBODY FUSION PROTEINS FOR THE RECRUITMENT AND STIMULATION OF AN ANTITUMOR IMMUNE RESPONSE</b> [54] <b>PROTEINES DE FUSION D'ANTICORPS CHIMERIQUES UTILISEES POUR INDIUIRE ET STIMULER UNE REPONSE IMMUNITAIRE ANTITUMORALE</b> [72] SHIN, SEUNG-UON, US [72] MORRISON, SHERIE, US [72] CHALLITA-EID, PIA, US [72] ABBOD, CAMILLE N., US [72] ROSENBLATT, JOSEPH D., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [71] UNIVERSITY OF ROCHESTER, US [85] 1999-07-30 [86] 1998-01-30 (PCT/US98/01785) [87] 1998-08-06 (WO98/33914) [30] US (60/037,256) 1997-01-31 [30] US (60/064,018) 1997-11-03</p>	<p style="text-align: right;">[21] <b>2,279,551</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/63 6C12N 5/10 6C07K 14/47 6C12Q 1/68</b> [25] EN [54] <b>REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE LUNG</b> [54] <b>REACTIFS ET PROCEDES UTILES POUR DETECTER DES MALADIES DU POUMON</b> [72] GORDON, JULIAN, US [72] BILLING-MEDEL, PATRICIA A., US [72] HODGES, STEVEN C., US [72] RUSSELL, JOHN C., US [72] GRANADOS, EDWARD N., US [72] COHEN, MAURICE, US [72] ROBERTS-RAPP, LISA, US [72] COLPITTS, TRACEY L., US [72] STROUPE, STEVEN D., US [72] KRATOCHVIL, JON D., US [72] KLASS, MICHAEL R., US [72] FRIEDMAN, PAULA N., US [71] ABBOTT LABORATORIES, US [85] 1999-07-29 [86] 1998-01-30 (PCT/US98/01766) [87] 1998-08-06 (WO98/33926) [30] US (08/791,710) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,554</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A01K 67/027 6C12N 15/10 6C07K 16/24 6G01N 33/50 6C07K 14/52 6C12N 15/62 6C12Q 1/68</b> [25] EN [54] <b>VASCULAR ENDOTHELIAL GROWTH FACTOR C (VEGF-C) PROTEIN AND GENE, MUTANTS THEREOF, AND USES THEREOF</b> [54] <b>PROTEINE ET GENE DU FACTEUR DE CROISSANCE VASCULAIRE ENDOTHELIAL C (VEGF-C), MUTANTS DE CE DERNIER ET UTILISATIONS</b> [72] ALITALO, KARI, FI [72] JOUKOV, VLADIMIR, US [71] HELSINKI UNIVERSITY LICENSING LTD., FI [71] THE LUDWIG INSTITUTE FOR CANCER RESEARCH, US [85] 1999-08-03 [86] 1998-02-02 (PCT/US98/01973) [87] 1998-08-06 (WO98/33917) [30] US (08/795,430) 1997-02-05</p>

## Demandes PCT entrant en phase nationale

[21] **2,279,555**  
[13] A1  
[51] **Int.Cl. 6C07K 14/47 6G01N 33/68**  
[25] EN  
[54] **AMYLOID BETA PROTEIN (GLOBULAR ASSEMBLY AND USES THEREOF)**  
[54] **PROTEINE AMYLOIDE BETA (ENSEMBLE GLOBULAIRE ET SES UTILISATIONS)**  
[72] LAMBERT, MARY P., US  
[72] KLEIN, WILLIAM L., US  
[72] CHROMY, BRETT A., US  
[72] FINCH, CALEB E., US  
[72] WALS, PAT, US  
[72] MORGAN, TODD, US  
[72] ROZOVSKY, IRINA, US  
[72] BARLOW, ANN, US  
[72] KRAFFT, GRANT A., US  
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US  
[71] NORTHWESTERN UNIVERSITY, US  
[85] 1999-08-03  
[86] 1998-02-05 (PCT/US98/02426)  
[87] 1998-08-06 (WO98/33815)  
[30] US (08/796,089) 1997-02-05

[21] **2,279,571**  
[13] A1  
[51] **Int.Cl. 6G01N 33/53**  
[25] EN  
[54] **ELECTROCHEMICAL PROBES FOR DETECTION OF MOLECULAR INTERACTIONS AND DRUG DISCOVERY**  
[54] **SONDES ELECTROCHIMIQUES POUR LA DETECTION D'INTERACTIONS MOLECULAIRES ET LA MISE AU POINT DE MEDICAMENTS**  
[72] FOWLKES, DANA M., US  
[72] THORP, H. HOLDEN, US  
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US  
[71] XANTHON, INC., US  
[85] 1999-07-30  
[86] 1998-02-06 (PCT/US98/02440)  
[87] 1998-08-13 (WO98/35232)  
[30] US (60/036,919) 1997-02-06  
[30] US (60/059,049) 1997-09-15

[21] **2,279,573**  
[13] A1  
[51] **Int.Cl. 6C12N 5/00 6C12N 15/00 6C12N 15/09**  
[25] EN  
[54] **TRANSGENIC ANIMAL WITH RECOMBINANT VASCULAR ENDOTHELIAL GROWTH FACTOR B (VEGF-B) DNA AND USES THEREOF**  
[54] **ANIMAL TRANSGENIQUE AVEC ADN RECOMBINANT DU FACTEUR DE CROISSANCE DE L'ENDOTHELIUM VASCULAIRE B (VEGF-B), ET SES UTILISATIONS**  
[72] PEKNY, MILOS, SE  
[72] VON EULER, GABRIELLE, SE  
[72] GEBRE-MEDHIN, SAMUEL, SE  
[72] ERIKSSON, ULF, SE  
[72] BETSHOLTZ, CHRISTER, SE  
[72] LI, XURI, SE  
[72] AASE, KARIN, SE  
[71] THE LUDWIG INSTITUTE FOR CANCER RESEARCH, US  
[85] 1999-07-30  
[86] 1998-02-18 (PCT/US98/03212)  
[87] 1998-08-20 (WO98/36052)  
[30] US (60/038,202) 1997-02-18

[21] **2,279,574**  
[13] A1  
[51] **Int.Cl. 6G01N 15/02 6G01N 21/00**  
[25] EN  
[54] **OPTICAL APPARATUS**  
[54] **APPAREIL OPTIQUE**  
[72] SHARPE, JOHNATHAN, NZ  
[72] SCHAARE, PETER NIVEN, NZ  
[71] THE HORTICULTURE & FOOD RESEARCH INSTITUTE OF NEW ZEALAND LTD., NZ  
[85] 1999-07-30  
[86] 1998-02-02 (PCT/NZ98/00009)  
[87] 1998-08-06 (WO98/34094)  
[30] NZ (314169) 1997-01-31

[21] **2,279,575**  
[13] A1  
[51] **Int.Cl. 6C12N 15/19 6C12N 5/10 6A61K 38/19 6C07K 16/24 6C07K 14/52 6C12N 15/85**  
[25] EN  
[54] **HUMAN SDF-5 PROTEIN AND COMPOSITIONS**  
[54] **PROTEINES SDF-5 HUMAINES ET COMPOSITIONS ASSOCIEES**  
[72] LaVALLIE, EDWARD R., US  
[72] RACIE, LISA A., US  
[71] GENETICS INSTITUTE, INC., US  
[85] 1999-07-30  
[86] 1997-10-15 (PCT/US97/18369)  
[87] 1998-08-13 (WO98/35043)  
[30] US (08/796,153) 1997-02-06  
[30] US (08/848,439) 1997-05-08

[21] **2,279,576**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **A METHOD FOR IDENTIFYING THE SITE OF ACTION OF XENOBIOTIC CHEMICALS**  
[54] **PROCEDE POUR IDENTIFIER LE SITE D'ACTION D'AGENTS CHIMIQUES XENOBIOTIQUES**  
[72] LAROSSA, ROBERT ALAN, US  
[72] SMULSKI, DANA ROBIN, US  
[72] ELSEMORE, DAVID ALLEN, US  
[72] VAN DYK, TINA KANGAS, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-08-03  
[86] 1998-02-26 (PCT/US98/03684)  
[87] 1998-09-03 (WO98/38336)  
[30] US (60/039,582) 1997-02-28

[21] **2,279,577**  
[13] A1  
[51] **Int.Cl. 6A61K 48/00**  
[25] EN  
[54] **TREATMENT FOR URINARY INCONTINENCE USING GENE THERAPY TECHNIQUES**  
[54] **TRAITEMENT DE L'INCONTINENCE URINAIRE PAR DES TECHNIQUES DE THERAPIE GENIQUE**  
[72] COLEMAN, MICHAEL, US  
[71] VALENTIS, INC., US  
[85] 1999-08-03  
[86] 1998-02-04 (PCT/US98/02051)  
[87] 1998-08-06 (WO98/33529)  
[30] US (60/036,862) 1997-02-04



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,579</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A61K 39/00 6C07K 7/06 6C12N 15/06 6C07K 7/08 6A01N 37/44</b></p> <p>[25] EN</p> <p>[54] <b>INSECTICIDAL GENE AND PEPTIDE</b></p> <p>[54] <b>GENE ET PEPTIDE INSECTICIDES</b></p> <p>[72] SHAW, CHRISTOPHER, GB</p> <p>[71] BTG INTERNATIONAL LIMITED, GB</p> <p>[85] 1999-08-03</p> <p>[86] 1998-02-02 (PCT/GB98/00308)</p> <p>[87] 1998-08-06 (WO98/33906)</p> <p>[30] GB (9702189.3) 1997-02-04</p> <p>[30] GB (9725149.0) 1997-11-27</p>	<p style="text-align: right;">[21] <b>2,279,594</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/80</b></p> <p>[25] EN</p> <p>[54] <b>CALCAREOUS MATERIAL</b></p> <p>[54] <b>MATERIAU CALCAIRE</b></p> <p>[72] AUCHINCLOSS, LESLIE, GB</p> <p>[71] AQUACAL LIMITED, IE</p> <p>[85] 1999-07-30</p> <p>[86] 1998-02-03 (PCT/IB98/00142)</p> <p>[87] 1998-08-06 (WO98/33508)</p> <p>[30] GB (9702130.7) 1997-02-03</p>	<p style="text-align: right;">[21] <b>2,279,600</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B63B 22/02</b></p> <p>[25] EN</p> <p>[54] <b>SWIVEL DRIVE ARRANGEMENT</b></p> <p>[54] <b>DISPOSITIF D'ENTRAINEMENT PIVOTANT</b></p> <p>[72] POLLACK, JACK, MC</p> <p>[71] SINGLE BUOY MOORINGS INC., CH</p> <p>[85] 1999-07-30</p> <p>[86] 1998-12-02 (PCT/EP98/07799)</p> <p>[87] 1999-06-10 (WO99/28181)</p> <p>[30] EP (97203776.6) 1997-12-02</p>
<p style="text-align: right;">[21] <b>2,279,590</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 47/48 6A61K 31/59</b></p> <p>[25] EN</p> <p>[54] <b>TARGETED THERAPEUTIC DELIVERY OF VITAMIN D COMPOUNDS</b></p> <p>[54] <b>ADMINISTRATION THERAPEUTIQUE CIBLEE DE COMPOSES DE VITAMINE D</b></p> <p>[72] MAZESS, RICHARD B., US</p> <p>[72] BISHOP, CHARLES W., US</p> <p>[71] BONE CARE INTERNATIONAL, INC., US</p> <p>[85] 1999-07-30</p> <p>[86] 1998-02-13 (PCT/US98/02899)</p> <p>[87] 1998-08-20 (WO98/35704)</p> <p>[30] US (60/038,364) 1997-02-13</p>	<p style="text-align: right;">[21] <b>2,279,596</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 5/14 6H04B 1/707</b></p> <p>[25] EN</p> <p>[54] <b>PHASE DETECTOR FOR A PREDETERMINED INCOMING DATA SEQUENCE</b></p> <p>[54] <b>DETECTEUR DE PHASE POUR UNE SEQUENCE DE DONNEES D'ENTREE</b></p> <p>[72] GREEN, THOMAS DAVID, GB</p> <p>[72] MRSIC-FLOGEL, JANKO, GB</p> <p>[72] SOJAT, ZORISLAV, GB</p> <p>[71] SYMMETRICOM, INC., US</p> <p>[85] 1999-07-30</p> <p>[86] 1998-02-02 (PCT/IB98/00210)</p> <p>[87] 1998-08-06 (WO98/34128)</p> <p>[30] GB (9702129.9) 1997-02-03</p>	<p style="text-align: right;">[21] <b>2,279,602</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04R 9/06 6H04R 9/18</b></p> <p>[25] EN</p> <p>[54] <b>ELECTRO-DYNAMIC EXCITER</b></p> <p>[54] <b>EXCITATEUR ELECTRODYNAMIQUE</b></p> <p>[72] AZIMA, HENRY, GB</p> <p>[72] JARVIS, EDWARD, GB</p> <p>[72] ROBERTS, MARTIN, GB</p> <p>[71] NEW TRANSDUCERS LIMITED, GB</p> <p>[85] 1999-07-30</p> <p>[86] 1998-01-30 (PCT/GB98/00307)</p> <p>[87] 1998-08-06 (WO98/34320)</p> <p>[30] GB (9701983.0) 1997-01-31</p>
<p style="text-align: right;">[21] <b>2,279,593</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 19/24 6F28D 9/00 6C10G 9/00 6B01J 12/00 6B01J 8/02 6C07C 5/32 6C01B 3/34 6C01B 3/38</b></p> <p>[25] EN</p> <p>[54] <b>A METHOD OF PROVIDING HEAT</b></p> <p>[54] <b>PROCEDE SERVANT A PRODUIRE DE LA CHALEUR</b></p> <p>[72] GOUGH, ARTHUR, GB</p> <p>[71] BG PLC, GB</p> <p>[85] 1999-07-30</p> <p>[86] 1998-01-30 (PCT/GB98/00299)</p> <p>[87] 1998-08-06 (WO98/33587)</p> <p>[30] GB (9702114.1) 1997-02-01</p>	<p style="text-align: right;">[21] <b>2,279,598</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 27/90</b></p> <p>[25] EN</p> <p>[54] <b>APPARATUS FOR DETERMINING PROPERTIES OF AN ELECTRICALLY CONDUCTIVE OBJECT</b></p> <p>[54] <b>PROCEDE DE DETERMINATION DES PROPRIETES D'UN OBJET ELECTROCONDUCTEUR</b></p> <p>[72] de HAAN, VICTOR OTTO, NL</p> <p>[71] RÿNTGEN TECHNISCHE DIENST B.V., NL</p> <p>[85] 1999-07-30</p> <p>[86] 1998-02-02 (PCT/NL98/00065)</p> <p>[87] 1998-08-06 (WO98/34104)</p> <p>[30] NL (1005160) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,603</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63G 31/00</b></p> <p>[25] EN</p> <p>[54] <b>INTERACTIVE ARENA PLAY STRUCTURE</b></p> <p>[54] <b>STRUCTURE DE JEU INTERACTIVE POUR PARC</b></p> <p>[72] BRIGGS, RICK A., US</p> <p>[71] BRIGGS, RICK A., US</p> <p>[85] 1999-07-30</p> <p>[86] 1998-12-14 (PCT/US98/26549)</p> <p>[87] 1999-07-01 (WO99/32202)</p> <p>[30] US (60/068,181) 1997-12-19</p> <p>[30] US (09/154,259) 1998-09-16</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,617</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 57/20 6A01N 35/02</b> [25] EN [54] <b>PROCESS AND COMPOSITIONS FOR ENHANCING RELIABILITY OF EXOGENOUS CHEMICAL SUBSTANCES APPLIED TO PLANTS</b> [54] <b>PROCEDE ET COMPOSITIONS PERMETTANT D'ACCROITRE LA FIABILITE DE SUBSTANCES CHIMIQUES EXOGENES QUE L'ON APPLIQUE SUR LES PLANTES</b> [72] WRIGHT, DANIEL R., US [72] WARNER, JAMES M., US [72] WIDEMAN, AL S., US [72] SANDBRINK, JOSEPH J., US [72] RAYMOND, PETER J., US [72] BRINKER, RONALD J., US [72] GILLESPIE, JANE L., US [71] MONSANTO COMPANY, US [85] 1999-07-30 [86] 1998-01-30 (PCT/US98/01841) [87] 1998-08-06 (WO98/33385) [30] US (60/034,887) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,622</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21F 1/54</b> [25] EN [54] <b>PAPER FORMING ACTIVITY CONTROL WITH LIFTING VARIABLE INERTIAL STIMULATION BLADES WITH LIMITED-VENT INDENTED-SURFACES</b> [54] <b>SYSTEME DE COMMANDE D'ACTIVITE DE FORMATION DE PAPIER COMPORTANT DES LAMES DE STIMULATION INERTIELLE VARIABLE DE LEVAGE A SURFACES ENTAILLEES PORTEUSES D'EVENETS RESTREINTS</b> [72] BACHAND, JEFFREY P., US [72] GROGAN, DANIEL, US [72] NEUN, JOHN A., US [72] CARLTON, KEITH, US [71] THERMO FIBERTEK INC., US [85] 1999-07-30 [86] 1998-04-08 (PCT/US98/07190) [87] 1998-10-29 (WO98/48104) [30] US (837,755) 1997-04-22</p>	<p style="text-align: right;">[21] <b>2,279,629</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02K 1/27 6H02K 15/03</b> [25] EN [54] <b>IMPROVEMENTS IN HIGH SPEED ROTOR SHAFTS</b> [54] <b>PERFECTIONNEMENTS CONCERNANT LES ARBRES DE ROTORS GRANDE VITESSE</b> [72] LIN, HUAI YU, AU [72] DIETZEL, RANDOLPH, AU [72] CONRY, RONALD DAVID, AU [72] LOVATT, HOWARD C., AU [72] WATTERSON, PETER ANDREW, AU [71] UNIVERSITY OF TECHNOLOGY, SYDNEY, AU [71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU [71] CASTTIKULM RESEARCH PTY. LTD., AU [85] 1999-07-29 [86] 1998-01-28 (PCT/AU98/00044) [87] 1998-08-06 (WO98/34324) [30] AU (PO 4846) 1997-01-29</p>
<p style="text-align: right;">[21] <b>2,279,620</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 295/06 6C07D 405/10 6A61K 31/495</b> [25] EN [54] <b>1-PHENYL-4-BENZYLPIPERAZINES: DOPAMINE RECEPTOR SUBTYPE SPECIFIC LIGANDS (D4)</b> [54] <b>LIGANDS DE 1-PHENYLE-4-BENZYLPIPERAZINES SPECIFIQUES POUR LE SOUS-TYPE DU RECEPTEUR DE DOPAMINE (D4)</b> [72] THURKAUF, ANDREW, US [72] CHEN, XI, US [71] NEUROGEN CORPORATION, US [85] 1999-07-30 [86] 1998-01-29 (PCT/US98/01628) [87] 1998-08-06 (WO98/33784) [30] US (08/791,673) 1997-01-30</p>	<p style="text-align: right;">[21] <b>2,279,625</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 2/00 6A61L 2/18</b> [25] EN [54] <b>STERILIZATION OF ORGANS AND PROSTHESES WITH COUPLING AGENTS</b> [54] <b>PROCEDE DE STERILISATION</b> [72] GIRARDOT, JEAN-MARIE, US [72] GIRARDOT, MARIE-NADIA, US [71] BIOMEDICAL DESIGN, INC., US [85] 1999-07-30 [86] 1998-02-09 (PCT/US98/02395) [87] 1998-08-13 (WO98/34650) [30] US (60/037,528) 1997-02-10</p>	<p style="text-align: right;">[21] <b>2,279,631</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/173</b> [25] EN [54] <b>METHOD OF TRANSFERRING MEDIA FILES OVER A COMMUNICATIONS NETWORK</b> [54] <b>PROCEDE DE TRANSFERT DE FICHIERS SUPPORTS DE DONNEES SUR UN RESEAU DE COMMUNICATIONS</b> [72] BOOTH, JAMES, GB [72] BARRS, JAMES, GB [72] MONTGOMERY, IAN DAVID, GB [72] EVERETT, STEWART NEIL, GB [71] WEST-WALKER, FRANCIS NIGEL, NZ [85] 1999-07-29 [86] 1998-01-26 (PCT/NZ98/00005) [87] 1998-07-30 (WO98/33320) [30] NZ (314150) 1997-01-29</p>

## PCT Applications Entering the National Phase

[21] **2,279,632**  
[13] A1

[51] **Int.Cl. 6H01S 3/103 6H01S 3/25**  
[25] EN  
[54] **METHOD FOR SYNTONIZING THE WAVE LENGTHS OF AN ARRANGEMENT OF OPTOELECTRONIC COMPONENTS**  
[54] **PROCEDE POUR SYNTONISER LES LONGUEURS D'ONDE D'UN AGENCEMENT DE COMPOSANTS OPTO-ELECTRONIQUES**  
[72] HILLMER, HARTMUT, DE  
[72] KLEPSE, BERND, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[85] 1999-07-30  
[86] 1998-11-12 (PCT/EP98/07253)  
[87] 1999-06-10 (WO99/28999)  
[30] DE (197 55 453.9) 1997-12-01

