CANPATFULL (Canadian (CA) Patents Full-text)

Subject Coverage

All patent-relevant areas of science and technology, i.e., all classes of the International Patent Classification

File Type

Full-Text

Features

Thesauri	International Patent Classification (/IPC), Cooperative Patent Classification (/CPC), European Patent Classification (/EPC and ICO)		
Alerts (SDIs)	Weekly or monthly (weekly is the default)		
CAS Registry Numbers® Identifiers	☐	SLART	☑
Keep & Share	☑	Structures	☐
Register Links	☑		

Record Content

- Full-text of patent applications and patent specifications published in Canada from 1869 to the present.
- Records are available about three days after publication date with the complete content.
- Records contain bibliographic data including inventor and patent assignee, patent, applicant, and priority application data, IPC, CPC, and EPC classification codes, abstract, and full-text of description and claims.
- Independent claims and claim groups are searchable for all claims in English.
- Numeric values of 59 physical and chemical properties are searchable in all English language text fields (title, abstract, descriptions, claims). From the basic units of these properties about 20,000 variants of the base and additional units are taken into account. See 'HELP NPS' for details.
- Ultimate Owners are searchable in the field /UO and /UOS.
- Standardized and normalized patent assignee names are searched in /PAS and /PAN.
- Key terms, indexed and displayed in the field /KT, enhance retrieval of relevant results, and make the evaluation of results more efficient. They are useful to broaden search scope more precisely than Basic Index searches
- About 60,000 records with French as publication language. French abstracts of these records are human translated to English, claims and descriptions are machine translated. 95% of all publications since 1976 have a French and English title.
- Database records comprise all documents published for one application.
- Clipped images (mostly front-page images) are also included, when available.
- Some of the full-text has been created by Optical Character Recognition (OCR) software. Therefore, characters may be misinterpreted, or portions of the text may be incomplete. A small percentage of records are absent because they failed to scan.

File Size

- More than 2.57 million family records with more than 3.1 million publications (07/2024)
- More than 1.55 million front page images from 1918 to present (07/2024)

Coverage

1869 to present

Updates

Weekly

Languages

English, French

Database Producer	LexisNexis Business Information Solutions B.V. Radarweg 29 1043 NX Amsterdam The Netherlands Copyright Holder
Sources	Patent applications and patent specifications published by the Canadian Intellectual Property Office
User Aids	• Online Helps (HELP DIRECTORY lists all help messages available) • STNGUIDE
Clusters	• AEROTECH • ALLBIB • AUTHORS • CORPSOURCE • ENGINEERING • FULLTEXT • HPATENTS • NPS • PATENTS • PNTTEXT STN Database Cluster information

Search and Display Field Codes

If multiple search terms are linked with an AND-operator, all terms are searched in the complete database record, i.e., in all publications referring to one application. For a search in a specific publication of the record, connect the search term and the patent kind code with the (L)-proximity operator, e.g.,
S BOREHOLE/ABEN,TIEN,CLMEN (L) CAA1/PK limits the search to Canadian applications CAA1.

Fields that allow left truncation are indicated by an asterisk (*).

General Search Fields

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index* (contains single words from the titles (TIEN, TIFR), abstracts (ABEN, ABFR), detailed description (DETDEN, DETDFR), claims (CLMEN, CLMFR), and main claims (MCLMEN, MCLMFR) fields)	None or /BI	S TRANSISTOR AND ELECTRODE S ACOUSTIC SENSOR S ?TRANSFER? S PLASTIQUE	TI, TIEN, TIFR, AB, ABEN, ABFR, CLM, CLMEN, CLMFR, DETD, DETDEN, DETDFR, MCLM, MCLMEN, MCLMFR
Abstract* (in English and French)	/AB	S BOREHOLE/AB	AB
Abstract in English	/ABEN	S BOREHOLE/ABEN	AB, ABEN
Abstract in French	/ABFR	S PLASTIQUE/ABFR	AB, ABFR
Accession Number	/AN	S 2010006109/AN	AN
Agent **(4)**	/AG	S ANDREW/AG	AG
Agent, Country (WIPO code and text)	/AG.CNY	S CA/AG.CNY	AG.CNY
Agent, Total	/AG.T	S MANTHA & SEABY, CA/AG.T	AG
Application Country (WIPO code and text)	/AC	S CA/AC	AI
Application Date **(1)**	/AD	S AD=JAN 2003	AI
Application Kind Code	/AK	S CAA1/AK	AI
Application Number **(2)**	/AP	S CA 1980-362442 /AP	AI
Application Number, Original	/APO	S CA362442/APO	APO
Application Year **(1)**	/AY	S AY>=2000	AI
Claims* (in English and French)	/CLM	S DERIVATION/CLM	CLM
Claims (in English)	/CLMEN	S DERIVATION/CLMEN	CLM, CLMEN
Claims (in French)	/CLMFR	S DERIVATION/CLMFR	CLM, CLMFR
Cooperative Patent Classification **(3)**	/CPC	S C12N0009/CPC	CPC
Cooperative Patent Classification, Action Date	/CPC.ACD	S 20121113/CPC.ACD	CPC.TAB
Cooperative Patent Classification, Keywords	/CPC.KW	S C12N0009/CPC(S)I/CPC.KW	CPC.TAB
Cooperative Patent Classification, Version	/CPC.VER	S 20130101/CPC.VER	CPC.TAB
Data Entry Date **(1)**	/DED	S NOV 2022/DED	DED
Data Update Date **(1)**	/DUPD	S 20231106/DUPD	DUPD
Detailed Description* (in English)	/DETDEN (or /DETD)	S ?DERIVATION/DETDEN	DETDEN
Document Type (code and text)	/DT (or /TC)	S PATENT/DT	DT
Entry Date **(1)**	/ED	S ED=MAY 2024	ED
Entry Date of Full-text **(1)**	/EDTX	S 20240512/EDTX	EDTX
EPC, Keyword Terms	/EPC.KW	S D12/EPC.KW	EPC
European Patent Classification **(3)**	/EPC (or /ECLA, /EPCLA)	S A01B0001-02B/EPC	EPC
Field Availability	/FA	S ABFR/FA	FA
ICO (in-computer-only) Classification **(3)**	/ICO	S T05B0213-05/ICO	ICO
ICO Keyword Terms	/ICO.KW	S MICA/ICO.KW	ICO
IdT (Indeling der Techniek)	/IDT	S B21K0001-56/IDT	IDT
International Patent Classification (ICM, ICS)	/IC	S A24B/IC	IC, ICM, ICS
International Patent Classification (ICM, ICS, IPCI, IPCR) **(3)**	/IPC	S A01B001/IPC	ICM, ICS, IPCI, IPCR

