WIPO

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WORLD INTELLECTUAL PROPERTY ORGANIZATION
GENEVA

PATENT COOPERATION TREATY

INTERIM COMMITTEE FOR TECHNICAL ASSISTANCE

Fourth Session
Geneva, November 13 to 19, 1974

USEFULNESS OF INPADOC SERVICES FOR DEVELOPING COUNTRIES

Report prepared by the International Bureau

INTRODUCTION

1. One of the greatest difficulties for developing countries in striving for appropriate access to technology is to identify the technical information needed to decide adequately on the solution of a specific technical problem.

2. Patent documents* may offer in many cases the quickest and easiest way to arrive at the technical information needed by developing countries in order to take basic decisions regarding industrial development. Patent documents are also instruments for keeping abreast of new technological developments. Knowledge of technology in the field obtained through patent documents is, last but not least, also one of the important conditions for improving the negotiating position of licensees in developing countries.

3. Until recently, there was no central depository of patent information on a worldwide basis. Requests for technical information relating to patents had to be directed to a great number of different agencies (governmental and private) in different countries. This was complicated as well as costly and inefficient. In the last two years WIPO's efforts, which were begun in 1964 and have been directed towards the establishment of a World Patent Index, have resulted in the creation of INPADOC, the central worldwide data bank for bibliographic data on patent documents.

INPADOC and the INPADOC Data Base

4. The International Patent Documentation Center (hereinafter referred to as "INPADOC") was established by the Republic of Austria following an Agreement with WIPO concluded on May 2, 1972, in order to promote cooperation in the field of patent documentation and to facilitate access to technological knowledge. (See also in this respect documents PCT/TCO/II/3 and PCT/TCO/II/7). The headquarters of INPADOC are in Vienna.

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* Throughout this document "patent documents" means published patents, inventors' certificates, and utility certificates, as well as published applications for the same.

5. The objective of INPADOC is to establish a worldwide patent documentation service. For this purpose INPADOC has signed agreements of cooperation with the Patent Offices of Australia, Denmark, Finland, France, Germany (Federal Republic of), Japan, Norway, Soviet Union, Sweden and with the International Patent Institute (IIB) for obtaining in machine-readable form bibliographic data pertaining to patent documents. These bibliographic data, together with the ones presently keyboarded by INPADOC itself, are stored in INPADOC's central data base (IDB).

6. At present, patent documents of the following countries are covered in INPADOC's data base: Australia, Austria, Belgium, Bulgaria, Canada, Cuba, Czechoslovakia, Denmark, Finland, France, German Democratic Republic, Germany (Federal Republic of), Hungary, Japan, Luxembourg, Mongolia, Netherlands, Norway, Poland, Romania, Soviet Union, Sweden, Switzerland, United Kingdom and the United States of America (25).

7. The bibliographic data which are received or keyboarded are processed, standardized and corrected as necessary. The following bibliographic data are being inputted in the IDB:

(i) For the patent documents of all countries mentioned in paragraph 6:
- (1) the country of publication
- (2) the kind of document (patent, inventors' certificate, first publication of patent application, second publication of patent application, etc.)
- (3) the number of the document
- (4) the number of the application
- (5) the date of filing the application
- (6) the date of publication of the document or, if such date is not available, a clear reference to this date, e.g., number and year of the Official Gazette
- (7) the International Patent Classification (IPC) symbol, if any (if several, all)
- (8) the country of priority)
- (9) the number of the application which is the basis of the priority) where priority is claimed; where several priorities are claimed, all
- (10) the date of priority)

(ii) For the patent documents of Australia, Austria, Denmark, Finland, France, Germany (Federal Republic of), Norway, Sweden and the United States of America, the following additional data are also stored:
- (11) the name of the inventor) where several, all
- (12) the name of the owner)

(iii) For the patent documents of Australia, Austria, Germany (Federal Republic of), and the United States of America is furthermore stored:
- (13) the title of the invention (in English or German).