[21] **2,279,634**  
[13] A1

[51] **Int.Cl. 6B65D 41/58 6A61J 1/00 6B65D 41/50**  
[25] EN  
[54] **METHOD OF MANUFACTURING PHARMACEUTICAL ARTICLES**  
[54] **PROCEDE DE FABRICATION D'ARTICLES PHARMACEUTIQUES**  
[72] MULLIGAN, DES, IE  
[72] ANDERSSON, GUNNAR, SE  
[71] PHARMACIA & UPJOHN AB, SE  
[85] 1999-07-30  
[86] 1998-02-19 (PCT/SE98/00294)  
[87] 1998-08-27 (WO98/36986)  
[30] SE (9700597-9) 1997-02-20

[21] **2,279,635**  
[13] A1

[51] **Int.Cl. 6B01D 47/06 6F28F 25/12**  
[25] EN  
[54] **OPEN CONTACT REACTOR**  
[54] **REACTEUR PAR CONTACT OUVERT**  
[72] DOUGHTY, JOSEPH V., US  
[72] HALLDIN, CLAES, SE  
[72] AHMAN, STEFAN, SE  
[72] JOHANSSON, LARS-ERIK, SE  
[72] COLLINS, DAVID J., US  
[72] BORIO, DONALD, US  
[71] ABB FLÅKT AB, SE  
[85] 1999-07-30  
[86] 1998-02-03 (PCT/SE98/00185)  
[87] 1998-08-06 (WO98/33576)  
[30] SE (9700393-3) 1997-02-05

[21] **2,279,636**  
[13] A1

[51] **Int.Cl. 6C07D 213/74 6C07D 401/04 6A61K 31/44**  
[25] EN  
[54] **2-AMINO SUBSTITUTED PYRIDINES FOR USE IN THE TREATMENT OF ARTERIOSCLEROSIS AND HYPERLIPOPROTEINAEMIA**  
[54] **PYRIDINES SUBSTITUEES PAR 2-AMINO S'UTILISANT POUR TRAITER L'ARTERIOSCEROSE ET L'HYPERLIPOPROTEINEMIE**  
[72] SCHMECK, CARSTEN, DE  
[72] BREMM, KLAUS-DIETER, DE  
[72] LYGERS, MICHAEL, DE  
[72] SCHMIDT, GUNTER, DE  
[72] SCHMIDT, DELF, DE  
[72] SCHUHMACHER, JOACHIM, DE  
[72] BISCHOFF, HILMAR, DE  
[72] BRANDES, ARNDT, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1999-07-30  
[86] 1998-01-23 (PCT/EP98/00362)  
[87] 1998-08-13 (WO98/34920)  
[30] DE (197 04 243.0) 1997-02-05

[21] **2,279,639**  
[13] A1

[51] **Int.Cl. 6A24F 47/00 6A24B 15/16 6A24D 1/18**  
[25] EN  
[54] **A HEALTHY CIGARETTE**  
[54] **CIGARETTE SAINE**  
[72] PU, DANMING, CN  
[71] PU, DANMING, CN  
[85] 1999-07-30  
[86] 1998-11-27 (PCT/CN98/00279)  
[87] 1999-06-10 (WO99/27806)  
[30] CN (97107802.5) 1997-12-01

[21] **2,279,641**  
[13] A1

[51] **Int.Cl. 6C07D 487/14 6A61K 31/505**  
[25] EN  
[54] **REMEDIES/PREVENTIVES FOR RESPIRATORY DISEASES**  
[54] **PRODUITS THERAPEUTIQUES/PROPHYLACTIQUES DES MALADIES RESPIRATOIRES**  
[72] YUASA, MASAYUKI, JP  
[72] KAWAZU, YUKIO, JP  
[72] SUGIO, MAYUMI, JP  
[72] YAHIRO, TOMOAKI, JP  
[72] ICHINOMIYA, SATOSHI, JP  
[72] TAKAKUWA, TAKAKO, JP  
[72] NAMIKI, TAKAYUKI, JP  
[72] HIYAMA, NAOKI, JP  
[72] TAMAI, MASASHI, JP  
[71] POLA CHEMICAL INDUSTRIES, INC., JP  
[85] 1999-07-30  
[86] 1997-12-26 (PCT/JP97/04878)  
[87] 1998-08-20 (WO98/35968)  
[30] JP (9-47197) 1997-02-14  
[30] JP (9-47211) 1997-02-14

[21] **2,279,642**  
[13] A1

[51] **Int.Cl. 6G01F 1/84**  
[25] EN  
[54] **DUAL LOOP CORIOLIS EFFECT MASS FLOWMETER**  
[54] **DEBITMETRE MASSIQUE A ACCELERATION DE CORIOLIS, DOTE D'UNE DOUBLE BOUCLE**  
[72] LISTER, ERNEST DALE, US  
[72] OLLILA, CURTIS JOHN, US  
[72] NORMEN, DAVID FREDERICK, US  
[71] MICRO MOTION, INC., US  
[85] 1999-07-30  
[86] 1998-02-25 (PCT/US98/03494)  
[87] 1998-09-17 (WO98/40702)  
[30] US (08/814,203) 1997-03-11

## Demandes PCT entrant en phase nationale

[21] **2,279,644**  
[13] A1

[51] **Int.Cl. 6C07D 417/04 6A01N 43/74 6C07D 277/82**  
[25] EN  
[54] **SUBSTITUTED 2-(2,4(1H,3H)-PYRIMIDINDION-3-YL) BENZTHIAZOLES**  
[54] **BENZTHIAZOLES SUBSTITUES 2-(2,4(1H,3H)-PYRIMIDINDION-3-YL)**  
[72] ZAGAR, CYRILL, DE  
[72] MENGES, MARKUS, DE  
[72] HAMPRECHT, GERHARD, DE  
[72] SCHÄFER, PETER, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] REINHARD, ROBERT, DE  
[72] MENKE, OLAF, DE  
[72] MISSLITZ, ULF, DE  
[72] WALTER, HELMUT, DE  
[72] HEISTRACHER, ELISABETH, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-07-30  
[86] 1998-02-04 (PCT/EP98/00581)  
[87] 1998-08-06 (WO98/33796)  
[30] DE (19704134.5) 1997-02-04

[21] **2,279,646**  
[13] A1

[51] **Int.Cl. 6E21B 19/22**  
[25] EN  
[54] **DEPLOYMENT SYSTEM AND APPARATUS FOR RUNNING BOTTOMHOLE ASSEMBLIES IN WELLS, PARTICULARLY APPLICABLE TO COILED TUBING OPERATIONS**  
[54] **SYSTEME ET DISPOSITIF DE DEPLOIEMENT POUR DESCENDRE DES ENSEMBLES DE FOND DANS DES Puits, NOTAMMENT LORS D'OPERATIONS CONCERNANT DES COLONNES DE PRODUCTION SPIRALEES**  
[72] RAVENSBERGEN, JOHN E., CA  
[72] PORTMAN, LANCE N., US  
[71] BJ SERVICES COMPANY, U.S.A., US  
[85] 1999-07-29  
[86] 1998-02-03 (PCT/US98/01930)  
[87] 1998-08-06 (WO98/34005)  
[30] US (60/037,407) 1997-02-03

[21] **2,279,647**  
[13] A1

[51] **Int.Cl. 6A01M 1/20**  
[25] EN  
[54] **SECTIONAL BAIT STATION**  
[54] **POINT D'APPAT DU TYPE A SECTIONS**  
[72] McGORMAN, ELLEEN PATRICIA, US  
[72] BALLARD, JAMES BRUCE, US  
[71] FMC CORPORATION, US  
[85] 1999-07-29  
[86] 1998-01-29 (PCT/US98/01843)  
[87] 1998-08-06 (WO98/33377)  
[30] US (08/794,097) 1997-02-03

[21] **2,279,648**  
[13] A1

[51] **Int.Cl. 6A61K 9/12 6A61L 25/00 6A61K 31/19 6A61K 31/70 6A61K 31/715**  
[25] EN  
[54] **HAEMOSTATIC AEROSOL COMPOSITION**  
[54] **COMPOSITION D'AEROSOL HEMOSTATIQUE**  
[72] BRIESTENSKY, JIRI, CZ  
[72] KISS, FRANTISEK, CZ  
[72] SANTAR, IVAN, CZ  
[71] ALPENSTOCK HOLDINGS LIMITED, IE  
[85] 1999-07-29  
[86] 1998-01-30 (PCT/IE98/00003)  
[87] 1998-08-06 (WO98/33479)  
[30] IE (97 0062) 1997-01-30

[21] **2,279,649**  
[13] A1

[51] **Int.Cl. 6C08B 15/04 6C08B 31/18 6A61L 15/28**  
[25] EN  
[54] **CELLULOSE DERIVATIVES**  
[54] **DERIVES DE CELLULOSE**  
[72] BRIESTENSKY, JIRI, CZ  
[72] KISS, FRANTISEK, CZ  
[72] SANTAR, IVAN, CZ  
[71] ALPENSTOCK HOLDINGS LIMITED, IE  
[85] 1999-07-29  
[86] 1998-01-30 (PCT/IE98/00004)  
[87] 1998-08-06 (WO98/33822)  
[30] IE (97 0061) 1997-01-30

[21] **2,279,650**  
[13] A1

[51] **Int.Cl. 6G10L 9/18**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DETECTING AND CHARACTERIZING SIGNALS IN A COMMUNICATION SYSTEM**  
[54] **APPAREIL ET PROCEDE POUR LA DETECTION ET LA CARACTERISATION DE SIGNAUX DANS UN SYSTEME DE COMMUNICATION**  
[72] ELIAS, ERIC DAVID, US  
[72] ANANTHAIYER, SATISH, US  
[71] MOTOROLA, INC., US  
[85] 1999-07-30  
[86] 1998-11-13 (PCT/US98/24366)  
[87] 1999-06-24 (WO99/31655)  
[30] US (08/990,130) 1997-12-12

[21] **2,279,651**  
[13] A1

[51] **Int.Cl. 6A01N 43/04 6A61K 38/00 6A01N 43/16 6A01N 43/42 6A61K 31/47 6A61K 31/70**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF NEUROLOGICAL DISORDERS AND NEURODEGENERATIVE DISEASES**  
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE TROUBLES NEUROLOGIQUES ET DE MALADIES NEURODEGENERATIVES**  
[72] LEE, ROBERT K. K., US  
[72] WURTMAN, RICHARD J., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 1999-07-30  
[86] 1997-09-05 (PCT/US97/15321)  
[87] 1998-03-12 (WO98/09523)  
[30] US (60/025,507) 1996-09-05  
[30] US (60/033,765) 1997-01-15

[21] **2,279,822**  
[13] A1

[51] **Int.Cl. 6B65F 1/16 6B65F 1/14**  
[25] FR  
[54] **EMBALLAGE METALLIQUE POUR PRODUITS A ELIMINER**  
[54] **METAL PACKAGING FOR PRODUCTS TO BE DESTROYED**  
[72] GROSJEAN, MAURICE, FR  
[71] FEREMBAL, FR  
[85] 1999-08-04  
[86] 1998-02-06 (PCT/FR98/00235)  
[87] 1998-08-13 (WO98/34855)  
[30] FR (97/01376) 1997-02-06

## PCT Applications Entering the National Phase

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[21] **2,279,823**  
[13] A1

[51] **Int.Cl. 6G07F 7/10**  
[25] FR  
[54] **PROCEDE DE STOCKAGE DE DONNEES DANS UNE MEMOIRE REINSCRIPTIBLE DE CARTE A PUCE**  
[54] **METHOD FOR STORING DATA IN A CHIP CARD REWRITABLE MEMORY**  
[72] PERROT, DANIEL, FR  
[72] DEVAUX, FRANÇOIS, FR  
[71] FRANÇOIS-CHARLES OBERTHUR FIDUCIAIRE, FR  
[85] 1999-08-04  
[86] 1998-02-13 (PCT/FR98/00279)  
[87] 1998-08-20 (WO98/36387)  
[30] FR (97/01735) 1997-02-14

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[21] **2,279,824**  
[13] A1

[51] **Int.Cl. 6D01F 2/28 6D01F 2/00**  
[25] FR  
[54] **FIBRES CELLULOSIQUES D'ORIGINE CRISTAL-LIQUIDE AYANT UN ALLONGEMENT A LA RUPTURE IMPORTANT ET PROCEDES POUR LES OBTENIR**  
[54] **CELLULOSE FIBRES OF LIQUID CRYSTAL ORIGIN WITH HIGH BREAKING ELONGATION AND METHODS FOR OBTAINING SAME**  
[72] MERALDI, JEAN-PAUL, CH  
[72] CIZEK, VLASTIMIL, CH  
[72] AUBRY, JEAN-CLAUDE, FR  
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[85] 1999-08-04  
[86] 1998-02-02 (PCT/EP98/00537)  
[87] 1998-08-13 (WO98/35078)  
[30] FR (97/01527) 1997-02-06

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[21] **2,279,825**  
[13] A1

[51] **Int.Cl. 6B60C 11/04 6B60C 11/00 6B29D 30/06 6B60C 11/12 6B60C 11/13**  
[25] FR  
[54] **SCULPTURE DE BANDE DE ROULEMENT ET PROCEDE DE FABRICATION**  
[54] **TREAD PATTERN AND METHOD FOR MAKING SAME**  
[72] MERINO LOPEZ, JOSE, FR  
[72] GARNIER DE LABAREYRE, BERTRAND, FR  
[71] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[85] 1999-08-04  
[86] 1998-02-05 (PCT/EP98/00625)  
[87] 1998-08-20 (WO98/35842)  
[30] FR (97/01846) 1997-02-12

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[21] **2,279,826**  
[13] A1

[51] **Int.Cl. 6A61K 39/00 6A61K 39/385**  
[25] EN  
[54] **IMMUNIZATION AGAINST ENDOGENOUS MOLECULES**  
[54] **IMMUNISATION CONTRE DES MOLECULES ENDOGENES**  
[72] MANNS, JOHN G., CA  
[72] HARLAND, RICHARD, CA  
[72] ACRES, STEPHEN D., CA  
[71] BIOSTAR INC., CA  
[85] 1999-08-04  
[86] 1998-02-04 (PCT/CA98/00059)  
[87] 1998-08-13 (WO98/34639)  
[30] US (60/036,883) 1997-02-05

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[21] **2,279,827**  
[13] A1

[51] **Int.Cl. 6A61F 2/04**  
[25] FR  
[54] **IMPLANT ARTIFICIEL DESTINE AU REMPLACEMENT DE L'APPAREIL EXCRETEUR URINAIRE CHEZ L'ETRE HUMAIN**  
[54] **ARTIFICIAL IMPLANT INTENDED TO REPLACE THE HUMAN URINARY AND EXCRETORY ORGANS**  
[72] DESGRANDCHAMPS, FRANÇOIS, FR  
[72] LE DUC, ALAIN, FR  
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR  
[85] 1999-08-05  
[86] 1998-02-04 (PCT/FR98/00200)  
[87] 1998-08-20 (WO98/35633)  
[30] FR (97/01762) 1997-02-14

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[21] **2,279,828**  
[13] A1

[51] **Int.Cl. 6C01G 35/00 6G02B 1/11**  
[25] FR  
[54] **MATERIAU POLYMERIQUE INORGANIQUE A BASE D'OXYDE DE TANTALE, NOTAMMENT A INDICE DE REFRACTION ELEVE, MECANIQUEMENT RESISTANT A L'ABRASION, SON PROCEDE DE FABRICATION, ET MATERIAU OPTIQUE COMPRENANT CE MATERIAU**  
[54] **INORGANIC POLYMERIC MATERIAL WITH TANTALIC ACID ANHYDRIDE BASE, IN PARTICULAR WITH HIGH REFRACTIVE INDEX, MECHANICALLY ABRASIONPROOF, METHOD OF MANUFACTURE, OPTICAL MATERIALS COMPRISING SUCH MATERIAL**  
[72] FLOCH, HERVÉ, FR  
[72] PRENE, PHILIPPE, FR  
[72] BELLEVILLE, PHILIPPE, FR  
[71] COMMISSARIAT A L'ÉNERGIE ATOMIQUE, FR  
[85] 1999-08-05  
[86] 1998-02-06 (PCT/FR98/00229)  
[87] 1998-08-13 (WO98/34876)  
[30] FR (97/01486) 1997-02-10

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[21] **2,279,829**  
[13] A1

[51] **Int.Cl. 6A47J 37/12**  
[25] FR  
[54] **APPAREIL ELECTRIQUE DE CUISSON A CUVE AMOVIBLE**  
[54] **ELECTRICAL COOKING APPLIANCE WITH REMOVABLE BOWL**  
[72] THEVENIN, JEAN-MARIE, FR  
[71] SEB S.A., FR  
[85] 1999-08-05  
[86] 1998-12-08 (PCT/FR98/02661)  
[87] 1999-06-17 (WO99/29219)  
[30] FR (97/15821) 1997-12-09

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[21] **2,279,830**  
[13] A1

[51] **Int.Cl. 6F16K 31/40**  
[25] FR  
[54] **VALVE MONOSTABLE**  
[54] **MONOSTABLE VALVE**  
[72] SIMOENS, HERVÉ, FR  
[71] SIMOENS, HERVÉ, FR  
[85] 1999-08-09  
[86] 1998-12-17 (PCT/FR98/02756)  
[87] 1999-07-01 (WO99/32818)  
[30] FR (97/16424) 1997-12-18

## Demandes PCT entrant en phase nationale

[21] **2,279,831**  
[13] A1

[51] **Int.Cl. 6B05B 1/32 6B05D 1/02 6B05B 12/08**  
[25] EN  
[54] **BUSE DE PULVERISATION AMELIOREE**  
[54] **IMPROVED SPRAYER NOZZLE**  
[72] GUESDON, ALAIN, FR  
[71] KUHN-NODET S.A., FR  
[85] 1999-08-09  
[86] 1998-12-18 (PCT/FR98/02775)  
[87] 1999-07-01 (WO99/32230)  
[30] FR (97/16553) 1997-12-19

[21] **2,279,833**  
[13] A1

[51] **Int.Cl. 6B02C 21/00 6B02C 4/02 6B02C 23/08**  
[25] FR  
[54] **PROCEDE ET INSTALLATION POUR REDUIRE UN MATERIAU BRUT EN MORCEAUX EN UN MATERIAU EN GRAINS SELON UNE DISTRIBUTION GRANULOMETRIQUE**  
[54] **METHOD AND PLANT FOR DISINTEGRATING CRUDE MATERIAL IN LUMPS INTO A GRANULAR MATERIAL ACCORDING TO PARTICLE SIZE DISTRIBUTION**  
[72] PINONCELY, ANDRÉ, FR  
[72] PICHON, JEAN-FRANÇOIS, FR  
[71] FCB, FR  
[85] 1999-08-10  
[86] 1998-02-13 (PCT/FR98/00280)  
[87] 1998-08-27 (WO98/36841)  
[30] FR (97/02178) 1997-02-19

[21] **2,279,834**  
[13] A1

[51] **Int.Cl. 6A61K 39/395 6A61K 31/70**  
[25] EN  
[54] **PHARMACEUTICALLY ACTIVE AGENTS THAT IMPEDE THE FORMATION OF AMYLOID BY IMPEDING THE GENESIS OR GROWTH OF DMS**  
[54] **AGENTS PHARMACEUTIQUEMENT ACTIFS EMPECHANT LA FORMATION D'AMYLOIDE EN EMPECHANT LA GENESE OU LA CROISSANCE DE DMS**  
[72] AVERBACK, PAUL, CA  
[71] NYMOX CORPORATION, CA  
[85] 1999-08-04  
[86] 1998-02-06 (PCT/CA98/00065)  
[87] 1998-08-13 (WO98/34643)  
[30] US (60/038,694) 1997-02-07  
[30] US (09/017,689) 1998-02-03

[21] **2,279,836**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 15/11 6C07K 16/18 6C07K 14/575**  
[25] EN  
[54] **POLYNUCLEOTIDES ENCODING PROXENDIN, AND METHODS AND USES THEREOF**  
[54] **POLYNUCLEOTIDES CODANT LA PROXENDINE, ET PROCEDES ET UTILISATIONS CORRESPONDANTS**  
[72] DRUCKER, DANIEL J., CA  
[71] 1149336 ONTARIO INC., CA  
[85] 1999-08-05  
[86] 1998-02-04 (PCT/CA98/00071)  
[87] 1998-08-13 (WO98/35033)  
[30] US (60/037,412) 1997-02-05  
[30] GB (9702582.9) 1997-02-07

[21] **2,279,838**  
[13] A1

[51] **Int.Cl. 6C12N 15/66 6C12N 5/10 6C12N 15/12 6C12N 15/19 6C07K 16/28 6C07K 14/435 6C07K 14/715**  
[25] EN  
[54] **RECEPTOR THAT BINDS TRAIL**  
[54] **RECEPTEUR FIXANT TRAIL**  
[72] RAUCH, CHARLES, US  
[72] WALCZAK, HENNING, DE  
[71] IMMUNEX CORPORATION, US  
[85] 1999-08-05  
[86] 1998-02-11 (PCT/US98/02239)  
[87] 1998-08-20 (WO98/35986)  
[30] US (08/799,861) 1997-02-13  
[30] US (08/815,255) 1997-03-12  
[30] US (08/829,536) 1997-03-28  
[30] US (08/869,852) 1997-06-04  
[30] US (08/883,036) 1997-06-25