General Search Fields (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Inventor	/IN (AU)	S MANDEL ALEXANDER L/IN S MANDEL?/IN	IN
Inventor Address	/INA	S BADHAUSSTRASSE/INA	IN
Inventor, Country (WIPO code and text)	/IN.CNY	S AU/IN.CNY	IN, IN.CNY
IPC, Action Date **(1)**	/IPC.ACD	S 20051008/IPC.ACD	IPC.TAB
IPC, Additional	/ICA	S B01D0053-14/ICA	ICA
IPC, Initial	/ICI	S D06M0015-66/ICI	ICI
IPC, Initial	/IPCI	S B21B0001/IPCI	IPCI
IPC, Keyword Terms	/IPC.KW	S INITIAL/IPC.KW	IPC.TAB
IPC, Main	/ICM	S A01N001/ICM	ICM
IPC, Reclassified	/IPCR	S B21B0001/IPCR	IPCR
IPC, Reform	/IPC.REF	S A01B0001-04/IPC.REF	IPC.TAB
IPC, Secondary	/ICS	S A01B0001-12/ICS	ICS
IPC, Version	/IPC.VER	S 7/IPC.VER	IPC.TAB
Key Terms*	/KT	S GLUCOSE ANALYZER/KT	KT
Language (code and text)	/LA	S EN/LA	LA
Language, Filing (code and text)	/LAF	S ENGLISH/LAF	LAF
Main Claim* (in English and French)	/MCLM	S ?FRACTURE?/MCLM	MCLM
Main Claims in English	/MCLMEN	S DERIVATION/MCLMEN	MCLMEN
Main Claims in French	/MCLMFR	S DERIVATION/MCLMFR	MCLMFR
Number of Claims **(1)**	/CLMN	S 5-7/CLMN	CLMN
Number of Paragraphs in DETD (Detailed Description) **(1)**	/DETN	S DETN<10	DETN
Patent Assignee **(4)**	/PA (or /CS)	S BASF AG/PA	PA
Patent Assignee, Country (WIPO code and text)	/PA.CNY	S IL/PA.CNY	PA, PA.CNY
Patent Assignee, Nationality (WIPO code)	/PA.NAT	S CU/PA.NAT	PA
Patent Assignee, Residence (WIPO code)	/PA.RES	S KR/PA.RES	PA
Patent Assignee, Total **(4)**	/PA.T	S SANDISK IL/PA.T	PA
Patent Assignee Address **(4)**	/PAA	S 353 LAKESIDE DRIVE, FOSTER CITY, CA, 94404, US/PAA	PA
Patent Assignee Normalized **(4)**	/PAN	S PFIZER/PAN	PAN
Patent Assignee Standardized **(4)**	/PAS	S BASF/PAS	PAS
Patent Country (WIPO code and text)	/PC	S CA/PC	PI
Patent Information Publication Type	/PIT	S “CAE REISSUE PATENT (FIRST LEVEL)”/PIT	PIT
Patent Kind Code	/PK	S CAA1/PK	PI
Patent Number **(2)**	/PN	S CA 3232936/PN	PI
Patent Number, Original	/PNO	S CA3232936/PNO	PNO
Patent Number/Kind Code	/PNK	S CA 3232936 A1 /PNK	PI
Physical Properties	/PHP	S VOLT/PHP (S) TOUCH SCREEN/BI	KWIC
Priority Country (WIPO code and text)	/PRC	S AU/PRC S AUSTRALIA/PRC	PRN
Priority Date **(1)**	/PRD	S PRD=APRIL 2 2003 S 20030402/PRD	PRN
Priority Date, First **(1)**	/PRDF	S 20000109/PRDF	PRN
Priority Number **(2)**	/PRN	S AR1971-234466 /PRN	PRN
Priority Number, Original	/PRNO	S AR23446671/PRNO	PRNO, PRAO
Priority Number Kind Code	/PRK	S DEA/PRK	PRN
Priority Year **(1)**	/PRY	S 1993/PRY	PRN
Priority Year, First **(1)**	/PRYF	S 1993-1994/PRYF	PRN
Publication Date **(1)**	/PD	S PD=JAN-FEB 2003	PI
Publication Year **(1)**	/PY	S PY>2003 AND L1	PI
Related Application Country	/RLC	S WO/RLC	RLI
Related Application Number	/RLN	S WO1995-FR1391/RLN	RLI
Related Application Date **(1)**	/RLD	S 20000109/RLD	RLI
Related Application Type	/RLT	S PCT APPLICATION/RLT	RLI
Related Application Year **(1)**	/RLY	S 2005/RLY	RLI
Related Patent Country	/RLPC	S WO/RLC	RLI
Related Patent Number **(2)**	/RLPN	S WO2000000026/RLPN	RLI
Related Patent Date **(1)**	/RLPD	S 20000309/RLPD	RLI