8. Details of the present contents of the INPADOC Data Base (IDB) are given below*:

Country of publication of document		Earliest date of document. data stored			Number of documents stored on Sept. 30, 1974
Code	Name	Day	Month	Year	
AU	Austria	08	01	1973	20,571
BE	Belgium	02	01	1973	24,116
BG	Bulgaria	10	11	1973	870
CA	Canada	02	04	1974	5,642
CH	Switzerland	15	01	1973	21,664
CS	Czechoslovakia	23	08	1973	6,359
DK	Denmark	12	11	1973	1,403
DL	German Democratic Republic	12	07	1973	8,158
DT	Germany, Federal Republic of	04	01	1973	152,110
FR	France	05	01	1973	99,254
GB	United Kingdom	04	01	1973	62,299
HU	Hungary	28	07	1973	2,041
JA	Japan	02	04	1973	163,105
LU	Luxembourg	05	01	1973	3,751
NL	Netherlands	02	01	1973	27,911
NO	Norway	02	01	1973	3,455
OE	Austria	10	01	1973	13,524
PO	Poland	31	08	1973	577
RU	Romania	20	07	1973	1,681
SF	Finland	28	02	1973	2,026
SU	Soviet Union	07	12	1972	71,611
SW	Sweden	17	09	1973	8,525
US	United States of America	01	05	1973	93,166
Total number of documents covered					793,719

* Data for patent documents from Cuba and Mongolia not yet available at the time of writing this document

9. INPADOC, in cooperation with WIPO, is constantly trying to enlarge the scope of the IDB, both with regard to country coverage and with regard to the number of bibliographic data which are stored for each patent document, e.g., documents of Spain and Italy may soon be included as a result of successful negotiations with these countries.

10. The IDB is now growing at a rate of approximately 800,000 patent documents per year, and represents the most important computerized patent data base in the world.

INPADOC Services

11. On the basis of the bibliographic data contained in the IDB, INPADOC identifies:

(i) patent documents which are connected/related on the basis of a common priority claim (the "Patent Family Service")

(ii) patent documents which are connected/related on the basis of a common symbol of the International Patent Classification (IPC) (the "Patent Classification Service")

(iii) patent documents which are connected/related on the basis of a common applicant or owner (the "Current Applicant Index").

INPADOC also offers a copy service of patent documents from a very complete file of l6mm roll microfilms. (Annex A)

12. The Patent Family Service (PFS), the Patent Classification Service (PCS) and the Current Applicant Index (CAL) are offered as computer printouts either on paper (for a limited number of documents) or on computer output on microfiche (COM). Copies of sample printouts of these services are attached as Annex B.

Possibilities of Use of INPADOC Services

13. Information centers in developing countries could profit from INPADOC services in the following way (the details of any system for information transfer could be worked out for each case separately):

(i) the information center creates a patent information unit responsible for the transfer of patent information within the country;

(ii) the responsible staff are trained in the use of the International Patent Classification;

(iii) requests for lists of documents pertaining to a particular field of technology are formulated and translated into the relevant symbols of the IPC (WIPO and INPADOC, in cooperation with the Austrian Patent Office, could help in formulating and translating the "profiles of interest");

(iv) the requests are transmitted to INPADOC for processing in the framework of the PCS;

(v) replies are forwarded to the patent information units.

14. This general outline for a possible 'information-transfer procedure' should be annotated as follows:

ad (i) university libraries, official research centers, licensing control agencies, ministries and government departments could also profit from these services and be serviced as such;

ad (ii) the training of staff in the developing countries could, by using the IPC, be effected under the WIPO Legal Technical Assistance Program;

ad (iii) INPADOC also accepts requests for information regarding "patent families", both current and backlog, and searches for "applicants" and "owners"

– requests can be limited to patent documents of certain countries, in certain languages and, to a certain extent, for certain periods of time. Copies of the documents can be included at option

– requests can be “current” (i.e., monthly updating “bulletins”) or single non-recurrent;

ad (iv) the patent information unit should centralize all requests from a given country or region before transmitting them to INPADOC;

ad (v) INPADOC will forward replies “en bloc” to the patent information units for further distribution.

15. The value of these services for developing countries should perhaps be tested in one or more pilot projects for a limited period of time. The details of such pilot projects could be elaborated once one or more patent information centers in developing countries have expressed their interest in taking advantage of the INPADOC services for developing countries.