[21] **2,279,839**  
[13] A1

[51] **Int.Cl. 6F41A 1/00 6F41F 1/00 6F41A 3/02 6F41A 9/38**  
[25] EN  
[54] **CANNON FOR AXIALLY FED ROUNDS WITH BREECHED ROUND SEALING BREECH CHAMBER**  
[54] **CANON A MUNITIONS ALIMENTEES AXIALEMENT MUNI D'UNE CHAMBRE DE CULASSE SCCELLANT LES MUNITIONS INTRODUITES DANS LA CULASSE**  
[72] O'DWYER, JAMES MICHAEL, AU  
[71] METAL STORM PTY LTD., AU  
[85] 1999-04-23  
[86] 1997-10-23 (PCT/AU97/00713)  
[87] 1998-04-30 (WO98/17962)  
[30] AU (PO 3156) 1996-10-23

[21] **2,279,841**  
[13] A1

[51] **Int.Cl. 6A61K 9/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE COATING OF SUBSTRATES FOR PHARMACEUTICAL USE**  
[54] **PROCEDE ET DISPOSITIF SERVANT A REVETIR DES SUBSTRATS A USAGE PHARMACEUTIQUE**  
[72] STANIFORTH, JOHN NICHOLAS, GB  
[72] BROWN, STEVEN ROBERT, GB  
[72] REEVES, LINDA ANN, GB  
[71] PHOQUS LIMITED, GB  
[85] 1999-05-12  
[86] 1997-11-13 (PCT/GB97/03121)  
[87] 1998-05-22 (WO98/20861)  
[30] GB (9623634.4) 1996-11-13

[21] **2,279,842**  
[13] A1

[51] **Int.Cl. 6A61K 9/70 6A61K 9/14 6A61K 9/20 6A61K 9/48 6A61K 31/55**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE COATING OF SUBSTRATES FOR PHARMACEUTICAL USE**  
[54] **PROCEDE ET APPAREIL D'ENROBAGE DE SUBSTRATS A USAGE PHARMACEUTIQUE**  
[72] BROWN, STEVEN ROBERT, GB  
[72] REEVES, LINDA ANN, GB  
[72] STANIFORTH, JOHN NICHOLAS, GB  
[71] PHOQUS LIMITED, GB  
[85] 1999-05-12  
[86] 1997-11-13 (PCT/GB97/03113)  
[87] 1998-05-22 (WO98/20863)  
[30] GB (9623634.4) 1996-11-13

[21] **2,279,843**  
[13] A1

[51] **Int.Cl. 6G01N 33/02 6G01N 33/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING THE QUALITY OF CEREALS**  
[54] **PROCEDE ET APPAREIL CORRESPONDANT PERMETTANT DE DETERMINER LA QUALITE DE CEREALES**  
[72] BOHLIN, LEIF, SE  
[71] SKANSKA LANTMÄNNEN EK FyR, SE  
[85] 1999-05-13  
[86] 1997-11-14 (PCT/SE97/01922)  
[87] 1998-05-22 (WO98/21575)  
[30] SE (9604174-4) 1996-11-14

## PCT Applications Entering the National Phase

[21] **2,279,844**  
[13] A1

[51] **Int.Cl. 6C12N 15/29 6A01H 5/10 6C12N 15/63**  
[25] EN  
[54] **PLANT PYRUVATE DEHYDROGENASE KINASE GENE**  
[54] **GENE DE LA PYRUVATE-DESHYDROGENASE-KINASE DE PLANTES**  
[72] TAYLOR, DAVID C., CA  
[72] ZOU, JITAO, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[85] 1999-08-05  
[86] 1998-02-09 (PCT/CA98/00096)  
[87] 1998-08-13 (WO98/35044)  
[30] US (60/038,815) 1997-02-10

[21] **2,279,845**  
[13] A1

[51] **Int.Cl. 6H04M 7/00 6H04M 15/00 6H04Q 3/00 6H04L 29/06 6H04M 11/06 6H04N 7/14 6H04M 3/42 6H04M 3/46 6H04M 3/50 6H04L 12/56**  
[25] EN  
[54] **A COMMUNICATION SYSTEM ARCHITECTURE**  
[54] **SYSTEME, PROCEDE ET PRODUIT MANUFACTURE POUR L'ARCHITECTURE D'UN SYSTEME DE COMMUNICATION**  
[72] KRISHNASWAMY, SRIDHAR, US  
[72] SALEH, BILAL A., US  
[72] SOLBRIG, ERIN M., US  
[72] COLLIER, MATTHEW T., US  
[72] WILLE, ANDREW N., US  
[72] SIMS, WILLIAM A., US  
[72] HOLMES, ALLEN, US  
[72] SMITH, ROBERT S., II, US  
[72] KELLY, PATRICK J., III, US  
[72] GOTTLIEB, LOUIS G., US  
[72] GALVIN, THOMAS J., US  
[72] MARSHALL, DAVID D., US  
[72] RINDE, JOSEPH, US  
[72] LAFRENIER, LAWRENCE L., US  
[72] REYNOLDS, TIM E., US  
[72] WALTERS, JOHN J., US  
[72] FORGY, GLEN A., US  
[72] TURNER, DON A., US  
[72] LITZENBERGER, PAUL D., US  
[72] EASTEP, GUIDO M., US  
[72] DUGAN, ANDREW J., US  
[72] CERF, VINTON, US  
[72] PRICE, RICKY A., US  
[72] GROSS, PHIL, US  
[72] STEELE, RICK D., US  
[72] ELLIOTT, ISAAC K., US  
[71] MCI WORLDCOM, INC., US  
[85] 1999-05-17  
[86] 1997-11-14 (PCT/US97/21174)  
[87] 1998-05-28 (WO98/23080)  
[30] US (08/751,203) 1996-11-18  
[30] US (08/751,668) 1996-11-18  
[30] US (08/752,271) 1996-11-18  
[30] US (08/758,734) 1996-11-18  
[30] US (08/751,209) 1996-11-18  
[30] US (08/751,661) 1996-11-18  
[30] US (08/752,236) 1996-11-18  
[30] US (08/752,487) 1996-11-18  
[30] US (08/752,269) 1996-11-18  
[30] US (08/751,923) 1996-11-18  
[30] US (08/751,658) 1996-11-18  
[30] US (08/752,552) 1996-11-18  
[30] US (08/751,933) 1996-11-18  
[30] US (08/751,663) 1996-11-18  
[30] US (08/746,899) 1996-11-18  
[30] US (08/751,915) 1996-11-18  
[30] US (08/752,400) 1996-11-18  
[30] US (08/751,922) 1996-11-18  
[30] US (08/751,961) 1996-11-18

[21] **2,279,846**  
[13] A1

[51] **Int.Cl. 6C12N 15/52 6A61K 38/45 6G01N 33/50 6C12N 9/52**  
[25] EN  
[54] **ENGINEERED PROTEIN KINASES WHICH CAN UTILIZE MODIFIED NUCLEOTIDE TRIPHOSPHATE SUBSTRATES**  
[54] **PROTEINES KINASES MANIPULEES CAPABLES D'UTILISER DES SUBSTRATS A TRIPHOSPHATE NUCLEOTIDIQUE MODIFIES**  
[72] SHOKAT, KEVAN M., US  
[71] PRINCETON UNIVERSITY, US  
[85] 1999-08-06  
[86] 1998-02-09 (PCT/US98/02522)  
[87] 1998-08-13 (WO98/35048)  
[30] US (08/797,522) 1997-02-07  
[30] US (60/046,727) 1997-05-16

[21] **2,279,847**  
[13] A1

[51] **Int.Cl. 6H04M 11/00 6G06F 1/00 6G09G 1/00 6H04H 9/00 6H04N 7/00 6H04L 29/06 6H04N 7/173 6H04L 12/26 6G06F 17/30 6G06F 11/34 6G06F 9/40**  
[25] EN  
[54] **INTERACTIVE SERVICE DEVICE METERING SYSTEMS**  
[54] **SYSTEME DE MESURE PAR DISPOSITIFS A SERVICES INTERACTIFS**  
[72] FEININGER, WILLIAM A., US  
[72] SAMSON, JEROME, US  
[72] BHATIA, MANISH, US  
[72] HARKNESS, DAVID H., US  
[72] LU, DAOZHENG, US  
[71] NIELSEN MEDIA RESEARCH, INC., US  
[85] 1999-05-28  
[86] 1997-11-24 (PCT/US97/21643)  
[87] 1998-06-18 (WO98/26529)  
[30] US (08/763,750) 1996-12-11

[21] **2,279,848**  
[13] A1

[51] **Int.Cl. 6D03D 25/00 6D03D 41/00**  
[25] EN  
[54] **WOVEN 3D FABRIC MATERIAL**  
[54] **MATIERE EN TISSU TISSE EN 3D**  
[72] KHOKAR, NANDAN, SE  
[71] BITEAM AB, SE  
[85] 1999-07-14  
[86] 1997-03-03 (PCT/SE97/00356)  
[87] 1998-09-11 (WO98/39508)

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,850</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 1/26</b> [25] EN [54] <b>SYSTEM AND METHOD FOR HARMONIC INTERFERENCE AVOIDANCE IN CARRIER RECOVERY FOR DIGITAL DEMODULATION</b> [54] <b>SYSTEME ET PROCEDE PERMETTANT D'EVITER DES INTERFERENCES D'HARMONIQUES DANS UN CIRCUIT DE RECONSTITUTION DE LA PORTEUSE POUR UNE DEMODULATION NUMERIQUE</b> [72] COMAN, ION, US [72] HANNA, KENNETH M., US [71] SCIENTIFIC-ATLANTA, INC., US [85] 1999-07-21 [86] 1998-01-15 (PCT/US98/00826) [87] 1998-08-20 (WO98/35544) [30] US (60/036,769) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,852</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 21/02 6B32B 21/08 6B32B 27/42 6D04H 1/64</b> [25] EN [54] <b>WEATHERABLE BUILDING MATERIALS</b> [54] <b>MATERIAUX DE CONSTRUCTION RESISTANT AUX INTEMPERIES</b> [72] PORTER, CEM A., US [72] TEMPLETON, G. DANIEL, US [72] MINKE, RONALD C., US [72] WEST, KENNETH J., US [71] THERMA-TRU CORPORATION, US [85] 1999-07-26 [86] 1997-08-14 (PCT/US97/14290) [87] 1998-07-30 (WO98/32600) [30] US (08/791,023) 1997-01-27</p>	<p style="text-align: right;">[21] <b>2,279,855</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 15/18 6G06F 17/30</b> [25] EN [54] <b>CONSUMER PROFILING SYSTEM WITH ANALYTIC DECISION PROCESSOR</b> [54] <b>SYSTEME DE DETERMINATION DU PROFIL DE CONSOMMATEURS A PROCESSEUR DE DECISION ANALYTIQUE</b> [72] SCURLOCK, BRADLEY W., US [72] SAMMON, THOMAS M. JR., US [71] PERSONALOGIC, INC., US [85] 1999-08-06 [86] 1998-01-28 (PCT/US98/01515) [87] 1998-08-13 (WO98/35297) [30] US (08/794,387) 1997-02-06</p>
<p style="text-align: right;">[21] <b>2,279,851</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 23/08 6C08F 255/02 6C08F 290/04</b> [25] EN [54] <b>IMPROVED PROCESSING OLEFIN COPOLYMERS</b> [54] <b>COPOLYMERES D'OLEFINE AUX CARACTERISTIQUES DE TRAITEMENT AMELIOREES</b> [72] MILNER, S., T., US [72] HADJICHRISTIDIS, NIKOS, GR [72] FETTERS, LEWIS JOHN, US [72] MENDELSON, ROBERT ALLEN, US [72] GARCIA-FRANCO, US [72] LOHSE, DAVID JOHN, US [72] MEAD, DAVID W., US [71] EXXON CHEMICAL PATENTS INC., US [85] 1999-08-06 [86] 1998-02-06 (PCT/US98/02648) [87] 1998-08-13 (WO98/34986) [30] US (60/037,323) 1997-02-07 [30] US (60/037,149) 1997-02-14 [30] US (60/065,739) 1997-11-17</p>	<p style="text-align: right;">[21] <b>2,279,853</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 9/806</b> [25] EN [54] <b>A METHOD AND SYSTEM FOR MANIPULATION OF AUDIO OR VIDEO SIGNALS</b> [54] <b>PROCEDE ET SYSTEME DE MANIPULATION DE SIGNAUX AUDIO OU VIDEO</b> [72] HAIR, ARTHUR R., US [71] PARSEC SIGHT/SOUND, INC., US [85] 1999-08-06 [86] 1998-02-27 (PCT/US98/03840) [87] 1998-10-01 (WO98/43405) [30] US (08/811,266) 1997-05-04</p>	<p style="text-align: right;">[21] <b>2,279,856</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 6/18 6B65D 85/34</b> [25] EN [54] <b>CONTAINER, IN PARTICULAR FOR TRANSPORTING FRUITS AND VEGETABLES</b> [54] <b>RECIPIENT, NOTAMMENT POUR LE TRANSPORT DE FRUITS ET DE LEGUMES</b> [72] UMIKER, HANS, CH [71] SCHOELLER PLAST SA, CH [85] 1999-08-06 [86] 1998-02-06 (PCT/EP98/00673) [87] 1998-08-13 (WO98/34838) [30] EP (PCT/EP97/00566) 1997-02-07</p>
<p style="text-align: right;">[21] <b>2,279,854</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 2/26 6G12B 9/08</b> [25] EN [54] <b>ELECTRONIC DEVICE HAVING A PROTECTIVE FRAMEWORK</b> [54] <b>DISPOSITIF ELECTRONIQUE AVEC STRUCTURE PROTECTRICE</b> [72] VAN DE GRAAF, PETER, US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-07-26 [86] 1998-01-27 (PCT/US98/01060) [87] 1998-07-30 (WO98/32472) [30] GB (9701786.7) 1997-01-29</p>		



## PCT Applications Entering the National Phase

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[21] **2,279,857**  
[13] A1  
[51] **Int.Cl. 6C11D 3/30 6C11D 3/00**  
**6C11D 3/32 6C11D 3/33**  
[25] EN  
[54] **DRYER-ACTIVATED LAUNDRY**  
**ADDITIVE COMPOSITIONS WITH**  
**COLOR CARE AGENTS**  
[54] **COMPOSITIONS A BASE DE**  
**PRODUITS D'ADDITION DE**  
**BLANCHISSERIE RENFORCEES PAR**  
**UN AGENT DESSICCATIF ET**  
**COMPORTANT DES AGENTS DE**  
**PROTECTION DES COULEURS**  
[72] HONSA, SANDRA LOUISE, US  
[72] HARTMAN, FRED ANTHONY, US  
[72] GODFROID, ROBERT ALLEN, US  
[72] WU, RONGHUI, US  
[72] DITULLIO, DANIEL DALE JR., US  
[72] CORONA, ALESSANDRO, III, US  
[72] SIVIK, MARK ROBERT, US  
[72] LITTIG, JANET SUE, US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1999-08-06  
[86] 1998-02-13 (PCT/US98/02685)  
[87] 1998-09-17 (WO98/40459)  
[30] US (60/038,904) 1997-02-28

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[21] **2,279,858**  
[13] A1  
[51] **Int.Cl. 6G11B 7/125**  
[25] EN  
[54] **METHOD AND DEVICE FOR**  
**WRITING OPTICAL RECORD**  
**CARRIERS**  
[54] **PROCEDE ET DISPOSITIF**  
**PERMETTANT D'ECRIRE SUR DES**  
**SUPPORTS D'ENREGISTREMENT**  
**OPTIQUES**  
[72] DUCHATEAU, JOHAN P. W. B., BE  
[72] HORIKX, JEROEN J. L., NL  
[72] SPRUIT, JOHANNES H. M., NL  
[71] KONINKLIJKE PHILIPS  
ELECTRONICS N.V., NL  
[85] 1999-08-06  
[86] 1998-12-03 (PCT/IB98/01930)  
[87] 1999-06-17 (WO99/30316)  
[30] EP (97203846.7) 1997-12-08

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[21] **2,279,859**  
[13] A1  
[51] **Int.Cl. 6C09K 3/12 6C04B 28/02**  
[25] EN  
[54] **OSMOTIC WATERPROOFING**  
**AGENT, WATERPROOFING**  
**MATERIAL, CONCRETE OR MORTAR**  
**COMPOSITION, AND METHOD FOR**  
**PREVENTING SEEPAGE**  
[54] **AGENT IMPERMEABILISANT**  
**OSMOTIQUE, MATIERE**  
**IMPERMEABILISANTE,**  
**COMPOSITION DE CIMENT OU DE**  
**MORTIER ET PROCEDE DE**  
**PREVENTION DE SUINTEMENT**  
[72] MAEHARA, KIYOSHI, JP  
[72] OGAWA, MASANOBU, JP  
[72] IKEDA, KOICHI, JP  
[72] ITO, YUJI, JP  
[72] TAMURA, WAKAKO, JP  
[72] IGUCHI, TUTOMU, JP  
[71] NIPPON KAYAKU KABUSHIKI  
KAISHA, JP  
[85] 1999-08-06  
[86] 1998-12-04 (PCT/JP98/05492)  
[87] 1999-06-17 (WO99/29798)  
[30] JP (9-354094) 1997-12-09

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[21] **2,279,860**  
[13] A1  
[51] **Int.Cl. 6C02F 1/32**  
[25] EN  
[54] **HAND-HELD ULTRAVIOLET**  
**WATER PURIFICATION SYSTEM**  
[54] **DISPOSITIF DE PURIFICATION**  
**D'EAU PAR ULTRAVIOLETS, TENANT**  
**DANS LA MAIN**  
[72] MAIDEN, MILES, US  
[72] WATKINS, ROBERT, US  
[71] HYDRO-PHOTON, INC., US  
[85] 1999-07-26  
[86] 1998-01-23 (PCT/US98/01383)  
[87] 1998-07-30 (WO98/32700)  
[30] US (08/790,750) 1997-01-27

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[21] **2,279,861**  
[13] A1  
[51] **Int.Cl. 6G11B 15/087 6H04N 5/7826**  
[25] EN  
[54] **RECORDING AND**  
**REPRODUCTION OF AN**  
**INFORMATION SIGNAL IN A SHORT**  
**PLAY AND A LONG PLAY MODE**  
[54] **ENREGISTREMENT ET**  
**REPRODUCTION D'UN SIGNAL**  
**D'INFORMATION DANS UN MODE**  
**BREF ET DANS UN MODE LONGUE**  
**DUREE**  
[72] LOOYKENS, MARINUS A.H., NL  
[72] RIJCKAERT, ALBERT M.A., NL  
[71] KONINKLIJKE PHILIPS  
ELECTRONICS N.V., NL  
[85] 1999-08-06  
[86] 1998-11-13 (PCT/IB98/01817)  
[87] 1999-06-17 (WO99/30319)  
[30] EP (97203866.5) 1997-12-08

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[21] **2,279,862**  
[13] A1  
[51] **Int.Cl. 6F28D 9/00 6F28F 3/08**  
[25] EN  
[54] **HEAT EXCHANGER**  
[54] **ECHANGEUR THERMIQUE**  
[72] TSUNODA, TADASHI, JP  
[72] SHIKANO, FUMIHIKO, JP  
[72] WAKAYAMA, TOKIYUKI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[85] 1999-07-26  
[86] 1998-01-23 (PCT/JP98/00270)  
[87] 1998-07-30 (WO98/33030)  
[30] JP (9-12961) 1997-01-27  
[30] JP (9-12962) 1997-01-27  
[30] JP (9-12963) 1997-01-27

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[21] **2,279,864**  
[13] A1  
[51] **Int.Cl. 6H01M 10/40 6H01M 4/02**  
**6H01M 4/60**  
[25] EN  
[54] **ORGANIC ELECTROLYTIC**  
**BATTERY**  
[54] **BATTERIE ELECTROLYTIQUE**  
**ORGANIQUE**  
[72] YATA, SHIZUKUNI, JP  
[72] KINOSHITA, HAJIME, JP  
[72] ANDO, NOBUO, JP  
[72] YAMAGUCHI, MASAKI, JP  
[71] KANEBO LIMITED, JP  
[85] 1999-07-26  
[86] 1998-01-20 (PCT/JP98/00187)  
[87] 1998-07-30 (WO98/33227)  
[30] JP (9/28563) 1997-01-27  
[30] JP (9/29743) 1997-01-28