General Search Fields (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Related Patent Year **(1)**	/RLPY	S 2005/RLPY	RLI
Title* (in English and French)	/TI	S FLUID###/TI	TI
Title in English	/TIEN	S TOUCH SCREEN/TIEN	TI, TIEN
Title in French	/TIFR	S ECRAN TACTILE/TIFR	TI, TIFR
Ultimate Owner **(4)**	/UO	S BASF/UO	UO
Ultimate Owner Standardized **(4)**	/UOS	S BASF/UOS	UOS
Update Date **(1)**	/UP	S UP=MAR 2023	UP
Update Date Text **(1)**	/UPTX	S 20240501/UPTX	UPTX

(1) Numeric search field that may be searched using numeric operators or ranges.
(2) By default, patent numbers, application and priority numbers are displayed in STN Format. To display them in Derwent format, enter SET PATENT DERWENT at an arrow prompt. To reset display to STN Format, enter SET PATENT STN.
(3) An online thesaurus is available in this field.
(4) Search with implied (S) proximity is available in this field.

Super Search Fields

Enter a super search code to execute a search in one or more fields that may contain the desired information. Super search fields facilitate crossfile and multifile searching. EXPAND may not be used with super search fields. Use EXPAND with the individual field codes instead.

Search Field Name	Search Code	Fields Searched	Search Examples	Display Codes
Application Number Group	/APPS	AP, APO, PRN, PRNO, RLN	S AR1971-234466 /APPS	AI, APO, PRAI, PRAO, APPS
Patent Assignee Group	/PASS	PA, PAN, PAS, PA.T, UO, UOS	S BIONTECH/PASS	PA, PAN, PAS, PA.T, UO, UOS
Patent Number Group	/PATS	PN, PNO, RLPN	S CA 3232936/PATS	PI, PNO, RLPI, PATS

Property Fields [1]

In CANPATFULL a numeric search for a specific set of physical properties (/PHP) is available within the full-text fields (TI, AB, DETD and CLM). The numeric values are not displayed as single fields, but a highlighted within the hit displays.

Use EXPAND/PHP to search for all available physical properties. A search with the respective field codes will be carried out in all database fields with English text. The /PHP index contains a complete list of codes and related text for all physical properties available for numeric search.