16. *The Interim Committee is requested to take note of this report and advise the International Bureau on further action, including any steps it might wish to undertake in order to make INPADOC known to a broader circle of developing countries.*

[Annexes A and B follow]

ANNEX A

PAPER COPIES

of the patent documents of the following countries can be furnished:

Country	Kind of Document	Document Number from	Document Number to	Remark
Australia	Patent Specification	year 1926	year 1936	1)
	Patent Specification	No. 100.001	3)	
Austria	Patentschrift	No. 1	3)	
Belgium	Brevet d'invention	complete	3)	
Bulgaria	Opisanie na isobretenie	No. 1	3)	
Canada	Patent	No. 462.146	3)	
CSSR	Patentowy Spis	No. 1	3)	
Denmark	Patent- / Fremlaeggelsesskrift	No. 2.001	3)	
Federal Republic of Germany	Patentschrift	No. 1	1. issue of "Auslegeschriften"	
	Auslegeschrift	No. 1.000.001	3)	
	Offenlegungsschrift	No. 1.400.001	3)	
Finland	Patentti (Patent) Kuulutusjulkaisu (Utläggningsskrift)	No. 26.837	3)	
France	Brevet d'invention	No. 317.502	3)	
	Brevet Spécial de Médicament	No. 1	No. 7.100	
	Addition au Brevet d'invention	No. 1	No. 95.000	
	Première Publication	No. 2.000.001	3)	
German Democratic Republic	Patentschrift	No. 1	3)	
Hungary	Szabadalmi Leirás	No. 5.801	3)	2)
Italy	Brevetto per Invenzione Industriale	No. 242.974	3)	2)
Netherlands	Octrooi	No. 1	3)	
Norway	Patent	No. 2.841		2)
	Utlegningsskrift	No. 115.000	3)	
Poland	Opis Patentowy	No. 1	3)	
Roumania	Descriera Inventiei	No. 40.380	3)	
Sweden	Patentskrift	complete	No. 227.775	
	Utläggningsskrift	No. 300.001	3)	
Switzerland	Patentschrift	No. 1	3)	2)
	Patentschrift Zusatz	No. 1	No. 699	
United Kingdom	Patent Specification	year 1617	year 1915	2)
	Patent Specification	No. 100.001	No. 524.678	2)
	Patent Specification	No. 524.679	No. 572.500	1)
	Patent Specification	No. 572.501	3)	
United States of America	Patent	No. 115.264	3)	2)
USSR	Opisanie isobretenija	No. 1	3)	2)
Yugoslavia	Patentni Spis	from the beginning	year 1941	
	Patentni Spis	No. 22.609		3)

1) = incomplete 2) = nearly complete 3) = regular supplements

[Annex B follows]