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,865</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D04H 3/16 6D01D 5/11</b> [25] EN [54] <b>IMPROVED FLASH-SPUN SHEET MATERIAL</b> [54] <b>MATERIAU EN FEUILLE AMELIORE PRODUIT PAR FILAGE ECLAIR</b> [72] RUDYS, STASYS K., US [72] HARRISS, DAVID M., US [72] MCGINTY, DAVID JACKSON, US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-03-05 (PCT/US98/04293) [87] 1998-09-11 (WO98/39509) [30] US (08/811,645) 1997-03-05</p>	<p style="text-align: right;">[21] <b>2,279,868</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/705 6A61K 38/17 6C07K 16/28 6A61K 38/39 6G01N 33/50 6C07K 14/78</b> [25] EN [54] <b>LIGANDS FOR DISCOIDIN DOMAIN RECEPTOR TYROSINE KINASES AND COMPLEXES THEREOF</b> [54] <b>LIGANDS POUR TYROSINE-KINASES RECEPTRICES A DOMAINE DISCOIDINE, ET COMPLEXES LES COMPRENANT</b> [72] PAWSON, ANTHONY, CA [72] VOGEL, WOLFGANG, CA [71] MOUNT SINAI HOSPITAL CORPORATION, CA [85] 1999-07-28 [86] 1998-02-05 (PCT/CA98/00093) [87] 1998-08-13 (WO98/34954) [30] US (60/041,578) 1997-02-06</p>	<p style="text-align: right;">[21] <b>2,279,872</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09D 5/44 6C08G 65/22 6C08G 65/26</b> [25] EN [54] <b>CATHODIC ELECTROCOATING COMPOSITIONS CONTAINING AN ANTICRATER AGENT</b> [54] <b>COMPOSITIONS DE REVETEMENT ELECTROLYTIQUE CATHODIQUE CONTENANT UN AGENT EMPECHANT LA FORMATION DE CRATERES</b> [72] CHUNG, DING YU, US [72] GAM, ALLISA, US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-02-18 (PCT/US98/03134) [87] 1998-08-27 (WO98/37155) [30] US (08/806,868) 1997-02-25</p>
<p style="text-align: right;">[21] <b>2,279,866</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B26D 1/28 6B26D 11/00</b> [25] EN [54] <b>METHOD AND DEVICE FOR CUTTING CONTINUOUSLY DELIVERED FLAT OBJECTS</b> [54] <b>PROCEDE ET DISPOSITIF POUR COUPER DES OBJETS PLATS ACHEMINES EN CONTINU</b> [72] JÄGER, ERICH, CH [71] FERAG AG, CH [85] 1999-07-28 [86] 1998-01-28 (PCT/CH98/00031) [87] 1998-08-06 (WO98/33630) [30] CH (215/97) 1997-01-30</p>	<p style="text-align: right;">[21] <b>2,279,869</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/53 6G01N 33/543 6G01N 33/566</b> [25] EN [54] <b>CONVERGENT SYNTHESIS OF COMBINATORIAL LIBRARY</b> [54] <b>SYNTHESE CONVERGENTE DE BANQUE COMBINATOIRE</b> [72] BOGER, DALE L., US [71] THE SCRIPPS RESEARCH INSTITUTE, US [85] 1999-08-06 [86] 1998-02-06 (PCT/US98/02351) [87] 1998-08-13 (WO98/35231) [30] US (60/037,867) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,279,873</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47L 11/34 6A47L 11/32</b> [25] EN [54] <b>APPARATUS HAVING A BELT AGITATOR FOR AGITATING A CLEANING AGENT INTO A CARPET</b> [54] <b>APPAREIL AVEC AGITATEUR A COURROIE SERVANT A AGITER UN AGENT DE NETTOYAGE POUR LE FAIRE PENETRER DANS UN TAPIS</b> [72] BESEL, ARLEN DALE, US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-02-26 (PCT/US98/03610) [87] 1998-09-03 (WO98/37799) [30] US (08/808,695) 1997-02-28 [30] US (08/950,915) 1997-10-15</p>
<p style="text-align: right;">[21] <b>2,279,867</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D04B 9/46</b> [25] EN [54] <b>KNIT GARMENT AND ORIENTATION METHOD</b> [54] <b>VETEMENT TRICOTE ET PROCEDE D'ORIENTATION</b> [72] JORDAN, BOBBY RAY, US [71] B.B. AND S. KNITTING CONSULTANT, US [85] 1999-08-06 [86] 1998-02-02 (PCT/US98/01882) [87] 1998-08-13 (WO98/35081) [30] US (08/797,797) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,279,871</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 209/48</b> [25] EN [54] <b>A PROCESS FOR CONTINUOUS HYDROGENATION OF ADIPONITRILE</b> [54] <b>PROCEDE D'HYDROGENATION CONTINUE D'ADIPONITRILE</b> [72] KOCH, THEODORE A., US [72] SENGUPTA, SOURAV K., US [72] KRAUSE, KARL R., US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-03-27 (PCT/US98/06052) [87] 1998-10-08 (WO98/43940) [30] US (60/042,126) 1997-03-28 [30] US (09/048,603) 1998-03-26</p>	<p style="text-align: right;">[21] <b>2,279,875</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 31/00</b> [25] EN [54] <b>APPLICATOR FOR SEMI-SOLID MEDICATIONS</b> [54] <b>APPLICATEUR POUR MEDICAMENTS SEMI-SOLIDES</b> [72] FERRER, FRANCISCO, ES [72] SEGADO, JAVIER, ES [72] FORN, JAVIER, ES [72] IZQUIERDO, JOSÉ IGNACIO, ES [71] J. URIACH &amp; CIA. S.A., ES [85] 1999-08-06 [86] 1998-02-06 (PCT/EP98/00674) [87] 1998-08-13 (WO98/34671) [30] ES (9700252) 1997-02-07</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,877</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 5/14</b> [25] EN [54] <b>A NAVIGATION/GUIDANCE SYSTEM FOR A LAND-BASED VEHICLE</b> [54] <b>SYSTEME DE RADIONAVIGATION/GUIDAGE POUR UN VEHICULE A TERRE</b> [72] KORVER, KELVIN, US [72] HAWKINSON, WESLEY, US [72] BOEDIGHEIMER, DONOVAN, US [71] KORVER, KELVIN, US [71] HAWKINSON, WESLEY, US [71] BOEDIGHEIMER, DONOVAN, US [85] 1999-08-06 [86] 1997-02-14 (PCT/US97/02445) [87] 1998-08-20 (WO98/36288) [30] US (08/596,957) 1996-02-05</p>	<p style="text-align: right;">[21] <b>2,279,881</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/50 6C07K 14/00</b> [25] EN [54] <b>A METHOD OF IDENTIFYING MODULATORS OF CELL SURFACE MEMBRANE RECEPTORS USEFUL IN THE TREATMENT OF DISEASE</b> [54] <b>PROCEDE POUR IDENTIFIER LES MODULATEURS DES RECEPTEURS MEMBRANAIRES DE SURFACES CELLULAIRES UTILES DANS LE TRAITEMENT DE MALADIES</b> [72] BEHAN, DOMINIC P., US [72] CHALMERS, DEREK T., US [71] BEHAN, DOMINIC P., US [71] CHALMERS, DEREK T., US [85] 1999-08-05 [86] 1998-04-14 (PCT/US98/07496) [87] 1998-10-22 (WO98/46995) [30] US (08/839,449) 1997-04-14</p>	<p style="text-align: right;">[21] <b>2,279,884</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01D 3/06 6C02F 1/12</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DESALINATING SEA WATER, NATURAL SALT AND FRESH WATER</b> [54] <b>PROCEDE ET DISPOSITIF DE DESSALEMENT DE L'EAU DE MER, SEL NATUREL ET EAU DOUCE</b> [72] TAKAYASU, MASAKATSU, JP [71] TAKAYASU, MASAKATSU, JP [85] 1999-08-05 [86] 1998-02-16 (PCT/JP98/00651) [87] 1998-08-20 (WO98/35911) [30] JP (9-50916) 1997-02-18 [30] JP (9-309392) 1997-10-22</p>
<p style="text-align: right;">[21] <b>2,279,878</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47B 87/00</b> [25] EN [54] <b>COLLAPSIBLE WORKSTATION</b> [54] <b>POSTE DE TRAVAIL DEMONTABLE</b> [72] BIGGEL, FRANZ, DE [72] SCHMITZ, BURKHARD, DE [71] HERMAN MILLER, INC., US [85] 1999-07-29 [86] 1998-01-29 (PCT/US98/01705) [87] 1998-08-13 (WO98/34515) [30] US (60/035,542) 1997-01-29</p>	<p style="text-align: right;">[21] <b>2,279,882</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 1/40 6C11D 1/42 6C11D 1/44 6C11D 1/48 6C11D 1/62</b> [25] EN [54] <b>DETERGENT COMPOUND</b> [54] <b>COMPOSE DETERGENT</b> [72] HEINZMAN, STEPHEN WAYNE, GB [72] INGRAM, BARRY THOMAS, GB [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-07-29 [86] 1998-02-11 (PCT/US98/02366) [87] 1998-08-13 (WO98/35003) [30] GB (9702731.2) 1997-02-11</p>	<p style="text-align: right;">[21] <b>2,279,885</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/66 6H04Q 11/04</b> [25] EN [54] <b>A MECHANISM FOR MULTIPLEXING ATM AAL5 VIRTUAL CIRCUITS OVER ETHERNET</b> [54] <b>MECANISME PERMETTANT DE MULTIPLEXER DES CIRCUITS VIRTUELS DE AAL5 MTA SUR ETHERNET</b> [72] ROBERT, ANDRE J., CA [72] ALLAN, DAVID IAN, CA [72] CASEY, LIAM M., CA [71] NORTHERN TELECOM LIMITED, CA [85] 1999-08-05 [86] 1998-03-11 (PCT/CA98/00197) [87] 1998-10-01 (WO98/43396) [30] US (08/821,145) 1997-03-20</p>
<p style="text-align: right;">[21] <b>2,279,880</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/255</b> [25] EN [54] <b>MECHANICAL SPLICE FOR CRIMPING OPTICAL FIBRE</b> [54] <b>EPISSURE MECANIQUE A SERTIR POUR FIBRE OPTIQUE</b> [72] EGON, PHILIPPE, FR [72] LESUEUR, PHILIPPE, FR [72] LIEGEOIS, CHRISTIAN, FR [71] CABLES PIRELLI, FR [85] 1999-07-29 [86] 1998-01-29 (PCT/FR98/00164) [87] 1998-08-06 (WO98/34137) [30] FR (97/01003) 1997-01-30</p>	<p style="text-align: right;">[21] <b>2,279,883</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/36</b> [25] EN [54] <b>ADAPTIVE FREQUENCY REUSE PLAN</b> [54] <b>PLAN ADAPTATIF DE REUTILISATION DE FREQUENCES</b> [72] HENSON, STEVEN RAY, US [71] ERICSSON INC., US [85] 1999-08-05 [86] 1998-02-06 (PCT/US98/02555) [87] 1998-08-13 (WO98/35519) [30] US (08/797,404) 1997-02-10</p>	<p style="text-align: right;">[21] <b>2,279,886</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65H 39/055 6B65H 39/075</b> [25] EN [54] <b>PROCESSING LINE FOR PRINTING PRODUCTS</b> [54] <b>CHAINE DE TRAITEMENT POUR PRODUITS D'IMPRIMERIE</b> [72] JAEGER, ERICH, CH [71] FERAG AG, CH [85] 1999-08-05 [86] 1998-01-20 (PCT/CH98/00016) [87] 1998-08-27 (WO98/37003) [30] CH (366/97) 1997-02-18</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,887</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/20</b> [25] EN [54] <b>METHOD FOR REDUCING SECRETION OF APOLIPOPROTEIN B IN ANIMALS BY ADMINISTERING CONJUGATED LINOLEIC ACID</b> [54] <b>METHODE DE REDUCTION DE LA SECRETION D'APOLIPOPROTEINE B CHEZ DES ANIMAUX PAR ADMINISTRATION D'ACIDE LINOLEIQUE CONJUGUE</b> [72] LEE, KISUN N., KR [72] PARIZA, MICHAEL W., US [71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US [85] 1999-08-05 [86] 1998-02-25 (PCT/US98/03497) [87] 1998-09-03 (WO98/37873) [30] US (08/805,486) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,279,892</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 51/09 6C07C 27/02 6C07C 31/20 6C07C 63/26</b> [25] EN [54] <b>METHOD OF RECOVERY OF TEREPHTHALIC ACID AND ETHYLENE GLYCOL FROM POLY/ETHYLENE TEREPHTHALATE/WASTES</b> [54] <b>PROCEDE DE RECUPERATION D'ACIDE TEREPHTHALIQUE ET D'ETHYLENEGLYCOL A PARTIR DE DECHETS EN POLYETHYLENE TEREPHTHALATE</b> [72] SMUDA, HEINRICH, DE [71] SMUDA, HEINRICH, DE [85] 1999-07-29 [86] 1997-12-02 (PCT/IB97/01497) [87] 1999-06-10 (WO99/28285)</p>	<p style="text-align: right;">[21] <b>2,279,895</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 37/00</b> [25] EN [54] <b>INJECTOR FOR A SUBCUTANEOUS INFUSION SET</b> [54] <b>INJECTEUR POUR DISPOSITIF DE PERFUSION SOUS-CUTANEE</b> [72] MARANO, APRIL A., US [72] FIELD, JEFFREY F., US [72] FUNDERBURK, JEFFERY V., US [71] MINIMED INC., US [85] 1999-07-30 [86] 1998-02-05 (PCT/US98/02031) [87] 1998-08-06 (WO98/33549) [30] US (08/795,968) 1997-02-05</p>
<p style="text-align: right;">[21] <b>2,279,888</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23Q 1/48 6F16H 25/02 6B23Q 1/60 6B23Q 1/62</b> [25] EN [54] <b>POSITIONING SYSTEM</b> [54] <b>SYSTEME DE POSITIONNEMENT</b> [72] PRENTICE, THOMAS C., US [72] PRESCOTT, BRIAN P., US [71] SPEEDLINE TECHNOLOGIES, INC., US [85] 1999-08-05 [86] 1998-02-05 (PCT/US98/02071) [87] 1998-08-13 (WO98/34756) [30] US (08/796,236) 1997-02-06 [30] US (08/967,682) 1997-11-10</p>	<p style="text-align: right;">[21] <b>2,279,893</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 51/28</b> [25] EN [54] <b>A PACKAGE FOR KEEPING PRODUCTS SEPARATE BEFORE USE</b> [54] <b>EMBALLAGE PERMETTANT DE MAINTENIR SEPARES LES PRODUITS AVANT UTILISATION</b> [72] MORINI, EMILIO, IT [71] BORMIOLI ROCCO &amp; FIGLIO S.P.A., IT [85] 1999-07-29 [86] 1997-09-10 (PCT/IT97/00222) [87] 1998-09-03 (WO98/38104) [30] IT (MO97A000029) 1997-02-28</p>	<p style="text-align: right;">[21] <b>2,279,896</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16H 55/36 6B29C 70/84</b> [25] EN [54] <b>PULLEY ASSEMBLY HAVING MOLDED CONNECTION</b> [54] <b>ENSEMBLE POULIE AVEC CONNEXION MOULEE</b> [72] THOMEY, HENRY W., CA [71] LITENS AUTOMOTIVE PARTNERSHIP, CA [85] 1999-08-03 [86] 1998-02-03 (PCT/CA98/00063) [87] 1998-08-06 (WO98/34053) [30] US (60/037,279) 1997-02-03</p>
<p style="text-align: right;">[21] <b>2,279,891</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47L 15/00 6A47L 15/08 6A47L 15/14 6A47L 15/23 6A47L 15/42 6A47L 15/44 6A47L 15/46</b> [25] EN [54] <b>DISHWASHER</b> [54] <b>LAVE-VAISSELLE</b> [72] MAUNSELL, STEVE, NZ [72] KAZIANUS, BABIS, NZ [72] WILKS, JOHN, NZ [72] SARGEANT, ADRIAN, NZ [72] BUTLER, RICHARD GEORGE ARTHUR, NZ [71] FISHER &amp; PAYKEL LIMITED, NZ [85] 1999-07-29 [86] 1998-01-30 (PCT/NZ98/00008) [87] 1998-08-06 (WO98/33426) [30] NZ (314155) 1997-01-30</p>	<p style="text-align: right;">[21] <b>2,279,894</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23K 1/00 6A23L 1/302</b> [25] EN [54] <b>AIDING FERMENTATION, DIGESTION AND METABOLISM IN MAMMALS</b> [54] <b>AGENTS AIDANT LA FERMENTATION, LA DIGESTION ET LE METABOLISME CHEZ LES MAMMIFERES</b> [72] LAWLEY, C. MURRELL, US [71] LAWLEY, INC., US [85] 1999-07-30 [86] 1997-07-11 (PCT/US97/12092) [87] 1998-09-11 (WO98/38873) [30] US (08/808,477) 1997-03-03</p>	<p style="text-align: right;">[21] <b>2,279,897</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/48</b> [25] EN [54] <b>NOVEL ANTIOXIDANT MIXTURE</b> [54] <b>MELANGE ANTIOXYDANT</b> [72] MAES, DANIEL H., US [72] DECLERCQ, LIEVE, BE [72] PELLE, EDWARD, US [72] MARENUS, KENNETH D., US [72] GUBERNICK, JOSEPH, US [71] COLOR ACCESS, INC., US [85] 1999-08-06 [86] 1998-12-16 (PCT/US98/26741) [87] 1999-06-24 (WO99/30682) [30] US (08/992,128) 1997-12-17 [30] US (09/014,232) 1998-01-27</p>

## PCT Applications Entering the National Phase

[21] **2,279,898**  
[13] A1

[51] **Int.Cl. 6C08F 6/28 6C08F 8/00 6C08F 8/34**  
[25] EN  
[54] **ELASTOMER TREATMENT PROCESS TO DECREASE PEROXIDE LEVELS**  
[54] **PROCEDE DE TRAITEMENT D'ELASTOMERES DESTINE A REDUIRE LEURS TAUX DE PEROXYDES**  
[72] GELOTTE, KARL M., US  
[72] D'SILVA, JOSEPH, US  
[71] RHONE-POULENC RORER PHARMACEUTICALS INC., US  
[85] 1999-08-03  
[86] 1998-02-04 (PCT/US98/02068)  
[87] 1998-08-06 (WO98/33827)  
[30] US (60/037,375) 1997-02-04

[21] **2,279,901**  
[13] A1

[51] **Int.Cl. 6G08B 13/14 6F16B 21/00 6A43D 69/00**  
[25] EN  
[54] **DEVICE FOR DETECTING UNAUTHORIZED ARTICLE REMOVAL**  
[54] **APPAREIL DESTINE A ETRE UTILISE DANS LA DETECTION DU PRELEVEMENT NON AUTORISE D'UN PRODUIT PROVENANT D'UN MAGASIN OU D'UN AUTRE ETABLISSEMENT COMMERCIAL**  
[72] DESCHENES, CHARLES L., US  
[71] AVERY DENNISON CORPORATION, US  
[85] 1999-08-03  
[86] 1998-02-03 (PCT/US98/02277)  
[87] 1998-08-06 (WO98/34204)  
[30] US (60/037,114) 1997-02-03

[21] **2,279,904**  
[13] A1

[51] **Int.Cl. 6G01N 21/35**  
[25] EN  
[54] **METHOD FOR MEASURING THE COMPONENTS OF A COATING ON A MOVING BASE MATERIAL**  
[54] **PROCEDE DE DETERMINATION DES COMPOSANTS D'UNE COUCHE SUR UN MATERIAU DE BASE MOBILE**  
[72] TENHUNEN, JUSSI, FI  
[72] TORNBERG, JOUNI, FI  
[72] KÄNSÄKOSKI, MARKKU, FI  
[72] SUMÉN, JUHA, FI  
[71] VALMET AUTOMATION INC., FI  
[85] 1999-08-10  
[86] 1998-02-12 (PCT/FI98/00130)  
[87] 1998-08-20 (WO98/36264)  
[30] FI (970612) 1997-02-13  
[30] US (08/909,287) 1997-08-11

[21] **2,279,899**  
[13] A1

[51] **Int.Cl. 6F16L 15/04**  
[25] EN  
[54] **PIPE JOINT**  
[54] **RACCORD DE TUYAUX**  
[72] MARUYAMA, KAZUSHI, JP  
[72] NAGAYOSHI, HARUYUKI, JP  
[72] TSURU, EIJI, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 1999-08-03  
[86] 1998-12-02 (PCT/JP98/05445)  
[87] 1999-06-10 (WO99/28665)  
[30] JP (9-352174) 1997-12-04  
[30] JP (10-15046) 1998-01-08  
[30] JP (10-322170) 1998-11-12

[21] **2,279,902**  
[13] A1

[51] **Int.Cl. 6A61F 2/02**  
[25] EN  
[54] **METHOD FOR USING TROPOELASTIN AND FOR PRODUCING TROPOELASTIN BIOMATERIALS**  
[54] **PROCEDE POUR UTILISER LA TROPOELASTINE ET POUR PRODUIRE DES BIOMATERIAUX A BASE DE TROPOELASTINE**  
[72] BAROFSKY, ANDREW D., US  
[72] GREGORY, KENTON W., US  
[71] SISTERS OF PROVIDENCE IN OREGON, US  
[85] 1999-08-06  
[86] 1998-02-06 (PCT/US98/02244)  
[87] 1998-08-13 (WO98/34563)  
[30] US (08/797,770) 1997-02-07

[21] **2,279,905**  
[13] A1

[51] **Int.Cl. 6G01N 27/42**  
[25] EN  
[54] **PROCESS OF MANUFACTURING AN ELECTROLYTIC CELL WITH RHODIUM ELECTRODES USEFUL FOR MEASURING WATER IN OXYGEN, HYDROGEN, AND INERT GASES**  
[54] **PROCEDE POUR FABRIQUER UNE CELLULE ELECTROLYTIQUE AVEC DES ELECTRODES EN RHODIUM SERVANT A MESURER LA CONCENTRATION D'EAU DANS DE L'OXYGENE, DE L'HYDROGENE, ET DES GAZ INERTES**  
[72] MacNEEL, THOMAS W., US  
[71] MEECO, INCORPORATED, US  
[85] 1999-08-10  
[86] 1998-02-04 (PCT/US98/02069)  
[87] 1998-08-27 (WO98/37410)  
[30] US (08/803,196) 1997-02-19