Field Code	Property	Unit	Symbol	Search Examples
/AOS	Amount of substance	Mol	mol	S 10 /AOS
/BIR	Bit Rate	Bit/Second	bit/s	S 8000-10000/BIR
/BIT	Stored Information	Bit	Bit	S BIT > 3 MEGABIT
/CAP	Capacitance	Farad	F	S 1-10 MF/CAP
/CATA	Catalytic Activity	Katal	kat	S 1-10/CATA
/CDN	Current Density	Ampere/Square Meter	A/m^2	S CDN>10 A/M**2
/CMOL	Molarity, Molar Concentration	Mol/Liter	mol/L	S UREA/BI (S) 8/CMOL
/CON	Conductance	Siemens	S	S 1S-3/CON
/DB	Decibel	Decibel	dB	S DB>50
/DEG	Degree	Degree	°	S CYLINDER/BI (S) 45/DEG
/DEN (/C)	Density (Mass Concentration)	Kilogram/Cubic Meter	kg/m^3	S 5E-3-10E-3/DEN
/DEQ	Dose Equivalent	Sievert	Sv	S 100/DEQ
/DOA	Dosage	Milligram/Kilogram/Day	mg/kg/day	S 100-300/DOA
/DOS (/LD50)	Dose	Milligram/Kilogram	mg/kg	S DOS>0.8
/DV	Viscosity, dynamic	Pascal * Second	Pa*s	S DV>5000
/ECH (/CHA)	Electric Charge	Coulomb	C	S 0.0001-0.001/ECH
/ECO (/ECND)	Electrical Conductivity	Siemens/Meter	S/m	S ECO>800 S/M (15A) AQUEOUS
/ELC (/ECC)	Electric Current	Ampere	A	S 1-10/ELC
/ELF (/ECF)	Electric Field	Volt/Meter	V/m	S 200/ELF
/ENE	Energy	Joule	J	S DROPLETS (10A) 40 JOULE - 70 JOULE /ENE
/ERE (/ERES)	Electrical Resistivity	Ohm*Meter	Ohm*m	S ERE>0.1
/FOR	Force	Newton	N	S 50 N /FOR
/FRE (/F)	Frequency	Hertz	Hz	S OSCILLAT?/BI (S) 1- 3/FRE
/IU	International Unit	none	IU	S IU>1000 (P) VITAMIN A
/KV	Viscosity, kinematic	Square Meter/Second	m2/s	S METHYLPOLYSILOXANES/BI (10A) 200-300 CST /KV
/LEN (/SIZ)	Length, Size	Meter	m	S 1-4/LEN
/LUME	Luminous Emittance, Illuminance	Lux	lx	S 10-50/LUME
/LUMF	Luminous Flux	Lumen	Lm	S LUMF>1000
/LUMI	Luminous Intensity	Candela	cd	S LUMI<4
/M	Mass	Kilogram	kg	S ALLOY/BI (30A) 1E-10-1E-5/M
/MCH	Mass to Charge Ratio	none	m/z	S MCH=1
/MFD (/MFS)	Magnetic Flux Density	Tesla	T	S MFD>102
/MFR (/MFL)	Mass Flow Rate	Kilogram/Second	kg/s	S MFR<0.1
/MFST	Magnetic Field Strength	Ampere/Meter	A/m	S 100-200/MFST
/MM (/MW, /MOM)	Molar Mass	Gram/Mol	g/mol	S 2000-3000 G/MOL/MM
/MOLS	Molality of Substance	Mol/Kilogram	mol/kg	S 01.-10 MOL/KG/MOLS
/MVR	Melt Volume Rate, Melt Flow Rate	none	g/10 min	S 3/MVR

Property Fields (1) (cont'd)

Field Code	Property	Unit	Symbol	Search Examples
/PER	Percent (Proportionality)	none	%	S POLYMER?/AB (5A) 4/PER
/PHV (/PH)	pH Value	pH	pH	S 7.4-7.6/PHV
/POW (/PW)	Power	Watt	W	S "HG-XE-?"/BI (S) 100-200 WATT/POW
/PPM	Parts per million	Ppm	ppm	S 100 PPM /PPM (10A) ADDITIVE/BI
/PRES (/P)	Pressure	Pascal	Pa	S (VACUUM (5A) DISTILL?)/BI (S) 1000-1100/PRES
/RAD	Radioactivity	Becquerel	Bq	S 10-20/RAD
/RES	Electrical Resistance	Ohm	Ohm	S SENSOR /BI (S) 10- 100/RES
/RI	Refractive Index	none		S 3-4/RI
/RSP	Rotational Speed	Revolution/Minute	rpm	S 2 RPM - 100 RPM /RSP (S) ENGINE/BI
/SAR	Area /Surface Area	Square Meter	m2	S PLATE/BI (S) 10 M**2 - 100 M**2 /SAR
/SOL (/SLB)	Solubility	Gram/100 gram	g/100g	S SOL>20 G/100G (5A) WATER
/SSAM	Specific Surface Area, Mass	Square Meter/ Kilogram	m2/kg	S 1-10/SSAM
/STSC	Surface Tension	Joule /Square Meter	J/m2	S 60 J/M**2/STSC
/TCO (/TCND)	Thermal Conductivity	Watt/Meter*Kelvin	W/m*K	S 1/TCO (S) HEAT?
/TEMP (/T)	Temperature	Kelvin	K	S 20-25/TEMP
/TEX	Tex	Gram/Kilometer	g/km	S 1-5/TEX
/TIM	Time	Second	s	S ?INCUB?/BI (10A) 50 S - 150 S /TIM
/VEL (/V)	Velocity	Meter per Second	m/s	S REDUC?/BI (S) 1E-3-5E-3/VEL
/VELA	Velocity, angular	Radian/Second	rad/s	S VELA>10
/VLR	Volumetric Flow Rate	Cubic Meter/Second	m3/s	S 1 M**3/S - 2 M**3/S /VLR (S) ABRASIVE
/VOL	Volume	Cubic Meter	m3	S 1E-8-2E-8/VOL.EX
/VOLT	Voltage	Volt	V	S TENSION/BI (10A) 5E-3 V <VOLT<7E-3 V

(1) Exponential format is recommended for the search of particularly high or low values, e.g., 1.8E+7 or 1.8E7 (for 18000000) and 9.2E-8 (for 0.000000092).