APPLICANT	CC	PUBDAT	KD	DOC.NO	CC	PR.DAT	KA	PRIORITY NO.	IPC	TITLE
ST REGIS PAPER CY,US	FR	740524	A1	2204577	US	721026	A	72 301400	C02C 5/02	
IS PAPER CY,US	FR	740524	A1	2204738	US	721101	A	72 301401	D21C 11/00	
IS PAPER CY,US									C09F 3/02	
STAAR S.A., BRUESSEL	DT	740522	A1	2324559	BE	721117	A	72 124258	G11B 15/18	VORRICHTUNG FUER SCHNELLEN BANDVOR
S.A., BRUESSEL					BE	730315	A	73 128813		
STAAT BERN, VERTRETEN DUR	DT	730118	C3	1589967	CH	670307	A	67 3353	H01S 3/18	DIODENLASER
STABILIMENTI CHIMICI FARM	FR	740524	A7	2204968	IT	721030	A	72 53693	A61F 13/10	
IMENTI CHIMICI FARM									A63B 71/14	
STACOR CORP,US	US	731009	A	3763547	US	710126	A2	71 109769	B23P 19/00	AUTOMATIC FASTENING MACHINE
CORP,US									B23Q 7/10	
STADELMAYR, HANS-GUENTHER	DT	730118	A1	2132610	DT	710630	A	71 2132610	A24F 15/10	BEHAELTNIS FUER ZIGARETTEN MIT FOE
MAYR, HANS-GUENTHER	DT	730118	A1	2132657	DT	710630	A	71 2132657	B62D 37/00	NOTBREMSANLAGE FUER STRASSEN- ODER
STADLER, KARL HEINZ, 6432	DT	730118	C3	1401946	DT	620822	A	64 1401946	F23N 5/20	STEUERVORRICHTUNG FUER OELFEUERUNG
STAEDTLER J,DT	US	740416	A	3804540	DT	711206	A	71 2160387	B43K 1/06	NIB OF PLASTICS MATERIAL FOR TUBUL
STAHL-SCHANZ GMBH, 6052*M	DT	740522	A1	2256919	DT	721120	A	72 2256919	F16B 7/04	BEFESTIGUNGSELEMENT, INSBESONDERE
STAHLGRUBER, OTTO GRUBER	DT	730118	B2	1920480	DT	690423	A	69 1920480	B29H 5/16	VERFAHREN ZUM ENDLOSSCHLIESSEN EIN
STAHLHOF BREUNINGER & GRO	DT	730111	A1	2133213	DT	710703	A	71 2133213	E05C 15/04	SCHUBLADENSPERRE FUER VERTIKALSCHR
STAHLKONSTRUKTIONEN SUCKO	DT	730111	A1	2131104	DT	710623	A	71 2131104	E04B 5/55	RASTERDECKE MIT AN DER ROHBAUDECKE
STAHLWERKE SUEDWESTFALEN	DT	740522	A1	2255673	DT	721114	A	72 2255673	C22C 39/20	VERWENDUNG EINER FERRITISCH-AUSTEN
STAL REFRIGERATION AB, NO	DT	730111	C3	2057750	SW	691127	A	69 16371	F01C 21/12	REGELVORRICHTUNG FUER ROTATIONSKOL
STAMICARBON B.V., GELEEN	DT	740522	A1	2355632	NL	721108	A	72 7215065	F16L 55/02	SCHALLDAEMPFER MIT DIFFUSOR
ARBON BV,NL	FR	740524	A1	2204576	NL	721031	A	72 7214701	C02C 5/00	
ARBON N.V., HEERLEN	DT	730118	A1	2231440	NL	710701	A	71 7109068	C01B 21/14	VERBESSERTES VERFAHREN ZU DER HERS
ARBON N.V., HEERLEN	DT	730118	A1	2231958	NL	710702	A	71 7109143	C08F 25/00	VERFAHREN ZU DER HERSTELLUNG THERM
ARBON N.V., HEERLEN	DT	730118	A1	2231993	NL	710702	A	71 7109142	C08F 27/00	VERFAHREN ZU DER HERSTELLUNG VON B
ARBON NV HEERLEN,NL	US	740416	A	3804912	NL	701126	A	70 7017274	C07C 5/24	PROCESS FOR THE PREPARATION OF ETH
STANDARD ELEKRTIK LORENZ	DT	730118	A1	2134287	DT	710709	A	71 2134287	H04R 9/06	KLANGVERAENDERLICHER DYNAMISCHER L
RD ELEKTRIK LORENZ	DT	740522	C3	1512993	DT	670623	A	65 1512993	H04Q 3/49	SCHALTUNGSANORDNUNG ZUR PRUEFUNG E
RD ELEKTRIK LORENZ	DT	730118	C3	1541628	DT	661125	A	65 1541628	H04B 1/26	MIT EINEM EMPFANGSMISCHER KOMBINIE
RD ELEKTRIK LORENZ	DT	730118	B2	1563047	DT	660517	A	65 1563047	H01R 39/40	BUERSTENHALTERANORDNUNG FUER ELEKT
RD ELEKTRIK LORENZ	DT	730111	C3	1614727	DT	670510	A	66 1614727	H01F 7/08	MAGNETSYSTEM MIT ANKER, SPULE UND
RD ELEKTRIK LORENZ	DT	740522	C3	1781335	DT	680928	A	67 1781335	B65G 51/32	ROHRPOSTSTATION ZUM WAHLWEISEN EMP
RD ELEKTRIK LORENZ	DT	730118	C3	1903687	DT	690125	A	69 1903687	H05K 1/10	VERFAHREN ZUR HERSTELLUNG KREUZUNG
RD ELEKTRIK LORENZ	DT	730118	B2	2019374	DT	700422	A	70 2019374	H04B 3/14	KONTINUIERLICH EINSTELLBARER DAEMP
RD ELEKTRIK LORENZ	DT	730118	C3	2040115	DT	700812	A	70 2040115	B65G 51/26	ROHRPOSTSTATION FUER FAHRZEUGBENUT
RD ELEKTRIK LORENZ	DT	730118	C2	2061467	DT	701214	A	70 2061467	B65G 51/26	ROHRPOSTENDSTATION
RD ELEKTRIK LORENZ	DT	730118	A1	2133394	DT	710705	A	71 2133394	G01L 9/08	VERFAHREN ZUR MESSUNG VON STATISCH
RD ELEKTRIK LORENZ	DT	740522	A1	2256252	DT	721116	A	72 2256252	H05K 13/00	VERFAHREN UND VORRICHTUNG ZUR EXAK
RD ELEKTRIK LORENZ	DT	740522	A1	2256904	DT	721120	A	72 2256904	G01L 3/18	MESSVORRICHTUNG ZUR MESSUNG DES AN
RD ELEKTRIK LORENZ									G01L 5/00	
RD MAGNET AG, HUENE	DT	730111	A1	1728462	DT	641127	A	67 1728462	F04D 13/02	KREISELPUMPE MIT SPHAERISCHEM LUFT
STANDARD OIL CO., CHICAGO	DT	740522	A1	2354872	US	721116	A	72 307038	C07C 57/14	VERFAHREN ZUR HERSTELLUNG VON MALE
RD OIL CO,US	US	731009	A	3764565	US	700309	A3	70 17454	B01J 11/06	CATALYST FOR HYDROCRACKING A RESID
RD OIL CO,US					US	661130	A2	66 598046	B01J 11/22	
RD OIL CO,US	US	740416	A	3804756	US	720622	A	72 265162	C02B 1/18	ENVIRONMENTALLY SAFE DISPOSAL OF O
RD OIL CO,US	US	740416	A	3804917	US	650223	A2	65 434393	C08F 1/66	POLYMERIZATION PROCESS
RD OIL CY,US	FR	740524	B1	2062993	US	690925	A	69 860958	C10M 1/00	
RD OIL CY,US	FR	740524	A1	2204607	US	721027	A	72 301614	C07C 57/14	
RD OIL CY,US									B01J 11/06	
RD PAINT & VARNISH	US	740416	A	3804639	US	700713	A2	70 54638	C09D 5/10	COATING COMPOSITION HAVING POLYMER
RD PRESSED CO,US	US	740416	A	3803793	US	700414	A1	70 28377	F16B 5/02	METHOD AND APPARATUS FOR PRELOADIN
RD PRESSED CO,US									F16B 35/00	
RD PROD CO,US	US	731009	A	3764010	US	701015	A	70 80982	B01D 21/24	APPARATUS AND METHOD FOR CLEANING
RD RES INST,US	US	731009	A	3764869	US	730226	A	73 335836	H02K 29/02	METHOD AND APPARATUS FOR PULSE WID
RD SCREW CO., HARTF	DT	730118	B2	1914807	US	680624	A	68 739260	E03C 1/084	VORRICHTUNG ZUR BILDUNG EINER TRIN