[21] **2,279,900**  
[13] A1

[51] **Int.Cl. 6C08L 23/16 6C08J 5/18 6B32B 27/32**  
[25] EN  
[54] **SEALS OF POLYETHYLENE TO A SUBSTRATE**  
[54] **SCELLEMENT DE POLYETHYLENE A UN SUBSTRAT**  
[72] VAN LOON, ACHIEL JOSEPHUS MARIA, BE  
[72] DONALD, FIONA, BE  
[72] DE WAEGENEER, PIERRE A., BE  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 1999-08-05  
[86] 1998-02-24 (PCT/US98/03601)  
[87] 1998-08-27 (WO98/37142)  
[30] US (08/806,182) 1997-02-25  
[30] US (08/847,730) 1997-04-28

[21] **2,279,903**  
[13] A1

[51] **Int.Cl. 6B65D 71/14**  
[25] EN  
[54] **PANEL INTERLOCKING MEANS FOR CARTONS**  
[54] **MOYENS DE BLOCAGE DES PANNEAUX D'UNE BOITE EN CARTON**  
[72] LE BRAS, PHILIPPE, FR  
[71] THE MEAD CORPORATION, US  
[85] 1999-08-06  
[86] 1998-02-06 (PCT/US98/02358)  
[87] 1998-08-13 (WO98/34850)  
[30] GB (9702567.0) 1997-02-07  
[30] GB (9704021.6) 1997-02-26

## Demandes PCT entrant en phase nationale

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[21] **2,279,907**  
[13] A1

[51] **Int.Cl. 6A61F 2/02**  
[25] EN  
[54] **METHOD OF PRODUCING BIOMATERIALS**  
[54] **PROCEDE POUR PRODUIRE DES BIOMATERIAUX**  
[72] GREGORY, KENTON W., US  
[71] SISTERS OF PROVIDENCE IN OREGON, US  
[71] GREGORY, KENTON W., US  
[85] 1999-08-06  
[86] 1998-02-06 (PCT/US98/02243)  
[87] 1998-08-27 (WO98/36707)  
[30] US (08/798,425) 1997-02-07  
[30] US (08/798,426) 1997-02-07

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[21] **2,279,908**  
[13] A1

[51] **Int.Cl. 6C03C 17/34 6G02B 1/10 6G02B 1/11**  
[25] EN  
[54] **METHOD FOR PREPARING A MULTILAYER OPTICAL MATERIAL WITH CROSSLINKING-DENSIFYING BY ULTRAVIOLET RADIATION AND RESULTING OPTICAL MATERIAL**  
[54] **PROCEDE DE PREPARATION D'UN MATERIAU OPTIQUE MULTICOUCHES AVEC RETICULATION-DENSIFICATION PAR INSOLATION AUX RAYONS ULTRAVIOLETS ET MATERIAU OPTIQUE AINSI PREPARE**  
[72] PRENE, PHILIPPE, FR  
[72] BELLEVILLE, PHILIPPE, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[85] 1999-08-05  
[86] 1998-02-06 (PCT/FR98/00230)  
[87] 1998-08-13 (WO98/34884)  
[30] FR (97/01484) 1997-02-10

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[21] **2,279,909**  
[13] A1

[51] **Int.Cl. 6B22D 11/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CASTING MOLTEN METAL, AND CAST PIECE**  
[54] **PROCEDE ET APPAREIL DE MOULAGE DE METAL EN FUSION ET PIECES AINSI OBTENUES**  
[72] FUJISAKI, KEISUKE, JP  
[72] SASAI, KATSUHIRO, JP  
[72] HASEGAWA, HAJIME, JP  
[72] TOH, TAKEHIKO, JP  
[72] TAKEUCHI, EIICHI, JP  
[72] HARADA, HIROSHI, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 1999-08-05  
[86] 1998-12-08 (PCT/JP98/05550)  
[87] 1999-06-17 (WO99/29452)  
[30] JP (9-337195) 1997-12-08  
[30] JP (9-348151) 1997-12-17

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[21] **2,279,910**  
[13] A1

[51] **Int.Cl. 6G02B 6/42**  
[25] EN  
[54] **DEVICE FOR RE-DIRECTING LIGHT FROM OPTICAL WAVEGUIDE**  
[54] **DISPOSITIF PERMETTANT DE REORIENTER LA LUMIERE PROVENANT D'UN GUIDE D'ONDE OPTIQUE**  
[72] GORTON, STEPHEN, GB  
[72] ASGHARI, MEHDI, GB  
[72] HARPIN, ARNOLD PETER ROSCOE, GB  
[72] RICKMAN, ANDREW GEORGE, GB  
[72] MORRIS, ROBIN JEREMY RICHARD, GB  
[71] BOOKHAM TECHNOLOGY LIMITED, GB  
[85] 1999-08-06  
[86] 1998-02-06 (PCT/GB98/00382)  
[87] 1998-08-13 (WO98/35253)  
[30] GB (9702559.7) 1997-02-07

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[21] **2,279,911**  
[13] A1

[51] **Int.Cl. 6A61B 17/70**  
[25] EN  
[54] **EXPANDABLE NON-THREADED SPINAL FUSION DEVICE**  
[54] **DISPOSITIF D'ARTHRODESE NON FILETE EXTENSIBLE**  
[72] RAY, CHARLES DEAN, US  
[71] SURGICAL DYNAMICS, US  
[85] 1999-08-05  
[86] 1998-02-06 (PCT/US98/02148)  
[87] 1998-08-13 (WO98/34552)  
[30] US (60/037,458) 1997-02-06

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[21] **2,279,912**  
[13] A1

[51] **Int.Cl. 6H04M 3/00 6H04M 5/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CALL PARK AND TRANSFER IN A TELECOMMUNICATIONS NETWORK**  
[54] **SYSTEME ET PROCEDE DE MISE EN GARDE PAR INDICATIF ET DE TRANSFERT D'APPELS DANS UN RESEAU DE TELECOMMUNICATIONS**  
[72] TAYLOR, FRANCES D.E., US  
[72] CHANEY, CHRISTINE S., US  
[72] ALLISON, JEFFERY E., SR., US  
[71] MCI COMMUNICATIONS CORPORATION, US  
[85] 1999-08-05  
[86] 1998-02-06 (PCT/US98/02090)  
[87] 1998-08-13 (WO98/35482)  
[30] US (08/796,840) 1997-02-07

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[21] **2,279,913**  
[13] A1

[51] **Int.Cl. 6D04H 1/64**  
[25] EN  
[54] **NONWOVEN FABRIC OF NON-CELLULOSE FIBERS HAVING IMPROVED WET TENSILE STRENGTH**  
[54] **NON-TISSE DE FIBRES NON CELLULOSIQUES A RESISTANCE ACCRUE EN MILIEU HUMIDE**  
[72] DIEHL, DAVID F., US  
[71] GENCORP INC., US  
[85] 1999-08-06  
[86] 1997-02-07 (PCT/US97/02034)  
[87] 1998-08-13 (WO98/35085)

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## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,915</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63F 7/02</b> [25] EN [54] <b>COMPETITIVE TABLE-TOP GAME WITH ACTION-DISCHARGE</b> [54] <b>JEU DE TABLE DE COMPETITION A PROJECTION D'ATTAQUE</b> [72] GOLDFARB, ADOLPH E., US [72] GOLDFARB, MARTIN I., US [71] GOLDFARB, ADOLPH E., US [85] 1999-08-05 [86] 1997-10-04 (PCT/US97/17764) [87] 1998-08-13 (WO98/34694) [30] US (08/796,713) 1997-02-06</p>	<p style="text-align: right;">[21] <b>2,279,921</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 23/06</b> [25] EN [54] <b>SUPPORT STRUCTURE FOR BED BASES</b> [54] <b>STRUCTURE DE SUPPORT POUR BASES DE LIT</b> [72] GANDOLFI, STEFANO, IT [72] PONTONI, GIANCARLO, IT [71] ESPERIDES S.R.L., IT [85] 1999-08-10 [86] 1997-08-14 (PCT/EP97/04571) [87] 1998-08-20 (WO98/35591) [30] IT (UD97A000034) 1997-02-17</p>	<p style="text-align: right;">[21] <b>2,279,926</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23N 1/00</b> [25] EN [54] <b>VALVE STRUCTURE FOR BURNERS OF DOMESTIC GAS STOVES</b> [54] <b>STRUCTURE DE SOUPAPE POUR BRULEURS DE POELES DOMESTIQUES A GAZ</b> [72] TREJO CAMPOS, JOSÉ, MX [72] GONZALEZ SOTO, ROBERTO, MX [72] AGUIRRE ESPONDA, GUILLERMO, MX [72] GONZALEZ RODRIGUEZ, JOSÉ SEBASTIAN, MX [72] MEJIA FAVELA, REY ELADIO, MX [71] VITROMATIC COMERCIAL S.A. DE C.V., MX [71] SOURDILLON DE MEXICO, S.A. DE C.V., MX [85] 1999-08-10 [86] 1998-12-09 (PCT/MX98/00056) [87] 1999-06-17 (WO99/30083) [30] US (08/988,749) 1997-12-11</p>
<p style="text-align: right;">[21] <b>2,279,916</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 35/66 6C04B 40/00 6F27D 1/16</b> [25] EN [54] <b>CASTABLE REFRACTORY COMPOSITION AND METHODS OF MAKING REFRACTORY BODIES</b> [54] <b>COMPOSITION REFRACTAIRE PLASTIQUE ET PROCEDE DE FABRICATION DE CORPS REFRACTAIRES</b> [72] GNAUCK, VOLKER, DE [72] KRIECHBAUM, GANGOLF W., DE [71] ALCOA CHEMIE GMBH, DE [85] 1999-08-06 [86] 1997-11-07 (PCT/US97/20477) [87] 1998-08-13 (WO98/34887) [30] US (08/797,377) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,279,923</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/32</b> [25] EN [54] <b>PREDICTIVE CODING METHOD AND DECODING METHOD FOR DYNAMIC IMAGE</b> [54] <b>PROCEDE DE CODAGE PREDICTIF ET PROCEDE DE DECODAGE POUR IMAGE DYNAMIQUE</b> [72] SHIMIZU, ATSUSHI, JP [72] JOZAWA, HIROHISA, JP [72] WATANABE, HIROSHI, JP [72] KAMIKURA, KAZUTO, JP [71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP [85] 1999-08-10 [86] 1998-01-27 (PCT/JP98/00305) [87] 1998-08-20 (WO98/36577) [30] JP (9/30367) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,279,927</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 487/00 6C07D 491/00 6C07D 495/00 6C07C 69/02</b> [25] EN [54] <b>FIBRINOGEN RECEPTOR ANTAGONIST PRODRUGS</b> [54] <b>PROMEDICAMENTS ANTAGONISTES DE RECEPTEUR DE FIBRINOGENE</b> [72] YOUNG, STEVE D., US [72] EGBERTSON, MELISSA S., US [72] HARTMAN, GEORGE D., US [72] COOK, JACQUELYNN J., US [71] MERCK &amp; CO., INC., US [85] 1999-08-05 [86] 1998-02-02 (PCT/US98/01998) [87] 1998-08-13 (WO98/34935) [30] US (60/036,901) 1997-02-06 [30] GB (9707489.2) 1997-04-14</p>
<p style="text-align: right;">[21] <b>2,279,919</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 1/20 6A61K 39/02 6C12N 15/31</b> [25] EN [54] <b>RENIBACTERIUM SALMONINARUM VACCINE</b> [54] <b>VACCIN CONTRE RENIBACTERIUM SALMONINARUM</b> [72] GRIFFITHS, STEVEN GARETH, CA [72] SALONIUS, KIRA, CA [71] AQUA HEALTH (EUROPE) LIMITED, GB [85] 1999-07-30 [86] 1998-01-08 (PCT/GB98/00256) [87] 1998-08-06 (WO98/33884) [30] GB (9701897.2) 1997-01-30</p>	<p style="text-align: right;">[21] <b>2,279,924</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F42C 19/12</b> [25] EN [54] <b>HIGH IMPEDANCE SEMICONDUCTOR BRIDGE DETONATOR</b> [54] <b>DETONATEUR MUNI D'UN PONT SEMI-CONDUCTEUR A FORTE IMPEDANCE</b> [72] EWICK, DAVID W., US [71] THE ENSIGN-BICKFORD COMPANY, US [85] 1999-08-10 [86] 1998-03-02 (PCT/US98/04025) [87] 1998-09-11 (WO98/39615) [30] US (08/812,662) 1997-03-07</p>	

## Demandes PCT entrant en phase nationale

[21] **2,279,929**  
[13] A1

[51] **Int.Cl. 6C07D 235/06 6C07D 401/10 6C07D 403/10 6A61K 31/415 6A61K 31/445**  
[25] EN  
[54] **PHENYLBENZIMIDAZOLE DERIVATIVES AS LIGANDS FOR GABA RECEPTORS**  
[54] **DERIVES DE PHENYLBENZIMIDAZOLE UTILISES COMME LIGANDS POUR LES RECEPTEURS DE GABA**  
[72] TEALL, MARTIN RICHARD, GB  
[72] HARRISON, TIMOTHY, GB  
[72] SPAREY, TIMOTHY JASON, GB  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 1999-08-05  
[86] 1998-02-02 (PCT/GB98/00322)  
[87] 1998-08-13 (WO98/34923)  
[30] GB (9702524.1) 1997-02-07

[21] **2,279,930**  
[13] A1

[51] **Int.Cl. 6B30B 11/00 6B30B 11/08 6B30B 15/32**  
[25] EN  
[54] **IMPROVED EXIT CHUTE FOR PHARMACEUTICAL TABLET PRESS MACHINE**  
[54] **GOULOTTE DE DECHARGE AMELIOREE D'UNE PRESSE A COMPRIMES PHARMACEUTIQUES**  
[72] COBLE, HERBERT DALE, US  
[72] MAPLES, ROBIN CARY, US  
[72] MARTIN, ROSS VINCENT, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 1999-08-10  
[86] 1998-02-10 (PCT/EP98/00680)  
[87] 1998-08-20 (WO98/35822)  
[30] US (08.798688) 1997-02-12

[21] **2,279,932**  
[13] A1

[51] **Int.Cl. 6C07H 17/08 6A61K 31/70**  
[25] EN  
[54] **3'-N-OXIDE, 3'-N-DIMETHYLAMINE, 9-OXIME ERYTHROMYCIN A DERIVATIVES**  
[54] **DERIVES DE 3'-N-OXYDE, 3'-N-DIMETHYLAMINE, 9-OXIME ERYTHROMYCINE A**  
[72] RILEY, DAVID A., US  
[72] KU, YI-YIN, US  
[71] ABBOTT LABORATORIES, US  
[85] 1999-08-10  
[86] 1998-02-03 (PCT/US98/01929)  
[87] 1998-08-20 (WO98/35976)  
[30] US (08/800,009) 1997-02-13

[21] **2,279,933**  
[13] A1

[51] **Int.Cl. 6A61B 5/14 6A61M 37/00**  
[25] EN  
[54] **APPARATUS FOR OBTAINING BIOLOGICAL FLUIDS**  
[54] **DISPOSITIF SERVANT A PRELEVER DES LIQUIDES BIOLOGIQUES**  
[72] SHAIN, ERIC B., US  
[72] ELSTROM, TUAN A., US  
[71] ABBOTT LABORATORIES, US  
[85] 1999-08-05  
[86] 1998-02-05 (PCT/US98/02076)  
[87] 1998-08-13 (WO98/34541)  
[30] US (08/798,403) 1997-02-07

[21] **2,279,934**  
[13] A1

[51] **Int.Cl. 6H04B 10/26**  
[25] EN  
[54] **SIGNALLING SYSTEM**  
[54] **SYSTEME DE SIGNALISATION**  
[72] GREEN, ALAN EDWARD, GB  
[72] MORRISON, EUAN, GB  
[72] PETTIGREW, ROBERT MARTIN, GB  
[71] SCIENTIFIC GENERICS LIMITED, GB  
[85] 1999-08-10  
[86] 1998-02-11 (PCT/GB98/00421)  
[87] 1998-08-13 (WO98/35328)  
[30] GB (9702726.2) 1997-02-11  
[30] GB (9706062.8) 1997-03-24

[21] **2,279,935**  
[13] A1

[51] **Int.Cl. 6A61K 39/39**  
[25] EN  
[54] **CHELATING IMMUNOSTIMULATING COMPLEXES**  
[54] **COMPLEXES IMMUNOSTIMULANTS CHELATEURS**  
[72] MACFARLAN, RODERICK IAN, AU  
[72] MALLIAROS, JIM, AU  
[71] CLS LIMITED, AU  
[85] 1999-08-05  
[86] 1998-02-13 (PCT/AU98/00080)  
[87] 1998-08-27 (WO98/36772)  
[30] AU (PO 5178) 1997-02-19

[21] **2,279,936**  
[13] A1

[51] **Int.Cl. 6A61B 17/70**  
[25] EN  
[54] **ANTERIOR CERVICAL PLATING SYSTEM, INSTRUMENTATION, AND METHOD OF INSTALLATION**  
[54] **SYSTEME POUR POSER DES PLAQUES D'OSTEOSYNTHESE CERVICALES ANTERIEURES, INSTRUMENT ET METHODE DE POSE**  
[72] MICHELSON, GARY KARLIN, US  
[71] MICHELSON, GARY KARLIN, US  
[85] 1999-08-09  
[86] 1998-02-11 (PCT/US98/02212)  
[87] 1998-08-13 (WO98/34553)  
[30] US (60/037,139) 1997-02-11  
[30] US (09/022,293) 1998-02-11

[21] **2,279,937**  
[13] A1

[51] **Int.Cl. 6A01B 15/02**  
[25] EN  
[54] **GROUND WORKING IMPLEMENT INCLUDING A SHANK AND A TIP**  
[54] **OUTIL POUR TRAVAILLER LA TERRE COMPRENANT UN CORPS ET UNE EXTREMITE**  
[72] HALFORD, CHRISTOPHER J., CA  
[72] HALFORD, JAMES W., CA  
[71] HALFORD, CHRISTOPHER J., CA  
[71] HALFORD, JAMES W., CA  
[85] 1999-08-05  
[86] 1998-02-27 (PCT/CA98/00147)  
[87] 1998-09-03 (WO98/37749)  
[30] US (08/810,912) 1997-02-27

[21] **2,279,938**  
[13] A1

[51] **Int.Cl. 6A61B 17/80**  
[25] EN  
[54] **SKELETAL PLATING SYSTEM**  
[54] **SYSTEME POUR POSER DES PLAQUES D'OSTEOSYNTHESE SQUELETTIQUES**  
[72] MICHELSON, GARY KARLIN, US  
[71] MICHELSON, GARY KARLIN, US  
[85] 1999-08-09  
[86] 1998-02-11 (PCT/US98/02213)  
[87] 1998-08-13 (WO98/34556)  
[30] US (60/037,139) 1997-02-11  
[30] US (09/022,344) 1998-02-11