International Patent Classification (/IPC) Thesaurus

The classifications, validity and catchwords for the main headings and subheadings from the current (8th) edition of the WIPO International Patent Classification (IPC) manual are available. The classifications from the previous editions (1-7) are also available as separate thesauri. To EXPAND and SEARCH in the thesauri for editions 1–7, use the field code followed by the edition number, e.g., /IPC2, for the 2nd edition. Catchwords are included only in the thesauri for the 8th, 7th, 6th , and 5th editions.

Code	Content	Examples
ADVANCED (ADV)	Advanced Codes for the Core Level IPC Code	E A61K0006-02+ADVANCED/IPC
ALL	All Associated Terms (BT, SELF, NT, RT)	E C01C003-00+ALL/IPC
BRO (MAN)	Complete Class	E C01C+BRO/IPC
BT	Broader Term (BT, SELF)	E C01F001-00+BT/IPC
CORE (COR)	Core Codes for the Advanced Level IPC Code	E G08C0019-22+CORE/IPC
ED	Complete title of the SELF term and IPC manual edition	E C01F001-00+ED/IPC
HIE	Hierarchy Term (Broader and Narrower Term) (BT, SELF, NT)	E C01B003-00+HIE/IPC
INDEX	Complete title of the SELF term	E C01F001-00+INDEX/IPC
KT	Keyword Term (catchwords) (SELF, KT)	E CYANOGEN+KT/IPC
NEXT	Next Classification	E C01C001-00+NEXT5/IPC
NT	Narrower Terms (SELF, NT)	E C01C+NT/IPC
PREV	Previous Classification	E C01C001-12+PREV10/IPC
RT (SIB)	Related Terms (SELF, RT)	E C01C003-20+RT/IPC
TI	Complete Title of the SELF Term and Broader Terms (BT, SELF)	E C01F001-00+TI/IPC

ECLA (/EPC) and ICO Thesauri

These thesauri are available in the /EPC search field (for ECLA codes) and /ICO search field (for 'in-computer-only' codes). All relationship codes can be used with both the EXPAND and SEARCH commands. See HELP RCODES, HELP THESAURUS and HELP ICO for further information.

Code	Content	Search Examples
ALL	All usually required terms (BT, SELF, CODE, DEF)	E C12M0001-34H2+ALL/EPC E L32B0310:00+ALL/ICO
AUTO **(1)**	Automatic relationship (BT, SELF, CODE, DEF)	E 01J003-443+AUTO/ICO
BT	Broader terms (BT, SELF)	E G01J0003-443+BT/EPC
CODE	Classification Code (SELF, CODE)	E SCRAPER BIASING MEANS+CODE/EPC
DEF	Definition (SELF, DEF)	E B65G0045-16+DEF/EPC
HIE	Hierarchy terms (all broader and narrower terms) (BT, SELF, DEF, NT)	E A01B0001+HIE/EPC
KT	Keyword terms (SELF, KT)	E LASER+KT/EPC
MAX	All associated terms	E G01J0003-44B+MAX/EPC
NEXT	Next classification within the same class (SELF, NEXT)	E A01B0001-24+NEXT/EPC
NEXT(n)	Next n classification within the same class	E A01B0001-24+NEXT3/EPC
NT	Narrower terms	E G05B0001-04+NT/EPC
PREV	Previous Code within the same class (SELF, PREV)	E G05B0019-418N1+PREV/EPC
PREV(n)	Previous n classifications within the same class	E G05B0019-418N1+PREV2/EPC
TI	Complete Title of SELF Term and Broader Terms (BT, SELF)	E G05B0001-03+TI/EPC

(1) Automatic Relationship is SET OFF. In case of SET REL ON the result of EXPAND or SEARCH without any relationship code is the same as described for AUTO.

CPC Thesaurus

This thesaurus is available in the /CPC search field. All relationship codes can be used with both the EXPAND and SEARCH commands.

Relationship Code	Content	Search Examples
ALL	All usually required terms (BT, SELF, CODE, DEF)	E C12M0001-005+ALL/CPC
AUTO **(1)**	Automatic relationship (BT, SELF, CODE, DEF)	E G01J003-443+AUTO/CPC
BT	Broader terms (BT, SELF)	E G01J0003-443+BT/CPC
CODE	Classification Code (SELF, CODE)	E CARTRIDGES+CODE/CPC
DEF	Definition (SELF, DEF)	E B65G0045-16+DEF/CPC
HIE	Hierarchy terms (all broader and narrower terms) (BT, SELF, DEF, NT)	E A01B0001+HIE/CPC
KT	Keyword terms (SELF, KT)	E LASER+KT/CPC
MAX	All associated terms	E G01J0003-44+MAX/CPC
NEXT	Next classification within the same class (SELF, NEXT)	E A01B0001-24+NEXT/CPC
NEXT(n)	Next n classification within the same class	E A01B0001-24+NEXT3/CPC
NT	Narrower terms	E G05B0001-04+NT/CPC
PREV	Previous Code within the same class (SELF, PREV)	E G05B0019-00+PREV/CPC
PREV(n)	Previous n classifications within the same class	E G05B0019-00+PREV2/CPC
TI	Complete Title of SELF Term and Broader Terms (BT, SELF)	E G05B0001-03+TI/CPC

(1) Automatic Relationship is SET OFF. In case of SET REL ON the result of EXPAND or SEARCH without any relationship code is the same as described for AUTO.