CC	PR.DAT	KA	PRIORITY NO.	CC	PUBDAT	KD	DOC.NO	APPDAT	KA	YY	APPL.NO.	I P C	APPLICANT
US	710601	A	71 148992	FR	730119	A5	2141120	720531	A	72	7219568	C08D 3/00	UNION CARBIDE
												C08D 9/00	
		A	71 148994	FR	730112	A1	2140116	720531	A	72	7219477	C08F 1/00	DIAMOND SHAMRO
												C08F 3/00	
		A	71 148996	US	730605	A	3737456	710601	A	71	148996	C07D105/02	UPJOHN CO,US
		A	71 149000	FR	730119	A5	2141123	720531	A	72	7219544	D21C 1/00	PROCESS EVALUA
				FR	730511	A1	2154407	720531	A	72	7219543	D21C 1/00	PROCESS EVALUA
												D21C 3/00	
				AU	731122	A1	4245072	720518	A	72	42450	D21C 1/02	PROCESS EVALUATION AND DEVELOPMENT CORP.
												D21C 3/02	
				AU	731122	A1	4251072	720519	A	72	42510	D21C 1/02	PROCESS EVALUATION AND DEVELOPMENT CORP.
												D21C 3/02	
		A	71 149002	US	740115	A	3786011	710601	A	71	149002	C00C 9/14	COAL IND LTD,GB
												C00F 29/24	
		A	71 149017	FR	730112	A1	2140126	720531	A	72	7219501	A61K 27/00	INTERNAL CHEMI
												C07D 5/00	
				DL	730820	C	99791	720529	A1	72	163262	C07D 55/06	
												C07D 51/50	
				AU	731220	A1	4215772	720511	A	72	42157	C07D 51/50	INTERNATIONAL CHEMICAL & NUCLEAR CORP.
												A61K 27/00	
		A	71 149021	FR	730112	A1	2140141	720531	A	72	7219560	C09K 3/00	NL INDUSTRIES
												C08K 1/00	
		A	71 149035	FR	730119	A5	2141078	720516	A	72	7217469	C07D 55/00	FMC CORPORATIO
		A	71 149045	DT	730104	A1	2226998	720602	A	72	2226998	D02J 1/22	THE CARBORUNDUM CO., NIAGARA FALLS, N.Y. (V.ST.
				FR	730112	A1	2140128	720531	A	72	7219503	D01F 7/00	CARBORUNDUM CY
												D02J 1/00	
		A	71 149046	FR	730112	A1	2140129	720531	A	72	7219504	D01F 7/00	CARBORUNDUM CY
												C08G 37/00	
		A	71 149048	FR	730119	A5	2141115	720531	A	72	7219488	C07D 55/00	CIBA GEIGY AG
												C08F 45/00	
		A	71 149050	FR	730112	A1	2140113	720531	A	72	7219468	C07C 7/00	MOBIL OIL CORP
												C07C 15/00	
		A	71 149054	FR	730119	A5	2141106	720531	A	72	7219414	G03G 7/00	EASTMAN KODAK
												G03G 13/00	
				GB	731017	A	1334344	720601	A	72	25716	G03G 7/00	
												B44D 1/14	
		A	71 149055	US	730529	A	3736524	710601	A	71	149055	H01S 3/20	EASTMAN KODAK CO,US
		A	71 149056	FR	730119	A5	2141080	720518	A	72	7217770	C07D 71/00	EASTMAN KODAK
												C07D 81/00	
		A	71 149058	FR	730112	A1	2140172	720601	A	72	7219761	C07C 27/00	NATIONAL DISTI
												C07C 31/00	
		A	71 149064	FR	730119	A5	2141129	720531	A	72	7219572	G09F 3/00	USS ENGINEERS
				AU	731129	A1	4270572	720525	A	72	42705	C23C 3/04	USS ENGINEERS AND CONSULTANTS, INC.
		A1	71 149068	US	740219	A	3793251	730207	A	73	330535	C07C 3/00	CHEVRON RES CO,US
												C07C 9/00	
		A	71 149072	FR	730112	A1	2140028	720529	A	72	7219103	A61K 27/00	PARKE DAVIS ET
				GB	740110	A	1343374	720517	A	72	23274	A61K 27/00	
												A61J 3/10	
		A	71 149075	FR	730112	A1	2139913	720524	A	72	7218407	C07C 29/00	M ET T CHEMICA
												C07C 31/00	
				AU	731129	A1	4270972	720525	A	72	42709	C07F 9/90	M & T CHEMICALS INC.