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,939</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/52</b> [25] EN [54] <b>TREATMENT AND PREVENTION OF ADHESIONS</b> [54] <b>TRAITEMENT ET PREVENTION DES ADHERENCES</b> [72] NAGLER, ARNON, IL [72] PINES, MARK, IL [71] AGRICULTURAL RESEARCH ORGANIZATION, MINISTRY OF AGRICULTURE, IL [71] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT COMPANY LTD., IL [85] 1999-08-05 [86] 1998-02-11 (PCT/IL98/00069) [87] 1998-08-13 (WO98/34617) [30] US (08/797,701) 1997-02-11</p>	<p style="text-align: right;">[21] <b>2,279,943</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/505</b> [25] EN [54] <b>TREATMENT OF SKIN DISORDERS</b> [54] <b>TRAITEMENT DES AFFECTIONS DE LA PEAU</b> [72] NAGLER, ARNON, IL [72] PINES, MARK, IL [71] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT COMPANY LTD., IL [71] AGRICULTURAL RESEARCH ORGANIZATION, MINISTRY OF AGRICULTURE, IL [85] 1999-08-05 [86] 1998-02-11 (PCT/IL98/00071) [87] 1998-08-13 (WO98/34616) [30] US (08/797,702) 1997-02-11</p>	<p style="text-align: right;">[21] <b>2,279,946</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/195 6A61K 31/40 6A61K 31/785</b> [25] EN [54] <b>MEDIATION OF CYTOKINES BY MELANIN</b> [54] <b>REGULATION DE LA PRODUCTION DE CYTOKINES PAR LA MELANINE</b> [72] MOHAGHEGHPUR, NAHID, US [71] SRI INTERNATIONAL, US [85] 1999-08-09 [86] 1998-02-10 (PCT/US98/02971) [87] 1998-08-13 (WO98/34602) [30] US (08/798,846) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,279,940</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F41A 9/62</b> [25] EN [54] <b>SELF-CONTAINED MAGAZINE AND WEAPON SYSTEM INCORPORATING SAME</b> [54] <b>CHARGEUR AUTONOME ET SYSTEME D'ARME INCORPORANT CELUI-CI</b> [72] WRIGHT, BARRY M., SR., US [72] BURKO, MITCHELL S., US [72] WRIGHT, BARRY M., JR., US [71] WRIGHT, BARRY M., SR., US [71] BURKO, MITCHELL S., US [71] WRIGHT, BARRY M., JR., US [85] 1999-08-05 [86] 1998-02-12 (PCT/US98/02592) [87] 1998-08-13 (WO98/35200) [30] US (08/798,806) 1997-02-12</p>	<p style="text-align: right;">[21] <b>2,279,944</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 15/08 6G01N 30/56</b> [25] EN [54] <b>METHOD FOR CHARGING THE PARTICLE BED SPACE OF A CHROMATOGRAPH</b> [54] <b>PROCEDE POUR CHARGER L'ESPACE DU LIT DE PARTICULES D'UN CHROMATOGRAPHE</b> [72] PRIOR, ADALBERT, AT [71] PRIOR SEPARATION TECHNOLOGY GMBH, AT [85] 1999-08-09 [86] 1998-12-10 (PCT/AT98/00300) [87] 1999-06-17 (WO99/29389) [30] AT (GM 768/97) 1997-12-10</p>	<p style="text-align: right;">[21] <b>2,279,947</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/365</b> [25] EN [54] <b>DRUGS FOR MEMORY ENHANCEMENT</b> [54] <b>MEDICAMENTS DESTINES A AMELIORER LA MEMOIRE</b> [72] GABRIEL, RICHARD L., US [71] ALLELIX PHARM-ECO L.P., CA [85] 1999-08-05 [86] 1998-02-04 (PCT/US98/02009) [87] 1998-08-06 (WO98/33498) [30] US (60/036,889) 1997-02-05</p>
<p style="text-align: right;">[21] <b>2,279,942</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 15/08 6B01J 47/02 6B01J 8/04</b> [25] EN [54] <b>ANNULAR CHROMATOGRAPH</b> [54] <b>CHROMATOGRAPHE ANNULAIRE</b> [72] PRIOR, ADALBERT, AT [71] PRIOR SEPARATION TECHNOLOGY GMBH, AT [85] 1999-08-09 [86] 1998-12-09 (PCT/AT98/00299) [87] 1999-06-17 (WO99/29388) [30] AT (A 2076/97) 1997-12-09</p>	<p style="text-align: right;">[21] <b>2,279,945</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 27/14 6G01N 15/14</b> [25] EN [54] <b>INFRARED SPECTROSCOPY FOR MEDICAL IMAGING</b> [54] <b>SPECTROSCOPIE INFRAROUGE POUR L'IMAGERIE MEDICALE</b> [72] MACLEAN, DANIEL S., CA [72] ROSENBLATT, GORDON, CA [72] RAZ, RYAN S., CA [71] MORPHOMETRIX TECHNOLOGIES INC., CA [85] 1999-08-05 [86] 1998-02-06 (PCT/CA98/00092) [87] 1998-08-13 (WO98/35262) [30] US (60/037,454) 1997-02-06</p>	<p style="text-align: right;">[21] <b>2,279,948</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14 6G06F 1/00</b> [25] EN [54] <b>SECURITY SYSTEMS</b> [54] <b>SYSTEMES DE SECURITE</b> [72] HOPKINS, JONATHAN, GB [72] BRADLEY, DAVID WILLIAM, GB [72] REEDER, STEPHEN MICHAEL, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 1999-08-09 [86] 1998-02-04 (PCT/GB98/00337) [87] 1998-08-20 (WO98/36391) [30] EP (97301006.9) 1997-02-17</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,949</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 1/00</b> [25] EN [54] <b>PRINTED CIRCUIT ASSEMBLY WITH FLEXIBLE SUPPORT</b> [54] <b>ENSEMBLE CIRCUIT IMPRIME AVEC SUPPORT FLEXIBLE</b> [72] FERNANDEZ, SALVADOR GOMEZ, ES [71] LEAR AUTOMOTIVE DEARBORN, INC., US [71] MECANISMOS AUXILIARES INDUSTRIALES, S.A., ES [85] 1999-08-05 [86] 1998-01-29 (PCT/US98/01732) [87] 1998-08-06 (WO98/34442) [30] ES (P 9700225) 1997-02-05</p>	<p style="text-align: right;">[21] <b>2,279,953</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 25/222</b> [25] EN [54] <b>METHOD FOR PREPARING PHOSPHORIC ACID</b> [54] <b>PROCEDE POUR PREPARER DE L'ACIDE PHOSPHORIQUE</b> [72] LACH, KAZIMIERZ, PL [72] SOSNOWSKI, JAN, PL [72] SOWA, JERZY, PL [72] MASZTALERZ, PIOTR, PL [72] TOMASZEWSKI, ZBIGNIEW, PL [72] WYSOCKI, ANDRZEJ, PL [72] MARSZALEK, JEREMI, PL [72] TREFLER, BRONISLAW, PL [72] FOLEK, STANISLAW, PL [71] INSTYTUT CHEMII NIEORGANICZNEJ, PL [71] ZAKLADY CHEMICZNE "POLICE" S.A., PL [85] 1999-08-05 [86] 1998-01-30 (PCT/PL98/00003) [87] 1998-09-03 (WO98/38127) [30] PL (P.318706) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,279,955</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 24/26</b> [25] EN [54] <b>FLUID LOSS CONTROL AGENTS AND COMPOSITIONS FOR CEMENTING OIL WELLS COMPRISING SAID FLUID LOSS CONTROL AGENT</b> [54] <b>AGENTS DE LUTTE CONTRE LES PERTES DE FLUIDE ET COMPOSITIONS POUR CIMENTATION COMPRENANT CET AGENT DE LUTTE CONTRE LES PERTES DE FLUIDE</b> [72] MOULIN, ERIC, FR [71] SCHLUMBERGER CANADA LIMITED, CA [85] 1999-08-04 [86] 1998-02-11 (PCT/EP98/00774) [87] 1998-08-20 (WO98/35918) [30] FR (97/01848) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,279,952</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 27/00 6G01M 11/02 6F41G 7/20</b> [25] EN [54] <b>GENERAL ASPHERE-CONIC CONFORMAL OPTICAL WINDOWS</b> [54] <b>FENETRES OPTIQUES CONFORMES GENERALEMENT ASPHERICO-CONIQUES</b> [72] SPARROLD, SCOTT W., US [72] MILLS, JAMES B., US [72] McKENNEY, DEAN B., US [72] CROWTHER, BLAKE G., US [71] RAYTHEON COMPANY, US [85] 1999-08-05 [86] 1998-12-07 (PCT/US98/25911) [87] 1999-07-29 (WO99/38033) [30] US (60/067,914) 1997-12-08 [30] US (09/187,432) 1998-11-05</p>	<p style="text-align: right;">[21] <b>2,279,954</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 18/67 6C07C 269/02 6C09D 175/04 6C08G 18/38</b> [25] EN [54] <b>POLYFLUOROURETHANE ADDITIVES FOR CURABLE COATING COMPOSITIONS</b> [54] <b>ADDITIFS AU POLYFLUOROETHANE POUR COMPOSITIONS DE REVETEMENT DURCISSABLES</b> [72] KIRCHNER, JACK ROBERT, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-02-18 (PCT/US98/03138) [87] 1998-09-03 (WO98/38232) [30] US (08/807,855) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,279,956</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 3/34 6B23K 35/26</b> [25] EN [54] <b>PRINTED CIRCUIT ASSEMBLY</b> [54] <b>ENSEMBLE CIRCUIT IMPRIME</b> [72] NGUYEN, TUAN D., US [71] PULSE ENGINEERING, INC., US [85] 1999-08-05 [86] 1998-02-06 (PCT/US98/02707) [87] 1998-08-20 (WO98/36626) [30] US (08/801,825) 1997-02-14</p>
		<p style="text-align: right;">[21] <b>2,279,958</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F25D 31/00 6F28D 7/12 6F28F 1/14</b> [25] EN [54] <b>FREEZING AND THAWING VESSEL WITH THERMAL BRIDGES</b> [54] <b>CONTENEUR DE REFROIDISSEMENT ET DE DECONGELATION EQUIPE DE PONTS THERMIQUES</b> [72] WISNIEWSKI, RICHARD, US [72] LEONARD, LEONIDAS [71] INTEGRATED BIOSYSTEMS, US [85] 1999-08-04 [86] 1998-02-04 (PCT/US98/02065) [87] 1998-08-06 (WO98/34078) [30] US (60/037,283) 1997-02-04 [30] US (08/895,782) 1997-07-17 [30] US (08/895,936) 1997-07-17 [30] US (08/895,777) 1997-07-17</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,959</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01T 1/202</b> [25] EN [54] <b>SEGMENTED SCINTILLATION DETECTOR FOR PHOTON INTERACTION COORDINATES</b> [54] <b>DETECTEUR DE SCINTILLATION SEGMENTEE POUR COORDONNEES D'INTERACTION DES PHOTONS</b> [72] MOISAN, CHRISTIAN, CA [72] ROGERS, JOEL G., CA [72] PAQUET, SEBASTIAN, CA [72] ANDREACO, MARK S., US [71] CTI, INC., US [71] THE UNIVERSITY OF ALBERTA, SIMON FRASER UNIVERSITY, THE UNIVERSITY OF VI, CA [85] 1999-08-10 [86] 1998-02-05 (PCT/US98/02340) [87] 1998-08-13 (WO98/35242) [30] US (60/037,519) 1997-02-10 [30] US (60/042,002) 1997-04-16 [30] US (60/018,949) 1998-02-05</p>	<p style="text-align: right;">[21] <b>2,279,961</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63H 7/00 6A63H 11/18 6A63H 3/20</b> [25] EN [54] <b>WALKING MECHANISM FOR TOYS</b> [54] <b>MECANISME MARCHEUR POUR JOUETS</b> [72] KURALT, R. BLAKE, US [72] TERZIAN, ROUBEN T., US [71] BRESLOW, MORRISON, TERZIAN &amp; ASSOCIATES, L.L.C., US [85] 1999-08-05 [86] 1998-02-06 (PCT/US98/02135) [87] 1998-08-13 (WO98/34700) [30] US (08/797,581) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,279,965</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 30/46 6B01D 15/08</b> [25] EN [54] <b>METHOD AND DEVICE FOR PARALLEL CHROMATOGRAPHY</b> [54] <b>DISPOSITIF ET PROCEDE POUR CHROMATOGRAPHIE EN PARALLELE</b> [72] MESSINGER, JOSEF, DE [72] GUNDLACH, FRANK, DE [72] SINNER, ERNST, DE [71] SOLVAY PHARMACEUTICALS GMBH, DE [85] 1999-08-05 [86] 1998-02-02 (PCT/EP98/00535) [87] 1998-08-13 (WO98/35227) [30] DE (197 04 477.8) 1997-02-06</p>
<p style="text-align: right;">[21] <b>2,279,960</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 317/30 6C07D 307/20 6C07D 317/20 6C07D 211/22 6C07D 317/22 6C07D 211/34 6C07C 69/612 6C07C 69/738</b> [25] EN [54] <b>SYNTHESIS OF TERFENADINE AND DERIVATIVES</b> [54] <b>SYNTHESE DE TERFENADINE ET SES DERIVES</b> [72] FANG, QUN KEVIN, US [72] SENANAYAKE, CHRIS HUGH, US [72] WILKINSON, SCOTT HAROLD, US [71] SEPRACOR, INC., US [85] 1999-08-04 [86] 1998-01-20 (PCT/US98/00898) [87] 1998-08-06 (WO98/33789) [30] US (08/803,895) 1997-02-04</p>	<p style="text-align: right;">[21] <b>2,279,962</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/32 6A61K 7/00</b> [25] EN [54] <b>ANTIPERSPIRANT COMPOSITION</b> [54] <b>COMPOSITION ANTISUDORALE</b> [72] TEMPLE, JOHN, GB [71] UNILEVER PLC, GB [85] 1999-08-10 [86] 1998-02-11 (PCT/EP98/00812) [87] 1998-08-20 (WO98/35648) [30] GB (9703261.9) 1997-02-17</p>	<p style="text-align: right;">[21] <b>2,279,966</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 35/636 6B22F 3/00 6C22C 1/04 6C04B 24/38</b> [25] EN [54] <b>GEL STRENGTH ENHANCING ADDITIVES FOR AGAROID-BASED INJECTION MOLDING COMPOSITIONS</b> [54] <b>ADDITIFS FAVORISANT LE POUVOIR GELIFIANT DESTINES A DES COMPOSITIONS POUR MOULAGE PAR INJECTION A BASE D'AGAROIDES</b> [72] FANELLI, ANTHONY, US [72] BURLEW, JOAN V., US [72] BALLARD, CLIFFORD PALMER JR., US [72] BEHI, MOHAMMAD, US [71] ALLIEDSIGNAL INC., US [85] 1999-08-04 [86] 1998-02-05 (PCT/US98/02165) [87] 1998-08-06 (WO98/33614) [30] US (08/796,012) 1997-02-05</p>
<p style="text-align: right;">[21] <b>2,279,964</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B02C 19/12 6B02C 23/08</b> [25] EN [54] <b>METAL RECOVERY FROM SALT CAKE AND OTHER COMPOSITIONS</b> [54] <b>RECUPERATION DE METAL A PARTIR D'UN GATEAU DE SEL OU D'AUTRES COMPOSITIONS</b> [72] HARGIS, ROBERT L., US [72] CHEEK, RALPH, US [72] GROSSO, PHILIP, US [71] IMCO RECYCLING, INC., US [85] 1999-08-04 [86] 1998-02-06 (PCT/US98/02530) [87] 1998-08-13 (WO98/34730) [30] US (08/797,528) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,279,967</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/215</b> [25] EN [54] <b>METHOD OF ENHANCING HAIR GROWTH</b> [54] <b>PROCEDE PERMETTANT DE STIMULER LE DEVELOPPEMENT DU SYSTEME PILEUX ET LA POUSSE DES CHEVEUX</b> [72] JOHNSTONE, MURRAY A., US [71] JOHNSTONE, MURRAY A., US [85] 1999-08-04 [86] 1998-02-03 (PCT/US98/02289) [87] 1998-08-06 (WO98/33497) [30] US (60/037,237) 1997-02-04</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,279,968</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 37/20 6B01J 37/12</b> [25] EN [54] <b>EX-SITU PRESULPHIDED HYDROCARBON CONVERSION CATALYSTS</b> [54] <b>CATALYSEURS DE CONVERSION D'HYDROCARBONES PRESULFURES EX-SITU</b> [72] ADAMS, CHARLES TERRELL, US [72] CHEN, ANDREW AN-JU, US [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL [85] 1999-08-05 [86] 1998-02-06 (PCT/EP98/00722) [87] 1998-08-13 (WO98/34728) [30] US (08/797021) 1997-02-07</p>	<p style="text-align: center;">[21] <b>2,279,971</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/58 6C07J 73/00 6A61K 31/565</b> [25] EN [54] <b>ANDROGEN SYNTHESIS INHIBITORS</b> [54] <b>INHIBITEURS DE SYNTHESE D'ANDROGENES</b> [72] BRODIE, ANGELA, US [72] LING, YANGZHI, CN [71] UNIVERSITY OF MARYLAND AT BALTIMORE, US [85] 1999-08-04 [86] 1998-02-05 (PCT/US98/01569) [87] 1998-08-06 (WO98/33506) [30] US (08/795,932) 1997-02-05</p>	<p style="text-align: center;">[21] <b>2,279,979</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F15B 13/044</b> [25] EN [54] <b>SPOOL VALVE</b> [54] <b>DISTRIBUTEUR A TIROIR CYLINDRIQUE</b> [72] STURMAN, ODED E., US [71] STURMAN, ODED E., US [85] 1999-08-05 [86] 1998-03-17 (PCT/US98/05151) [87] 1998-10-08 (WO98/44267) [30] US (08/828,894) 1997-03-28</p>
<p style="text-align: center;">[21] <b>2,279,969</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 67/39 6C07C 69/44</b> [25] EN [54] <b>METHOD OF OXIDIZING ALKYL-5-FORMYL VALERATE TO MONOALKYL ADIPATE</b> [54] <b>PROCEDE D'OXYDATION D'UN ALKYLE-5-FORMYLE VALERATE EN MONOALKYLE ADIPATE</b> [72] LANE, SAMUEL LIVINGSTON, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [71] DSM N.V., NL [85] 1999-08-05 [86] 1998-03-24 (PCT/US98/05585) [87] 1998-10-08 (WO98/43939) [30] US (08/828,974) 1997-03-27</p>	<p style="text-align: center;">[21] <b>2,279,972</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 301/24 6C08G 59/06 6C07C 17/16</b> [25] EN [54] <b>PROCESS FOR THE MANUFACTURE OF EPOXY COMPOUNDS</b> [54] <b>PROCEDE DE PREPARATION DE COMPOSES EPOXIDIQUES</b> [72] WALHOF, JUDITH JOHANNA BERENDINA, NL [72] SMITS, JOZEF JACOBUS TITUS, NL [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL [85] 1999-08-05 [86] 1998-02-06 (PCT/EP98/00721) [87] 1998-08-13 (WO98/34930) [30] EP (97200329.7) 1997-02-07</p>	<p style="text-align: center;">[21] <b>2,279,980</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/53</b> [25] EN [54] <b>TRICYCLIC TETRAHYDROQUINOLINE DERIVATIVES AND TRICYCLIC TETRAHYDROQUINOLINE COMBINATORIAL LIBRARIES</b> [54] <b>DERIVES DE LA TETRAHYDROQUINOLINE TRICYCLIQUE, ET BIBLIOTHEQUES COMBINATOIRES DE LA TETRAHYDROQUINOLINE TRICYCLIQUE</b> [72] HAYES, THOMAS K., US [72] KIELY, JOHN S., US [71] TREGA BIOSCIENCES, INC., US [85] 1999-08-04 [86] 1997-12-05 (PCT/US97/22206) [87] 1998-08-06 (WO98/34111) [30] US (08/795,893) 1997-02-04</p>
<p style="text-align: center;">[21] <b>2,279,970</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D01D 5/11 6D04H 3/16 6D01F 6/30 6D01F 6/46 6D04H 1/54</b> [25] EN [54] <b>FLASH-SPUN PRODUCTS</b> [54] <b>PRODUITS OBTENUS PAR FLASH SPINNING</b> [72] KIM, YOUNG H., US [72] MCGINTY, DAVID JACKSON, US [72] SHIN, HYUNKOOK, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-03-24 (PCT/US98/05734) [87] 1998-10-08 (WO98/44176) [30] US (08/825,271) 1997-03-27</p>	<p style="text-align: center;">[21] <b>2,279,978</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 5/08 6A61K 35/12 6A61K 35/18</b> [25] EN [54] <b>ANTIGENIC MODULATION OF CELLS</b> [54] <b>MODULATION ANTIGENIQUE DE CELLULES</b> [72] SCOTT, MARK D., US [72] BYUN, SI-MYUNG, KR [72] JEONG, SEONG-TAE, KR [72] EATON, JOHN, US [71] BIOMEDICAL FRONTIERS, INC., US [85] 1999-07-30 [86] 1997-02-03 (PCT/IB97/00139) [87] 1997-08-07 (WO97/28254) [30] KR (1996/2440) 1996-02-01 [30] US (08/671,452) 1996-06-27</p>	<p style="text-align: center;">[21] <b>2,279,981</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C21D 8/12 6H01F 1/153</b> [25] EN [54] <b>FERROMAGNETIC AMORPHOUS METALLIC ALLOY AND ANNEALING METHOD</b> [54] <b>ALLIAGE METALLIQUE AMORPHE FERROMAGNETIQUE ET PROCEDE DE RECUIT</b> [72] DeCRISTOFARO, NICHOLAS J., US [72] LIEBERMANN, HOWARD H., US [71] ALLIEDSIGNAL INC., US [85] 1999-08-04 [86] 1998-02-03 (PCT/US98/01898) [87] 1998-08-06 (WO98/33945) [30] US (08/796,011) 1997-02-05</p>

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[21] **2,279,982**  
[13] A1

[51] **Int.Cl. 6A61K 9/00 6A61K 47/30 6A61K 47/36 6A61K 47/38**  
[25] EN  
[54] **TOPICAL DRUG PREPARATIONS PREPARATIONS MEDICAMENTEUSES TOPIQUES**  
[72] DRIZEN, ALAN, CA  
[72] NATH, GARY M., US  
[72] ROTHBART, PETER, CA  
[71] L.A.M. PHARMACEUTICALS, LLC, US  
[85] 1999-08-05  
[86] 1998-02-04 (PCT/US98/01927)  
[87] 1998-08-13 (WO98/34592)  
[30] US (08/796,578) 1997-02-06

[21] **2,279,983**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38 6H04Q 7/22 6H04B 7/26**  
[25] EN  
[54] **METHOD OF DYNAMICALLY CONTROLLING THE LENGTH OF R\_DATA MESSAGES ON A RANDOM ACCESS CHANNEL**  
[54] **PROCEDE DE COMMANDE DYNAMIQUE DE LA LONGUEUR DES MESSAGES DE "R\_DATA" SUR UN CANAL D'ACCES ALEATOIRE**  
[72] TURCOTTE, ERIC, CA  
[72] CORRIVEAU, MICHEL, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-08-04  
[86] 1998-01-16 (PCT/SE98/00068)  
[87] 1998-08-13 (WO98/35522)  
[30] US (60/037,331) 1997-02-07  
[30] US (08/838,432) 1997-04-07