DISPLAY and PRINT Formats

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 TI AU. The fields are displayed or printed in the order requested.

The information of the latest publication is displayed by default. To display the content for all levels of the record you can combine all display fields and formats with the qualifier .M except FA, SCAN, and TRIAL. The default display format is STD.M, i.e., all publication levels of one family in the STD format.

For displaying a particular publication of a database record, you can simply add for certain display field the kind code to the appropriate display format, e.g., ALL.A1. Fields that allow this are indicated by a number (3). Hit-term highlighting is available for all fields. Highlighting must be ON during SEARCH to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AB (ABS)	Abstract (in English and French)	D TI AB 1-5
ABEN	Abstract in English	D ABEN
ABFR	Abstract in French	D ABFR
AG	Agent	D AG
AG.CNY	Agent, Country	D AG.CNY
AI (AP) **(1)**	Application Information	D AI
AN	Accession Number	D L3 AN
APO	Application Number, Original	D APO
CLM **(3)**	Claims (in English and French)	D CLM
CLMEN **(3)**	Claims in English	D CLMEN
CLMFR **(3)**	Claims in French	D CLMFR
CLMN **(2)**	Number of Claims	D CLMN
CPC	Cooperative Patent Classification	D CPC
CPC.TAB	CPC, Tabular	D CPC.TAB
DED	Data Entry Date	D DED
DETD) **(3)**	Detailed Description (in English and French)	D DETD
DETDEN **(3)**	Detailed Description (in English)	D DETDEN
DETDFR **(3)**	Detailed Description (in French)	D DETDFR
DETN **(2)**	Number of Paragraphs in DETD	D DETN
DT (TC)	Document Type	D DT
DUPD	Data Update Date	D DUPD
ED	Entry Date	D ED
EDP	Entry Date Patent	D EDP

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
EDTX	Entry Date of Text	D EDTX
EPC (ECLA, EPCLA)	European Patent Classification	D EPC
FA	Field Availability (for all publication levels)	D FA
GI	Graphic Image	D GI
IC	IPC (format contains ICM, ICS)	D IC
ICA	IPC, Additional	D IC
ICI	IPC, Initial	D IC
ICM	IPC, Main	D IC
ICO	ICO (in-computer-only) Classification	D ICO
ICS	IPC, Secondary	D ICS
IDT	IdT Classification (Indeling der Techniek)	D IDT
IN (AU)	Inventor	D IN
IN.CNY	Inventor, Country	D IN.CNY
IPC	International Patent Classification (version 1-8) (IPCI, IPCR, ICM, ICS, ICA, ICI)	D IPC
IPCI	IPC, Initial	D IPCI
IPCR	IPC, Reclassified	D IPCR
LA	Language	D LA
LAF	Language of Filing	D LAF
MCLM	Main Claim (in English and French)	D MCLM
MCLMEN	Main Claim in English	D MCLMEN
MCLMFR	Main Claim in French	D MCLMFR
PA (CS)	Patent Assignee	D PA
PA.CNY	Patent Assignee, Country	D PA.CNY
PAN	Patent Assignee Normalized	D PAN
PAS	Patent Assignee Standardized	D PAS
PI (PN) **(1)**	Patent Information	D PI
PIT	Patent Information Publication Type	D PIT
PNO	Patent Number, Original	D PNO
PRN (PRAI) **(1,5)**	Priority Information	D PRN
PRNO (PRAO **(2)**	Priority Number, Original	D PRNO
PRYF	Priority Year, First	D PRYF
RLI (RLN) **(1)**	Related Patent Information	D RLI
TI	Title (in English and French)	D TI
TIEN	Title in English	D TIEN
TIFR	Title in French	D TIFR
UO	Ultimate Owner	D UO
UOS	Ultimate Owner Standardized	D UOS
UP	Update Date	D UP
UPTX	Update Date Text	D UPTX
ALL **(1,3)**	AN, EDP, ED, EDTX, UP, DED, DUPD, TIEN, IN, PA, PAS, PAN, UO, UOS, AG, LAF, LA, DT, PIT, PI, AI, RLI, PRAI, IPC, CPC, EPC, ICO, IDT, ABEN, DETDEN, CLMEN, KT	D ALL
ALLG **(1)**	ALL, plus graphic image	D ALLG
IALL **(1,3)**	ALL, indented with text labels	D IALL
DALL **(1)**	ALL, delimited for post processing	D DALL
IALLG **(1)**	IALL, plus graphic image	D IALLG
APPS **(1)**	APO, RLN, PRAI, PRAO	D APPS
BIB **(1)**	AN, EDP, ED, EDTX, UP, DED, DUPD, TIEN, IN, PA, PAS, PAN, UO, UOS, AG, LAF, LA, DT, PIT, PI, AI, RLI, PRAI, IPC, CPC, EPC, ICO, IDT	D BIB
BIBG **(1)**	BIB, plus graphic image	D BIBG
IBIB **(1)**	BIB, indented with text labels	D IBIB
IBIBG **(1)**	IBIB, plus graphic image	D IBIBG
BRIEF **(1)**	AN, EDP, ED, EDTX, UP, DED, DUPD, TIEN, IN, PA, PAS, PAN, UO, UOS, AG, LAF, LA, DT, PIT, PI, AI, RLI, PRAI, IPC, EPC, ICO, IDT, ABEN, MCLMEN, KT	D BRIEF
BRIEFG **(1,4)**	BRIEF, plus graphic image	D BRIEFG
IBRIEF **(1)**	BRIEF, indented with text labels	D IBRIEF
IBRIEFG **(1,4)**	BRIEFG, indented with text labels	D IBRIEFG
IND	IPC (ICM, ICS, IPCI, IPCR), CPC, EPC, ICO, IDT	D IND
CPC.TAB	CPC, CPC.KW, CPC.ACD, CPC.VER in tabular format	D CPC.TAB
IPC	International Patent Classification (ICM, ICS, IPCI, IPCR)	D IPC