CC	PR.DAT	KA	PRIORITY NO.	CC	PUBDAT	KD	DOC.NO	APPDAT	KA	YY	APPL.NO.	I P C	APPLICANT
AR	710105	A	71	233326	AU	730321	A1	3706171	711217	A	71	37061 C10L 5/16	
AR	710202	A	71	233791	US	720101	A	3702019	720202	A	72	222010 F91C 23/00	DEERE F. A.
AR	710905	A	71	239030	CH	730331	A	509209	720905	A	72	4959 F22D 23/04	ESTABLECIMIENTOS VENTURINI S A IND,AR
AR					NO	720309	D	122155	720320	A	72	1055 D03F 57/00	
AR	710519	A	71	235659	FR	730713	D1	2130030	720510	A	72	7217702 C10C 5/00	GOLDSCHMIDT F KONSTANDT,CH
AR												C11D 1/00	POLVANINI CESA
AR					AU	731122	A1	4243572	720510	A	72	42435 C11D 1/22	DE SANCHEZ ELS
AR												C11D 1/72	POLVANINI, C. E., AND DE SANCHEZ, E. J.
AR												C11D 3/26	
AR	710526	A	71	235006	FR	730105	A1	2139165	720526	A	72	7210901 D04B 15/00	KLINZ LUIS
AR													SILVERMAN FERN
AR					FR	730713	D1	2139165	720526	A	72	7210901 D04B 15/00	KLINZ LUIS
AR													SILVERMAN FERN
AR	710609	A	71	235975	FR	730112	A1	2140207	720602	A	72	7219093 C10G 33/00	FERN JOSE
AR												C22B 1/00	
AR	710606	A	71	236630	FR	730316	A1	2147979	720706	A	72	7224916 F91F 3/00	DIGIO
AR												F91C 21/00	
AR	710603	A	71	236059	FR	730119	A1	2140579	720603	A	72	7220674 H04R 7/00	BERTAGNI JOSE
AR													
AR	710616	A	71	236220	FR	730126	A1	2141983	720615	A	72	7221672 H04R 9/00	BERTAGNI JOSE
AR													
AR	710706	A	71	236630	NL	730109	A	7209936	720706	A	72	7209936 F91F 17/00	
AR												F91D 11/00	
AR	710806	A	71	237249	FR	730323	A1	2190905	720120	A	72	7202929 A61K 21/00	LADO PHARMEDIC
AR												C07D 99/00	
AR					JA	730909	A2	90036702	720909	A	72	33210	
AR					CD	740213	A	1396740	720802	A	72	36050 C07D 99/16	
AR												C07C101/20	
AR	710820	A	71	237476	NL	730322	A	7211224	720817	A	72	7211224 C[illegible]/00	
AR					FR	730906	A2	2150869	720810	A	72	7229869 A47H 13/00	SILVESTRE SADI
AR													
AR					JA	730921	A2	90039660	730921	A	72	02072	
AR					CD	740123	A	1399533	730510	A	72	35177 A47H 13/14	
AR					AU	740228	A1	4603672	730921	A	72	46003 A47H 5/00	SILVESTRE, S.
AR	711011	A	71	230929	FR	730301	A5	2157913	721011	A	72	7236029 F02B 53/00	TAUROZZI EDUAR
AR													
AR					JA	730623	A2	90036700	721011	A	72	101201	
AR	711014	A	71	230970	DE	730301	A1	7300[illegible]	721013	A	72	123079 H01R /[illegible]	
AR					NL	730317	A	7218[illegible]01	721016	A	72	7218[illegible]01 H01H 13/00	
AR					FR	730301	A5	2157979	721010	A	72	7235030 H01R 13/00	KERSHAW JORGE
AR													
AR					JA	730709	A2	90036000	721013	A	72	101591	
AR	711020	A	71	230739	DE	730215	A1	7300[illegible]49	721030	A	72	123099 C07D /[illegible]	
AR	711117	A	71	239005	FR	730629	A1	2160933	721114	A	72	7240292 A63F 7/00	NIDALDO MOSCIA
AR													
AR	711216	A	71	239650	US	720212	A	3792304	721101	A	72	302639 H01F 5/00	BERTAGNI J,AR
AR	711229	A	71	239003	DE	730629	A2	7300[illegible]00	721229	A	72	2052422 H04H /[illegible]	