[21] **2,279,984**  
[13] A1

[51] **Int.Cl. 6A61N 1/05**  
[25] EN  
[54] **SUTURE SLEEVE WITH CIRCUMFERENTIAL LEAD LOCKING DEVICE**  
[54] **MANCHON DE SUTURE A DISPOSITIF DE BLOCAGE DE FIL CIRCONFERENTIEL**  
[72] GUBBIN, DOUGLAS H., US  
[72] POHNDORF, PETER J., US  
[71] MEDTRONIC, INC., US  
[85] 1999-08-04  
[86] 1998-01-09 (PCT/US98/00295)  
[87] 1998-08-06 (WO98/33551)  
[30] US (08/795,425) 1997-02-05

[21] **2,279,985**  
[13] A1

[51] **Int.Cl. 6C22F 1/047 6C22F 1/057 6C22C 21/08**  
[25] EN  
[54] **PROCESS FOR PRODUCING ALUMINIUM ALLOY SHEET**  
[54] **PROCEDE DE FABRICATION DE TOLES D'ALLIAGE D'ALUMINIUM**  
[72] BULL, MICHAEL JACKSON, US  
[72] EVANS, DANIEL RONALD, CA  
[72] GUPTA, ALOK KUMAR, CA  
[72] MAROIS, PIERRE HENRY, CA  
[72] LLOYD, DAVID JAMES, CA  
[71] ALCAN INTERNATIONAL LIMITED, CA  
[85] 1999-08-05  
[86] 1998-02-17 (PCT/CA98/00109)  
[87] 1998-08-27 (WO98/37251)  
[30] US (60/038,438) 1997-02-19

[21] **2,279,986**  
[13] A1

[51] **Int.Cl. 6C12N 9/96 6C11D 3/386 6A61K 47/48**  
[25] EN  
[54] **POLYPEPTIDE-POLYMER CONJUGATES HAVING ADDED AND/OR REMOVED ATTACHMENT GROUPS**  
[54] **CONJUGATS POLYPEPTIDE-POLYMERE A GROUPES DE FIXATION AJOUTES ET/OU RETIRES**  
[72] VON DER OSTEN, CLAUS, DK  
[72] ROGGEN, ERWIN LUDO, DK  
[72] OLSEN, ARNE AGERLIN, DK  
[71] NOVO NORDISK A/S, DK  
[85] 1999-07-28  
[86] 1998-02-06 (PCT/DK98/00046)  
[87] 1998-08-13 (WO98/35026)  
[30] DK (0135/97) 1997-02-06

[21] **2,279,987**  
[13] A1

[51] **Int.Cl. 6H01Q 9/14**  
[25] EN  
[54] **ANTENNA WITH VARIABLE GEOMETRY**  
[54] **ANTENNE A GEOMETRIE VARIABLE**  
[72] REBERNAK, WILLIAM, FR  
[72] NGO BUI HUNG, FRÉDÉRIC, FR  
[72] KRETSCHMER, SYLVAIN, FR  
[71] THOMSON-CSF, FR  
[85] 1999-08-03  
[86] 1998-02-06 (PCT/FR98/00232)  
[87] 1998-08-13 (WO98/35402)  
[30] FR (97/01428) 1997-02-07  
[30] FR (98/00245) 1998-01-13

[21] **2,279,988**  
[13] A1

[51] **Int.Cl. 6B07B 1/20 6A01N 25/12 6B01J 2/20 6B07B 1/24**  
[25] EN  
[54] **APPARATUS FOR BREAKING AND SEPARATING PARTICLES**  
[54] **APPAREIL POUR FRAGMENTER ET SEPARER LES PARTICULES**  
[72] GLEICH, STEVEN IRWIN, US  
[72] GEIGLE, WILLIAM LAWRENCE, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-08-05  
[86] 1998-03-09 (PCT/US98/04598)  
[87] 1998-09-24 (WO98/41335)  
[30] US (60/040,761) 1997-03-14

[21] **2,279,989**  
[13] A1

[51] **Int.Cl. 6C05G 3/00 6B01J 2/30**  
[25] EN  
[54] **DUST REDUCTION AGENTS FOR GRANULAR INORGANIC SUBSTANCES**  
[54] **AGENTS ANTI-POUSSIERES POUR SUBSTANCES INORGANIQUES GRANULAIRES**  
[72] KODALI, DHARMA R., US  
[71] CARGILL, INCORPORATED, US  
[85] 1999-08-03  
[86] 1998-01-20 (PCT/US98/00995)  
[87] 1998-08-13 (WO98/34890)  
[30] US (08/796,923) 1997-02-07

[21] **2,279,990**  
[13] A1

[51] **Int.Cl. 6A61K 7/46 6A61K 7/06 6A61K 7/32 6A61K 7/48**  
[25] EN  
[54] **SPRAY COMPOSITIONS**  
[54] **COMPOSITIONS DE SPRAYS**  
[72] TANNER, AMBER KATHLEEN, US  
[72] DUBOIS, ZERLINA GUZDAR, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-08-05  
[86] 1998-02-13 (PCT/US98/02722)  
[87] 1998-08-20 (WO98/35651)  
[30] US (08/800,935) 1997-02-13

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,991</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/705</b> [25] EN [54] <b>HUMAN ANION CHANNEL</b> [54] <b>CANAL ANIONIQUE HUMAIN</b> [72] GOLI, SURYA K., US [72] BANDMAN, OLGA, US [71] INCYTE PHARMACEUTICALS, INC., US [85] 1999-07-30 [86] 1998-01-26 (PCT/US98/01422) [87] 1998-08-06 (WO98/33818) [30] US (08/792,014) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,994</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/70</b> [25] EN [54] <b>EXTENDIBLE TRANSDERMAL THERAPEUTIC SYSTEM</b> [54] <b>SYSTEME THERAPEUTIQUE TRANSDERMIQUE EXTENSIBLE</b> [72] HORSTMANN, MICHAEL, DE [72] MULLER, WALTER, DE [72] LAUX, WOLFGANG, DE [71] LTS LOHMANN THERAPIE-SYSTEME GMBH, DE [85] 1999-08-05 [86] 1998-01-30 (PCT/EP98/00496) [87] 1998-08-13 (WO98/34600) [30] DE (197 05 138.3) 1997-02-11</p>	<p style="text-align: right;">[21] <b>2,279,998</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 69/736 6A01N 39/02 6C07C 257/04 6A01N 41/10 6C07C 323/16 6C07C 317/18 6C07C 251/54</b> [25] EN [54] <b>PHENOXYACETIC ACID DERIVATIVES AND THEIR USE AS HERBICIDES</b> [54] <b>DERIVES D'ACIDE PHENOXYACETIQUE ET LEUR UTILISATION EN TANT QU'HERBICIDES</b> [72] GO, ATSUSHI, JP [72] SASAKI, NORIO, JP [72] MUKAIDA, HIDESHI, JP [72] OE, YUKIKO, JP [71] RHONE-POULENC AGRO, FR [85] 1999-08-05 [86] 1998-01-30 (PCT/EP98/00501) [87] 1998-08-13 (WO98/34898) [30] JP (97/24117) 1997-02-06</p>
<p style="text-align: right;">[21] <b>2,279,992</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 1/28 6G02B 21/32</b> [25] EN [54] <b>LASER CAPTURE MICRODISSECTION METHOD AND APPARATUS</b> [54] <b>PROCEDE ET DISPOSITIF DE MICRODISSECTION PAR CAPTURE AU LASER</b> [72] ENRIGHT, MARK A., US [72] BAER, THOMAS M., US [72] TODD, CHRISTOPHER E., US [72] HEAD, DAVID F., US [71] ARCTURUS ENGINEERING, INC., US [85] 1999-08-03 [86] 1998-02-05 (PCT/US98/02388) [87] 1998-08-13 (WO98/35216) [30] US (60/037,864) 1997-02-07 [30] US (60/060,731) 1997-10-01 [30] US (09/018,452) 1998-02-04</p>	<p style="text-align: right;">[21] <b>2,279,995</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00 6A61K 38/08 6A61K 38/12</b> [25] EN [54] <b>PEPTIDE MIMETICS OF THE CYTOKINE RECEPTOR GAMMA CHAIN</b> [54] <b>MIMETIQUES PEPTIDIQUES DE LA CHAINE GAMMA DES RECEPTEURS DE CYTOKINE</b> [72] KORNGOLD, ROBERT, US [72] TOWNSEND, ROBERT MARTIN, US [71] THOMAS JEFFERSON UNIVERSITY, US [85] 1999-08-05 [86] 1998-02-06 (PCT/US98/02339) [87] 1998-08-13 (WO98/34631) [30] US (60/036,941) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,280,000</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 88/22</b> [25] EN [54] <b>REPEATEDLY UTILIZABLE INNER BAG FOR CONTAINERS</b> [54] <b>SAC INTERNE REUTILISABLE POUR CONTENEUR</b> [72] OMINE, TOSHIHIRO, JP [72] YAMAGUCHI, NORIO, JP [72] HASHIMOTO, SABURO, JP [72] NARAHARA, KAZUMI, JP [71] SUNTORY LIMITED, JP [71] NAVIX TECHNO TRADE CO., LTD., JP [71] NAVITECO, LTD., JP [71] HASHIMOTO INDUSTRIAL CO., LTD., JP [85] 1999-08-03 [86] 1998-12-07 (PCT/JP98/05505) [87] 1999-06-17 (WO99/29597) [30] JP (9/335241) 1997-12-05</p>
<p style="text-align: right;">[21] <b>2,279,993</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23D 47/04 6B27B 5/06</b> [25] EN [54] <b>METHOD AND MACHINE FOR SAWING PANELS WITH Laterally MOVABLE PUSHER</b> [54] <b>MACHINE A SCIER DES PANNEAUX POURVUE D'UN POURVOYEUR A DEPLACEMENT LATERAL ET TECHNIQUE AFFERENTE</b> [72] BENUZZI, PIERGIORGIO, IT [71] GIBEN IMPIANTI S.P.A., IT [85] 1999-08-05 [86] 1998-12-17 (PCT/IB98/02046) [87] 1999-07-08 (WO99/33600) [30] IT (BO97A000740) 1997-12-24</p>	<p style="text-align: right;">[21] <b>2,279,997</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23K 3/02</b> [25] EN [54] <b>SOLDERING IRON TIP AND METHOD OF MAKING THE SAME</b> [54] <b>PANNE DE FER A SOUDER ET SON PROCEDE DE FABRICATION</b> [72] LAVALLEY, RONALD W., US [72] ADLER, PAUL H., US [72] COWELL, MARK, US [71] METCAL, INC., US [85] 1999-08-05 [86] 1998-02-10 (PCT/US98/02569) [87] 1998-08-13 (WO98/34748) [30] US (08/798,467) 1997-02-10</p>	

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,280,001</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C12N 15/00 6C12N 9/12 6C12P 19/34 6C12N 15/63 6C12N 15/85</b></p> <p>[25] EN</p> <p>[54] <b>POLYMERASES FOR ANALYZING OR TYPING POLYMORPHIC NUCLEIC ACID FRAGMENTS AND USES THEREOF</b></p> <p>[54] <b>POLYMERASES POUR L'ANALYSE ET LE TYPAGE DE FRAGMENTS D'ACIDE NUCLEIQUE POLYMORPHES ET LEURS UTILISATIONS</b></p> <p>[72] CHATTERJEE, DEB K., US</p> <p>[72] YANG, SHUWEI, US</p> <p>[72] SOLUS, JOSEPH, US</p> <p>[71] LIFE TECHNOLOGIES, INC., US</p> <p>[85] 1999-08-09</p> <p>[86] 1998-02-09 (PCT/US98/02791)</p> <p>[87] 1998-08-13 (WO98/35060)</p> <p>[30] US (60/037,393) 1997-02-07</p> <p>[30] US (60/070,562) 1998-01-06</p>	<p style="text-align: right;">[21] <b>2,280,003</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 33/12</b></p> <p>[25] EN</p> <p>[54] <b>DOWNHOLE PACKER</b></p> <p>[54] <b>JOINT DE FORMATION POUR FOND DE TROU</b></p> <p>[72] TIPS, TIMOTHY R., US</p> <p>[72] ARIZMENDI, NAPOLEON, US</p> <p>[71] PES, INC., US</p> <p>[85] 1999-08-03</p> <p>[86] 1998-02-03 (PCT/US98/01971)</p> <p>[87] 1998-08-06 (WO98/34008)</p> <p>[30] US (08/792,404) 1997-02-03</p>	<p style="text-align: right;">[21] <b>2,280,006</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A44B 18/00</b></p> <p>[25] EN</p> <p>[54] <b>NEEDLE PUNCH NONWOVEN COMPONENT FOR REFASTENABLE FASTENING DEVICE</b></p> <p>[54] <b>NON-TISSE AIGUILLETE POUR DISPOSITIF DE FERMETURE POUVANT ETRE REFERME</b></p> <p>[72] LAWLESS, BARBARA J., US</p> <p>[71] PRECISION FABRICS GROUP, INC., US</p> <p>[85] 1999-08-03</p> <p>[86] 1998-01-20 (PCT/US98/01024)</p> <p>[87] 1998-08-06 (WO98/33410)</p> <p>[30] US (08/795,375) 1997-02-04</p>
<p style="text-align: right;">[21] <b>2,280,002</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 3/00 6H04M 5/00 6H04M 7/00</b></p> <p>[25] EN</p> <p>[54] <b>APPARATUS AND METHODS ENHANCING CALL ROUTING TO AND WITHIN CALL-CENTERS</b></p> <p>[54] <b>PROCEDE ET DISPOSITIF POUR AMELIORER L'ACHEMINEMENT DES APPELS A DESTINATION ET A L'INTERIEUR DES CENTRAUX TELEPHONIQUES</b></p> <p>[72] MILOSLAVSKY, ALEC, US</p> <p>[71] GENESYS TELECOMMUNICATIONS LABORATORIES, INCORPORATED, US</p> <p>[85] 1999-08-03</p> <p>[86] 1998-02-17 (PCT/US98/02847)</p> <p>[87] 1998-08-27 (WO98/37687)</p> <p>[30] US (08/802,660) 1997-02-19</p>	<p style="text-align: right;">[21] <b>2,280,004</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 15/08 6B01J 20/28 6G01N 30/48</b></p> <p>[25] EN</p> <p>[54] <b>AN ADSORPTION/SEPARATION METHOD AND A MEDIUM FOR ADSORPTION/SEPARATION</b></p> <p>[54] <b>PROCEDE D'ADSORPTION/SEPARATION ET SUPPORT POUR ADSORPTION/SEPARATION</b></p> <p>[72] BERG, HANS, SE</p> <p>[72] KAGEDAL, LENNART, SE</p> <p>[72] HANSSON, HASSE, SE</p> <p>[71] AMERSHAM PHARMACIA BIOTECH AB, SE</p> <p>[85] 1999-08-03</p> <p>[86] 1998-02-03 (PCT/SE98/00189)</p> <p>[87] 1998-08-06 (WO98/33572)</p> <p>[30] SE (9700383-4) 1997-02-04</p>	<p style="text-align: right;">[21] <b>2,280,007</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 20/02 6C02F 1/28</b></p> <p>[25] EN</p> <p>[54] <b>A SURFACE FUNCTIONALIZED MESOPOROUS MATERIAL AND METHOD OF MAKING SAME</b></p> <p>[54] <b>MATERIAU MESOPOREUX FONCTIONNALISE EN SURFACE ET SON PROCEDE DE FABRICATION</b></p> <p>[72] LIU, JUN, US</p> <p>[72] FRYXELL, GLEN E., US</p> <p>[72] FENG, XIANGDONG, US</p> <p>[71] BATTELLE MEMORIAL INSTITUTE, US</p> <p>[85] 1999-08-03</p> <p>[86] 1998-02-06 (PCT/US98/02359)</p> <p>[87] 1998-08-13 (WO98/34723)</p> <p>[30] US (08/796,352) 1997-02-07</p>
<p style="text-align: right;">[21] <b>2,280,005</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 1/38 6H03K 9/00 6H04L 23/02 6H04B 14/04 6H04L 27/04 6H04J 3/06 6H04L 27/36</b></p> <p>[25] EN</p> <p>[54] <b>MAPPER FOR HIGH DATA RATE SIGNALLING</b></p> <p>[54] <b>MAPPEUR DE SIGNALISATION NUMERIQUE HAUT DEBIT</b></p> <p>[72] OKUNEV, YURI, US</p> <p>[72] GOLDSTEIN, YURI, US</p> <p>[71] PC-TEL, INC., US</p> <p>[85] 1999-08-03</p> <p>[86] 1998-02-12 (PCT/US98/02693)</p> <p>[87] 1998-09-03 (WO98/38752)</p> <p>[30] US (08/801,066) 1997-02-14</p> <p>[30] US (08/807,955) 1997-03-04</p>	<p style="text-align: right;">[21] <b>2,280,008</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 471/04 6A61K 31/44</b></p> <p>[25] EN</p> <p>[54] <b>COMPOUNDS FOR INHIBITION OF GASTRIC ACID SECRETION</b></p> <p>[54] <b>COMPOSES PERMETTANT L'INHIBITION DES SECRETIONS D'ACIDE GASTRIQUE</b></p> <p>[72] AMIN, KOSRAT, SE</p> <p>[72] DAHLSTRÖM, MIKAEL, SE</p> <p>[72] STARKE, INGEMAR, SE</p> <p>[72] NORDBERG, PETER, SE</p> <p>[71] ASTRA AKTIEBOLAG, SE</p> <p>[85] 1999-08-03</p> <p>[86] 1998-02-17 (PCT/SE98/00275)</p> <p>[87] 1998-08-27 (WO98/37080)</p> <p>[30] SE (9700661-3) 1997-02-25</p>	

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<p style="text-align: right;">[21] <b>2,280,009</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 1/04</b> [25] EN [54] <b>COLOR IMAGE READER</b> [54] <b>LECTEUR D'IMAGES EN COULEUR</b> [72] SAWADA, HIDEKI, JP [71] ROHM CO., LTD., JP [85] 1999-08-03 [86] 1998-12-18 (PCT/JP98/05760) [87] 1999-07-01 (WO99/33256) [30] JP (9-350418) 1997-12-19</p>	<p style="text-align: right;">[21] <b>2,280,012</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 83/14</b> [25] EN [54] <b>METERING VALVE FOR AEROSOLS</b> [54] <b>VALVE DOSEUSE POUR AEROSOLS</b> [72] FRANKLIN, MICHAEL LEON, US [72] BARGER, LEE ALLEN, US [72] BOWYER, TERENCE GEORGE HENRY, US [72] BRITTO, IGNATIUS LOY, US [71] GLAXO GROUP LIMITED, GB [85] 1999-08-10 [86] 1998-02-12 (PCT/EP98/00783) [87] 1998-08-20 (WO98/35888) [30] US (08.799285) 1997-02-13</p>	<p style="text-align: right;">[21] <b>2,280,016</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01C 1/20 6F01C 21/16</b> [25] EN [54] <b>ROTARY DEVICE WITH MEANS FOR MONITORING AND ADJUSTING THE CLEARANCE BETWEEN THE ROTORS</b> [54] <b>DISPOSITIF ROTATIF POUR VU D'UN SYSTEME DE SURVEILLANCE ET DE REGLAGE DE L'ECARTEMENT ENTRE LES ROTORS</b> [72] CLAMP, JOHN HALDYN, GB [71] ROTARY POWER COUPLE ENGINES LIMITED, GB [85] 1999-08-10 [86] 1998-02-11 (PCT/GB98/00423) [87] 1998-08-13 (WO98/35134) [30] GB (9702760.1) 1997-02-11</p>
<p style="text-align: right;">[21] <b>2,280,010</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 277/68 6C07D 335/16 6C07D 233/18 6C07D 233/36 6C07D 277/62 6C07D 277/82</b> [25] EN [54] <b>PROCESS FOR THE PREPARATION OF BENZOTHIAZOLONE COMPOUNDS</b> [54] <b>PROCEDE DE PREPARATION DE COMPOSES DE BENZOTHIAZOLONE</b> [72] GOODWIN, CHRISTOPHER, GB [71] ASTRA PHARMACEUTICALS LTD., GB [85] 1999-08-03 [86] 1998-02-17 (PCT/SE98/00274) [87] 1998-09-03 (WO98/38180) [30] SE (9700706-6) 1997-02-27</p>	<p style="text-align: right;">[21] <b>2,280,013</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>HANDLING OF FORWARDED CALLS</b> [54] <b>TRAITEMENT RELATIF AU TRANSFERT D'APPEL</b> [72] VERKAMA, MARKKU, FI [72] AXERUD, BO, FI [71] NOKIA TELECOMMUNICATIONS OY, FI [85] 1999-08-10 [86] 1998-12-11 (PCT/FI98/00969) [87] 1999-06-24 (WO99/31916) [30] FI (974519) 1997-12-15</p>	<p style="text-align: right;">[21] <b>2,280,326</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A62B 35/04</b> [25] EN [54] <b>HEIGHT SAFETY SYSTEM</b> [54] <b>SYSTEME DE SECURITE D'ALTITUDE</b> [72] FLUX, PETER ROBERT, GB [71] LATCHWAYS PLC, GB [85] 1999-08-11 [86] 1998-02-12 (PCT/GB98/00435) [87] 1998-08-20 (WO98/35724) [30] GB (9702855.9) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,280,011</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/46 6A61B 17/16 6A61B 17/17</b> [25] EN [54] <b>REPAIRING CARTILAGE</b> [54] <b>REPARATION DE CARTILAGE</b> [72] HANGODY, LAZLO, HU [72] MINIACHI, ANTHONY, CA [72] FERRAGAMO, MICHAEL C., US [72] KARPARTI, ZOLTAN, HU [72] BLOUGH, REBECCA, US [72] TORRIE, PAUL A., US [71] SMITH &amp; NEPHEW, INC., US [85] 1999-08-10 [86] 1998-02-10 (PCT/US98/02578) [87] 1998-08-13 (WO98/34569) [30] US (08/799,697) 1997-02-11</p>	<p style="text-align: right;">[21] <b>2,280,015</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 303/16</b> [25] EN [54] <b>PREPARATION OF ALKANE SULFONIC ACIDS AND SULFONYL CHLORIDES BY OXIDATION OF ALKANETHIOLS AND DIALKYL DISULFIDES</b> [54] <b>PREPARATION D'ACIDES ALCANESULFONIQUES ET DE CHLORURES DE SULFURYLE PAR OXYDATION D'ALKANETHIOLS ET DE DISULFURES DE DIALKYLE</b> [72] CHEN, JOHNSON, US [71] INNOCHEM INC., US [85] 1999-08-10 [86] 1997-12-23 (PCT/US97/23723) [87] 1998-08-13 (WO98/34914) [30] US (08/797,343) 1997-02-10</p>	<p style="text-align: right;">[21] <b>2,280,523</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22D 11/16 6B22D 11/10</b> [25] EN [54] <b>CONTINUOUS CASTING APPARATUS USING A MOLTEN METAL LEVEL GAUGE</b> [54] <b>APPAREIL DE MOULAGE EN CONTINU A JAUGE DE NIVEAU DU METAL</b> [72] FUJISAKI, KEISUKE, JP [72] TANI, MASAHIRO, JP [72] MATSUDA, HIDEKI, JP [72] WAJIMA, KIYOSHI, JP [71] NIPPON STEEL CORPORATION, JP [85] 1999-08-05 [86] 1998-12-08 (PCT/JP98/05551) [87] 1999-06-17 (WO99/29453) [30] JP (9-337197) 1997-12-08 [30] JP (9-357486) 1997-12-25 [30] JP (9-360315) 1997-12-26 [30] JP (9-361161) 1997-12-26</p>