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
IPC.TAB	IPC, IPC.KW, IPC.ACD, IPC.VER, in tabular version	D IPC.TAB
MAX (ALL.M) **(1)**	AN, ED, EDTX, UP, DED, DUPD, TI, IN, PA, PAS, PAN, UO, UOS, AG, LAF, LA, DT, PIT, PI, AI, RLI, PRAI, IPC, CPC, EPC, ICO, IDT, AB, DETD, CLM, KT, FA for all levels of publication	D MAX
MAXG (ALLG.M) **(1)**	MAX, plus graphic image	D MAXG
IMAX (IALL.M) **(1)**	MAX, indented with text labels	D IMAX
IMAXG (IALLG.M) **(1)**	IMAX, plus graphic image	D IMAXG
PATS	PI, PNO, RLPI	D PATS
SCAN **(4)**	TI (random display without answer numbers)	D SCAN
STD **(1,6)**	AN, EDP, ED, EDTX, UP, DED, DUPD, TIEN, IN, PA, PAS, PAN, UO, UOS, AG, LAF, LA, DT, PIT, PI, AI, RLI, PRAI, IPC, CPC, EPC, ICO, IDT	D STD
STDG **(1)**	STD, plus graphic image	D STDG
ISTD **(1)**	STD, indented with text labels	D ISTD
ISTDG **(1)**	ISTD, plus graphic image	D ISTDG
TRIAL (TRI, SAM, SAMPLE, FREE)	EDP, ED, EDTX, UP, DED, DUPD, TI, FA, DETN, CLMN	D TRIAL
TX	DETD, CLM	D TX
HIT	Hit term(s) and field(s)	D HIT
KWIC	Up to 50 words before and after hit term(s) (KeyWord-In-Context)	D KWIC
OCC	Number of occurrences of hit term(s) and field(s) in which they occur	D OCC

(1) By default, patent numbers, application and priority numbers are displayed in STN Format. To display them in Derwent format, enter SET PATENT DERWENT at an arrow prompt. To reset display to STN Format, enter SET PATENT STN.
(2) Custom display only.
(3) You can combine this display field with the qualifier .PK (Patent Kind Code) to display the content for a certain publication level of a record, e.g., CLM.B2.
(4) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.
(5) If priority information is not available for a certain document, this information is taken from the application information of this document and marked with an asterisk (*).
(6) The default display format is STD.M, i.e., all publication levels of one family in the STD format.

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

You can combine all fields except FA with the qualifier .M to SELECT/ANALYZE the content of all publication levels.

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Accession Number	AN	Y	Y
Agent	AG	Y	Y
Agent, Country	AG.CNY	Y	Y
Agent, Total	AG.T	Y	Y
Application Country	AC	Y	Y
Application Date	AD	Y	Y
Application Information Group	APPS	Y	Y
Application Kind Code	AK	Y **(3)**	Y
Application Number	AP (AI)	Y **(2)**	Y
Application Number, Original	APO	Y	Y
Application Year	AY	Y	Y
CPC Classification	CPC	Y	Y
Data Entry Date	DED	Y	Y
Data Update Date	DUPD	Y	Y
Document Type	DT (TC)	Y	Y
Entry Date	ED	Y	Y
Entry Date Full-text	EDTX	Y	Y
Entry Date Patent	EDP	Y	Y
European Patent Classification	EPC (ECLA, EPCLA)	Y	N
Field Availability	FA	Y	N
International Patent Classification	IC	Y	N
Inventor	IN (AU)	Y	Y
Inventor, Country	IN.CNY	Y	Y
ICO (in-computer-only) Classification	ICO	Y	Y
IdT Classification (Indeling der Techniek)	IDT	Y	Y
IPC (ICM, ICS, ICA, ICI, IPCI, IPCR)	IPC	Y	Y
IPC, Additional	ICA	Y	Y
IPC, Advanced Level Symbols	IPC.A	Y **(4)**	N
IPC, Advanced Level Symbols for Invention	IPC.AI	Y **(4)**	N
IPC, Core Level	IPC.C	Y	N
IPC, Core Level, Invention	IPC.CI	Y	N
IPC, Initial	ICI	Y	Y
IPC, Initial	IPCI	Y	Y
IPC, Main	ICM	Y	Y
IPC, Reclassified	IPCR	Y	Y
IPC, Reform	IPC.REF	Y	N
IPC, Secondary	ICS	Y	Y
Key Terms	KT	Y	N
Language	LA	Y	Y
Language of Filing	LAF	Y	Y
Number of Claims	CLMN	Y	Y
Number of Paragraphs in DETD	DETN	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Patent Assignee	PA (CS)	Y	Y
Patent Assignee, Country	PA.CNY	Y	Y
Patent Assignee, Nationality	PA.NAT	Y	Y
Patent Assignee, Residence	PA.RES	Y	Y