CC	PR.DAT	KA	PRIORITY NO.	CC	PUBDAT	KD	DOC.NO	APPDAT	KA	YY	APPL.NO.	I P C	APPLICANT
DD	710110	A	71 320	CD	730501	A	1926279	720113	A	72	1620	F02M 19/00 F02M 7/18	
DD	710310	A	71 99999999	JA	731229	A2	48102737	720310	A	72	24607		
DD	710614	A	71 3631	FR	730126	A1	2141076	720613	A	72	7221256	D06C 5/00 D06D 11/00	CALULLENOVICH
DD		A	71 363179	US	740212	A	3791432	720600	A	72	260096	D06C 5/06	CALULLENOVICH A.CR
DD	710906	A	71 5057	FR	730927	A1	2152616	720904	A	72	7231296	C10G 1/00	PETROLEO BRASI
DD				AU	740220	A1	4579372	720021	A	72	45793	C10G 99/00 C10G 53/06 C10G 1/02	PETROLEO BRASILEIRO S.A. - PETROBRAS
DD	710910	A	71 5972	FR	730927	A1	2152603	720031	A	72	7230905	D06B 23/00 D06D 17/00	NASETTO CARLOS VILLAC ALBERTO
DD				JA	730601	A2	48037279	720909	A	72	98054		
DD	710920			AU	740314	A1	4636172	720906	A	72	46361	D06B 17/02 D06B 17/06 D06B 17/16 D06B 17/20	NASETTO, C. A., AND VILLAC, A.
DD	711027	A	71 7104	FR	730615	A1	2160260	721025	A	72	7237709	D06C 17/00	SOUCEK JOSEF
DD	711220	A	71 0441	DE	730916	A4	793074	721220	A	72	126600	G09F /	
DD				NL	730622	A	7217140	721215	A	72	7217140	B05B 39/02 D06B 63/14	
DD				FR	730098	A2	2169661	721210	A	72	7245070	D06B 55/00	LIMA CASTRO NE
DD				JA	731003	A2	48073300	721220	A	72	120054		