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,280,617</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G21C 19/317</b> [25] EN [54] <b>DEVICE FOR RECOMBINING HYDROGEN IN A GAS MIXTURE</b> [54] <b>DISPOSITIF DE RECOMBINAISON D'HYDROGENE DANS UN MELANGE GAZEUX</b> [72] ECKARDT, BERND, DE [72] HILL, AXEL, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 1999-08-05 [86] 1998-01-27 (PCT/EP98/00430) [87] 1998-08-13 (WO98/35356) [30] DE (197 04 608.8) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,280,635</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 59/14 6D06N 1/00 6C08F 299/02</b> [25] EN [54] <b>MATERIAL CONTAINING POLYREACTION PRODUCTS FOR THE TOP COAT OF FABRICS</b> [54] <b>MATIERE CONTENANT DES PRODUITS DE POLYREACTION POUR LA COUCHE DE FINITION D'ARTICLES EN FEUILLE</b> [72] ESS, MILKO, DE [72] JUNG, BERNHARD, DE [72] KASTL, BERND, DE [71] DLW AKTIENGESELLSCHAFT, DE [85] 1999-08-13 [86] 1998-03-05 (PCT/EP98/01252) [87] 1998-09-17 (WO98/40427) [30] DE (197 09 477.5) 1997-03-07</p>	<p style="text-align: right;">[21] <b>2,280,782</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 11/04</b> [25] EN [54] <b>METHOD AND CIRCUIT FOR TRANSMITTING INFORMATION CELLS DURING VIRTUAL LINKING WITH VARIOUS PRIORITIES</b> [54] <b>PROCEDE ET CIRCUIT POUR TRANSMETTRE DES CELLULES DE DONNEES DANS LE CADRE DE LIAISONS VIRTUELLES PRESENTANT DIFFERENTES PRIORITES</b> [72] BRIEM, UWE, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 1999-08-12 [86] 1998-02-09 (PCT/DE98/00361) [87] 1998-08-20 (WO98/36586) [30] DE (197 05 789.6) 1997-02-14</p>
<p style="text-align: right;">[21] <b>2,280,618</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65G 47/38 6B65G 47/96</b> [25] EN [54] <b>CONVEYOR SYSTEM FOR AUTOMATIC CONVEYANCE OF ITEMS</b> [54] <b>SYSTEME CONVOYEUR POUR LE TRANSPORT AUTOMATIQUE D'ARTICLES</b> [72] GRAEFER, DOMINIK, DE [72] VITALINI, MICHELE, DE [72] HERCHENBACH, FRANZ-JOSEF, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 1999-08-05 [86] 1998-01-26 (PCT/DE98/00234) [87] 1998-08-13 (WO98/34859) [30] DE (197 04 701.7) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,280,705</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/04 6C07D 401/14 6C07D 409/14 6C07D 413/14 6C07D 417/14 6A61K 31/505 6A61K 31/55</b> [25] EN [54] <b>3-PIPERIDYL-4-OXOQUINAZOLINE DERIVATIVES AND MEDICINAL COMPOSITIONS CONTAINING THE SAME</b> [54] <b>DERIVES DU 3-PIPERIDYL-4-OXOQUINAZOLINE ET COMPOSITIONS MEDICINALES LES CONTENANT</b> [72] KATSUSHIMA, TAKEO, JP [72] SATO, MOTOHIDE, JP [72] KINOSHITA, HAJIME, JP [71] JAPAN TOBACCO INC., JP [85] 1999-08-11 [86] 1998-12-11 (PCT/JP98/05628) [87] 1999-06-24 (WO99/31085) [30] JP (9/362819) 1997-12-12 [30] JP (10/288979) 1998-10-12</p>	<p style="text-align: right;">[21] <b>2,280,904</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 21/288 6H01L 21/60</b> [25] EN [54] <b>METHOD FOR MAKING A STRUCTURED METALLIZATION FOR A SEMICONDUCTOR WAFER</b> [54] <b>PROCEDE DE FORMATION D'UNE METALLISATION STRUCTUREE SUR UNE TRANCHE DE SEMI-CONDUCTEUR</b> [72] ASCHENBRENNER, ROLF, DE [72] MOTULLA, GERALD, DE [72] ZAKEL, ELKE, DE [72] AZDASHT, GHASSEM, DE [72] OSTMANN, ANDREAS, DE [71] PAC TECH - PACKAGING TECHNOLOGIES GMBH, DE [85] 1999-08-10 [86] 1998-02-13 (PCT/EP98/00826) [87] 1998-08-20 (WO98/36448) [30] DE (197 05 745.4) 1997-02-14</p>
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[51] **Int.Cl. 6G05B 19/19**

[25] EN

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[54] **PROCEDE DE COMMANDE D'UNE  
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[71] SIEMENS AKTIENGESELLSCHAFT,  
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[86] 1998-02-04 (PCT/DE98/00308)

[87] 1998-08-20 (WO98/36334)

[30] DE (197 06 105.2) 1997-02-17

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[21] **2,281,085**

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[51] **Int.Cl. 6C12N 15/57 6C12Q 1/37  
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[25] EN

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[72] TINDAL, MICHAEL HOWARD, US

[71] THE PROCTER & GAMBLE  
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[71] CASE WESTERN RESERVE  
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[85] 1999-08-10

[86] 1998-02-25 (PCT/US98/03490)

[87] 1998-08-27 (WO98/37092)

[30] US (08/810,153) 1997-02-25

[30] US (PCT/US97/03217) 1997-02-28

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MULTI-TECH SYSTEMS, INC.	2,188,171	PRO-CORD S.r.l.	2,095,557	Suthers, Mark Spencer	2,096,629
Muys, Bavo	2,148,544	PROCTER & GAMBLE COMPANY (THE)	2,168,876	Suzuki, Ryoji	2,024,647
Naaktgeboren, Adrianus	2,010,212	PROCTER & GAMBLE COMPANY (THE)	2,175,890	Syka, John E. P.	2,148,331
Nakamura, Mituyo	2,107,420	QUALCOMM INCORPORATED	2,158,659	Szymocha, Kazimierz	2,022,721
Nakata, Atsuo	2,011,378	Quinn, Peter	2,139,526	Taczkowski, Reiner	2,152,702
Nataraj, Shankar	2,173,809	R.J. TOWER CORPORATION	2,128,070	Takahashi, Masatoshi	2,151,109
Nelson, James C., III	2,117,549	RADIANT TECHNOLOGIES, INC.	2,129,838	Takahashi, Yasuyuki	1,340,802
Newman, Gerald H.	2,160,357	Reasoner, Michael	2,182,764	Talley, John J.	2,177,576
NIMBUS COMMUNICATIONS INTERNATIONAL LIMITED	2,088,737	Rebeaud, Jean-Claude	2,175,022	Tamai, Haruhisa	2,152,008
Nippon Zoki Pharmaceutical Co., Ltd.	2,132,993	Reynolds, Gerald Alfred John	2,088,737	Tamaki, Minoru	2,159,432
NISSEI ASB MACHINE CO., LTD.	2,162,274	RICHEY, James M.	2,206,194	Tamaki, Toshio	2,159,432
NKK CORPORATION	2,024,647	Robison, Milan W.	2,182,919	TELEDIFFUSION DE FRANCE	2,081,711
Nomoto, Kohei	2,170,452	Rockwell International Corporation	2,102,868	Teleflex (Canada) Limited	2,125,516
Noppe, Marcus Joannes Maria	1,340,803	Rodi, Anton	2,039,354	TELEFLEX INCORPORATED	2,182,764
Noritsu Koki Co., Ltd.	2,168,150	RODI, ANTON	2,039,354	Tellefsdal A/S	2,083,104
NORTEL NETWORKS CORPORATION	2,096,629	ROERIG, Arnold J.	2,197,665	Texas A & M University System (The)	2,164,516
NORTEL NETWORKS CORPORATION	2,185,356	Rogers, Roland S.	2,177,576	Tezuka, Koji	2,089,726
North Sails Group, Inc.	2,049,657	Rogier, Donald J., Jr.	2,177,576	Thanawala, Ashish A.	2,188,171
NORTHWESTERN UNIVERSITY	2,192,336	Ross, Hayes E., Jr.	2,164,516	The Procter & Gamble Company	1,340,804
NTN Corporation	2,107,420	Roth, Rudolf	2,013,052	THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT O	2,096,587
Nunn, Adrian D.	2,119,345	Ruehl, Phillip C.	2,128,070	Thomas, David	2,157,309
Nygren, Bo Hakan	1,340,800	Saccardo, Maria Beatrice	1,340,805	Thomas, Gunter	1,340,798
Ogata, Kan	2,182,066	SAGEMU S.A.	2,060,974	Todushima, Yasuo	1,340,802
Ogawa, Hiroshi	2,023,960	Saiki, Hideya	2,107,420	Tokuda, Kimishiro	2,182,066
Ogura, Kuniaki	2,123,750	Sainte-Foi, Daniel	2,121,573	Tokunaga, Okihiro	2,024,647
Ogura, Takao	2,089,726	Sakiyama, Fumio	2,011,378	Tong-Lung Metal Industry Co., Ltd.	2,124,164
Okazaki, Hiroki	2,168,150	SAKURA FINETECHNICAL CO., LTD.	2,078,938	Toriumi, Michio	2,128,165
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		Sharrah, Raymond L.	2,153,892	UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	2,163,118
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ACKLES, Gary	2,268,515	AVID TECHNOLOGY, INC.	2,267,591	BONAQUIST, Dante Patrick	2,268,308
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AGRIDES INC.	2,228,819	BAKOULINE, Mikhail G.	2,234,006	BORZA, Michael A.	2,234,597
AHLSTROM MACHINERY INC.	2,268,338	BAKOULINE, Mikhail G.	2,234,008	BOUCHARD, Jean-Claude	2,267,570
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AJINOMOTO CO., INC.	2,268,390	BARBER, Rodney I.	2,266,841	BOYD, Martin David	2,267,540
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ALCATEL	2,264,978	BARTHALOW, Henry D.	2,267,910	BRATCHER, Michael P.	2,267,959
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ALCATEL	2,266,007	BARTLETT, Christopher Travers	2,267,804	BRIDGEMAN, Mark James	2,268,507
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ALSTOM TRANSPORT SA	2,268,306	BAYER AKTIENGESELLSCHAFT	2,266,211	BURTSCHER, Helmut	2,267,844
ALSTOM UK LTD	2,268,507	BAYER AKTIENGESELLSCHAFT	2,267,434	CANON KABUSHIKI KAISHA	2,267,828
ALTIERI, Paul A.	2,268,467	BAYER AKTIENGESELLSCHAFT	2,268,226	CAPPO, Frederick L.	2,234,356
AMARILLI, Stefano	2,265,099	BAYER CORPORATION	2,264,343	CARL FREUDENBERG	2,266,009
AMBROSINO, Jean-Louis	2,265,991	BAYER CORPORATION	2,266,207	CARLUCCIO, Luciano	2,265,099
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ARRAITZ, Anne Marie	2,268,402	BELLINI, Marina Pieranna	2,266,234	CETTOUR-ROSE, Jacques	2,268,306
ARTHUR, John	2,268,378	BELLINI, Marina Pieranna	2,268,506	CHAMBERS, Christopher John	2,266,782
ASANO, Masakuni	2,268,203	BELLUSSI, Giuseppe	2,265,099	CHAN, Albert	2,234,330
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ASHLAND PRODUCTS, INC.	2,267,959	BENNETT, Glenn R.	2,227,637	CHATANI, Yoshiyuki	2,268,485
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ASTEC EUROPE LIMITED	2,246,836	BIL, Eric Stéphan	2,268,402	CHIGAMI, Masako	2,267,878
AT&T CORP.	2,266,112	BILLINGHAM, John Fredric	2,268,308	CHISHOLM, P. Scott	2,233,976
AT&T CORP.	2,267,689	BILLINGSLEY, Kate	2,234,182	CHLOMA, Alexandre M.	2,234,006
AT&T CORP.	2,267,868	BING, Chen	2,268,213	CHLOMA, Alexandre M.	2,234,008
AU, Kam-yan	2,234,304	BLASWICH, Michael	2,266,300	CHUMLEY, Maxie G.	2,238,899
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		BLOOD, Mark Lawrence	2,265,158	CIBA SPECIALTY CHEMICALS HOLDING INC.	2,267,847
				CLARIN, Edsel A.	2,234,012
				CLOUGHERTY, Kenan J.	2,268,227
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				COLLAVO, Francesco	2,268,506
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COOKSON FIBERS, INC.	2,252,138	DITTO SALES, INC.	2,265,275	FISHER, David Anthony	2,268,701
COOMER, Stephen Dexter	2,265,158	DITTO SALES, INC.	2,265,393	FLEISCHER	
COONER, Robert G.	2,262,769	DOBERT, Frank	2,268,226	BUROMOBELWERK	
COPE, Kyle	2,268,678	DOMBROWSKI, John J.	2,267,868	GMBH & CO. KG	2,266,069
CORFIN INC.	2,231,024	DONNER, Benjamin C.	2,266,205	FLEXIBLE FLYER	2,267,741
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HOPTRUFF, Richard	2,248,440	KAYSER, Franz	2,267,965	LIFE, James A.	2,268,044
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HU, Bobby	2,234,179	KEYSTONE MANUFACTURING CO., INC.	2,254,041	LINDHOLM, Wayne D.	2,267,868
HUBLEY, Craig	2,234,497	KHALIDI, Yousef A.	2,267,444	LITTON SYSTEMS, INC.	2,267,710
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HUMPHREY, Leslie D.	2,267,587	KIM, Chang Yeal	2,234,137	LOUBET, Michel Jean	2,268,402
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LUTZ, Christian	2,268,513	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,267,734	NICHOLS, Carl W.	2,262,769
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MAGNE-DRISCH, Julia	2,266,765	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,268,317	NOHKEN INC.	2,262,041
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MAHONEY, Kevin William	2,264,510	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,267,689	NORTHCOTT, Philip Lyon	2,260,608
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MANN, Armin	2,267,580	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,268,402	NORTHERN TELECOM LIMITED	2,267,587
MANN, Armin	2,267,598	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,263,633	NORTHERN TELECOM LIMITED	2,268,361
MARACHE, Pierre	2,265,991	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,267,585	NORTHERN TELECOM LIMITED	2,268,589
MARACHE, Pierre	2,266,003	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,267,687	NORTHERN TELECOM LIMITED	2,268,589
MARCHI, Marc Roger	2,268,402	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,268,215	NORTHERN TELECOM LIMITED	2,268,701
MARCONI ELECTRONIC SYSTEMS LIMITED	2,267,804	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,266,232	NORTHERN TELECOM LIMITED	2,268,760
MARJANOVIC, Nicolas	2,263,633	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,265,433	NORTHERN TELECOM LIMITED	2,268,760
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MARTINO, Gary T.	2,268,693	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,268,402	NOVA Chemicals Ltd.	2,234,189
MASTERSON, Patrick C.	2,234,302	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,266,917	OHKUBO, Toshiaki	2,267,980
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McGHEE, Trevor Melvin	2,229,088	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,266,232	PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH	2,267,486
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SYMONS, Robert Spencer	2,267,710	TUCKER, Andrew G.	2,267,444	WESTINGHOUSE AIR BRAKE COMPANY	2,239,998
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TENNYSON, David Anthony	2,234,374	USHIROKAWA, Akihisa	2,267,841	YAMAMOTO, Noboru	2,268,697
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DRIZEN, ALAN	2,279,982	ESHUIS, JOHAN JAN W.	2,279,511	FUJISAKI, KEISUKE	2,280,523
DRUCKER, DANIEL J.	2,279,836	ESKOLA, SUSANNA	2,279,403	FUKUZATO, RYUICHI	2,279,541
DRULINER, JOE DOUGLAS	2,279,493	ESPEEL, PATRICK	2,279,537	FULLER, CRAIG A.	2,279,254
D'SILVA, JOSEPH	2,279,898	ESPERIDES S.R.L.	2,279,921	FULLUM, JEAN FRANÇOIS	2,279,409
DSM N.V.	2,279,969	ESS, MILKO	2,280,635	FUNDERBURK, JEFFERY V.	2,279,895
DUAN, DANIEL C.	2,279,522	EVAN SOCIETE ANONYME	2,279,398	FUTERMAN, CHARLES SIDNEY	2,279,532
DUBOIS, ZERLINA GUZDAR	2,279,990	EVANS, DANIEL RONALD	2,279,985	GABRIEL, RICHARD L.	2,279,947
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DUPONT CANADA INC.	2,279,508	EXXON CHEMICAL PATENTS INC.	2,279,533	GANDOLFI, STEFANO	2,279,921
E. I. DU PONT DE NEMOURS AND COMPANY	2,279,493	EXXON CHEMICAL PATENTS INC.	2,279,536	GARCIA-FRANCO	2,279,851
E. I. DU PONT DE NEMOURS AND COMPANY	2,279,503	EXXON CHEMICAL PATENTS INC.	2,279,537	GARDNER, JOHN A., JR.	2,279,455
E. I. DU PONT DE NEMOURS AND COMPANY	2,279,510	EXXON CHEMICAL PATENTS INC.	2,279,851	GARNIER DE LABAREYRE, BERTRAND	2,279,825
E. I. DU PONT DE NEMOURS AND COMPANY	2,279,520	EXXON CHEMICAL PATENTS INC.	2,279,900	GAUTHIER, MICHEL	2,279,399
E. I. DU PONT DE NEMOURS AND COMPANY	2,279,576	FANELLI, ANTHONY	2,279,966	GEBRE-MEDHIN, SAMUEL	2,279,573
E. I. DU PONT DE NEMOURS AND COMPANY	2,279,865	FANG, QUN KEVIN	2,279,960	GEIGLE, WILLIAM LAWRENCE	2,279,988
E. I. DU PONT DE NEMOURS AND COMPANY	2,279,871	FCB	2,279,833	GELOTTE, KARL M.	2,279,898
E. I. DU PONT DE NEMOURS AND COMPANY	2,279,872	FEININGER, WILLIAM A.	2,279,847	GENCORP INC.	2,279,913
E. I. DU PONT DE NEMOURS AND COMPANY	2,279,873	FELDMAN, LYUDMILA	2,279,364	GENERAL DYNAMICS ARMAMENT SYSTEMS, INC.	2,279,404
E.I. DU PONT DE NEMOURS AND COMPANY	2,279,954	FENG, XIANGDONG	2,280,007	GENERAL DYNAMICS ARMAMENT SYSTEMS, INC.	2,279,411
E.I. DU PONT DE NEMOURS AND COMPANY	2,279,969	FERAG AG	2,279,866	GENESYS TELECOMMUNICATIONS LABORATORIES, INCORPORATED	2,280,002
E.I. DU PONT DE NEMOURS AND COMPANY	2,279,970	FERAG AG	2,279,886	GENETICS INSTITUTE, INC.	2,279,575
E.I. DU PONT DE NEMOURS AND COMPANY	2,279,988	FEREMBAL	2,279,822	GENNERY, BRIAN ALBERT	2,279,497
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GUSTAFSSON, LENNART (DECEASED)	2,279,280	HILL-ROM, INC.	2,279,389	JOHANSSON, LEIF	2,279,416
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MEAD, DAVID W.	2,279,851	MULLER, WALTER	2,279,994	OSVALDO	2,279,460
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