I P C	CC PUBDAT KD	DOC.NO	IPC (ALL)	CC PR.DAT KA	PRIORITY NO.	TITLE
G06M 7/00	DT 740117 B2	2124413	G06M 7/00	DT 710517 A 71	2124913	VORRICHTUNG ZUM ZAEHLEN VON ABSCHNITTEN EINER MATERIALBA
	DT 740131 B2	2101273	G06M 7/00	DT 710113 A 71	2101273	VERFAHREN ZUR ZAEHLUNG VON STREIFEN EINER LAUFENDEN, GES
	DT 740214 B2	2100575	G06M 7/00	DT 710107 A 71	2100575	ZAEHLVORRICHTUNG FUER FAHRZEUGE
	FR 730309 A5	2147529	D06B 57/00	FR 710723 A 71	7120996	
			G06M 7/00			
	FR 731130 A1	2100937	G06M 7/00	GB 720420 A 72	10353	
			D07D 13/00			
	FR 740329 A1	2190120	G01D 7/14	US 720905 A 72	206276	
			G06M 7/00			
	GB 730704 A	1321934	G06M 7/00	US 710225 A 71	110017	
	GB 731128 A	1339203	D07C 3/16	US 691113 A 69	076345	
			G06M 7/00			
	GB 740116 A	1343646	G01D 13/00	DT 700508 A 70	2022539	
			D23D 25/06			
			D23D 15/00			
			D23D 23/00			
			D21D 43/26			
			G06M 7/00			
	GB 740123 A	1344906	G01N 21/30	GB 710520 A 70	26940	
			G06M 7/00			
	SU 730320 T	374694	G06M 7/00	SU 700922 A 70	1477371	
	SU 730405 D	376975	G06M 7/00	PO 700316 A 70	139430	
	SU 730418 T	370909	G06M 7/00	SU 710200 A 71	1625364	
	SU 730614 T	305055	D65G 43/00	SU 700320 A 70	1417914	
			G06M 7/00			
	US 730605 A	3737666	G06M 7/00	US 710415 A 71	134302	COUNTER FOR A STREAM OF OVERLAPPED ARTICLES
			D65G 43/00			
	US 730605 A	3737660	G06M 7/00	GB 700730 A 70	36971	KEYBOARD
			C[illegible]/C[illegible]			
			H01J 39/12			
	US 730605 A	3737605	G06M 7/00	US 710011 A 71	170011	APPARATUS AND METHOD FOR CONTROLLING AN ELECTRICAL POWER
	US 730911 A	3750703	G01N 21/30	CH 710322 A 71	4241	READER MECHANISM FOR OPTICALLY DISCERNIBLE CHARACTERS
			G06K 7/00			
			G06M 7/00			
	US 731127 A	3775610	E01D 29/00	US 720009 A 72	279002	METHOD AND APPARATUS FOR CHECKING AND/OR CORRECTING RAIL
			G06M 7/00			
	US 740101 A	3703273	G01N 21/30	CH 710708 A 71	10079	METHOD AND APPARATUS FOR CONTROLLING A LIGHT SOURCE OF A
			G06M 7/00			
	US 740115 A	3706261	G01J 1/32	US 711012 A 71	100123	OPTICAL SCANNING DEVICE
			G06M 7/00			
			G01N 21/26			
	US 740115 A	3706266	G06M 7/00	GB 690519 A 69	25529	METHODS AND APPARATUS FOR DISTINGUISHING BETWEEN BODIES
	US 740205 A	3790032	G06M 7/00	US 711213 A 71	207411	APPARATUS FOR SEPARATING ARTICLES INTO NUMERICALLY UNIFO
G06M 7/02	CH 730615 A	536520	G06M 7/02	CH 710311 A 71	3561	
			D23D 7/02			
	DL 730712 Z	99033	G06M 7/02	DL 720920 A1 72	165913	
	DT 731129 A1	2320156	G06M 7/02	GB 720420 A 72	10353	VERFAHREN UND VORRICHTUNG ZUM ZAEHLEN KLEINER TEILE
	GB 740116 A	1344071	G06M 7/02	GB 700407 A 70	16499	
				GB 700114 A 70	1001	
	SU 730022 T	394024	G06M 7/02	SU 710309 A 71	1631670	
			G00G 1/01			
	SU 731003 T	399090	G00C 9/04	SU 720201 A 72	1742907	
			G06M 7/02			
	SU 731210 T	408344	G06M 7/02	SU 720120 A 72	1741219	
	SU 740105 D	410580	A01C 7/04	DT 701229 A 70	2064336	

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