SELECT, ANALYZE, and SORT Fields (cont'd)

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Patent Assignee, Total	PA.T	Y	Y
Patent Assignee Address	PAA	Y	Y
Patent Assignee Normalized	PAN	Y	Y
Patent Assignee Standardized	PAS	Y	Y
Patent Country	PC	Y	Y
Patent Information Publication Type	PIT	Y	Y
Patent Kind Code	PK	Y	Y
Patent Number	PN (PI)	Y (default)	Y
Patent Number Group	PATS	Y	Y
Patent Number, Original	PNO	Y	Y
Patent Number/Kind Code	PNK	Y **(3)**	Y
Pre-IPC8 Symbols from the ICM and first IPC8 values from 2006-present	IPC.F	Y	N
Priority Country	PRC	Y	Y
Priority Date	PRD	Y	Y
Priority Date, First	PRDF	Y	Y
Priority Number Kind Code	PRK	Y	Y
Priority Number	PRN (PRAI)	Y	Y
Priority Number, Original	PRNO	Y	Y
Priority Year	PRY	Y	Y
Priority Year, First	PRYF	Y	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y	Y
Related Application Country	RLC	Y	Y
Related Application Date	RLD	Y	Y
Related Application Number	RLN	Y	Y
Related Application Type	RLT	Y	N
Related Application Year	RLY	Y	Y
Related Patent Country	RLPC	Y	Y
Related Patent Date	RLPD	Y	Y
Related Patent Number	RLPN	Y **(3)**	Y
Related Patent Year	RLPY	Y	Y
Title (in English and French)	TI	Y	Y
Title in English	TIEN	Y	Y
Title in French	TIFR	Y	Y
Ultimate Owner Normalized	UO	Y	Y
Ultimate Owner Standardized	UOS	Y	Y
Update Date	UP	Y	Y
Update Date Text	UPTX	Y	Y

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT TI.
(2) Selects or analyzes application numbers with /AP appended to the terms created by SELECT.
(3) SELECT or ANALYZE HIT are not valid with this field.
(4) Appends /IPC to the terms created by SELECT.

Sample Records

DISPLAY MAX (STN format)

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AN     2008007896   CANPATFULL  EDP 20110816  ED 20110816 UP 20211017 EDTX
       20110816 UPTX 20191122
       DED 20091113 DUPD 20211012 Full-text
TIEN   VERSATILE SAW
TIFR   SCIE VERSATILE
IN     GINGRAS CLAUDE A, CA
PA     GINGRAS CLAUDE A, 23 rue Roy, DOSQUET, G0S 1H0, CA, [NAT: CA, RES: CA]
PAS    GINGRAS CLAUDE
AG     NA, CA
LAF    French
LA     French
DT     Patent; (Fulltext)
PI     CA 2630663               A1    20091105
PIT    CAA1 LAID-OPEN PATENT APPLICATION [FROM NO. 2000001 ONWARDS]
AI     CA 2008-2630663          A     20080505
PRAI   CA 2008-2630663                20080505
IPCI   B23D0047-00 [I,A]; B23D0045-04 [I,A]; B27B0005-10 [I,A]; B28D0001-04
       [I,A]; E02F0005-30 [I,A]; E04G0023-08 [I,A]
CPC    B27B0005-208; B28D0001-045; B28D0001-122; B27B0005-10; Y10T0083-7697
EPC    B28D0001-04E; B27B0005-10; B27B0005-20G; B28D0001-12B2

ABEN
       Equivalent from US2009272244A1
       A circular saw (22) of 10-foot diameter or greater stems from a shovel
       stick (56) of a hydraulic shovel. The saw operates with hydraulics and
       linkages to adapt to all planes and positions, including taking any
       angular positions from 0 to 135 degrees. A control valve (61) determines
       the positioning of the saw thereby allowing the carving of a half-sphere
       …

ABFR
       Original
       Une scie circulaire de diametre d'environ 10 pieds ou de grand diametre
       au bout d'un mat d'une pelle hydraulique, la scie fonctionnant a l'aide
       d'un moteur hydraulique. La scie peut, sur tous les plans et toutes les
       positions, prendre toutes les positions angulaires que le travail
       …

DETDEN
       [DESC0001] Title of the invention saw inconstancy field of the invention
       the present invention relates to the deposition of the Provisional U.S.
       61/064, 443 of the 6 March 2008 regarding use of a circular saw
       installed at the tip of a mast of a hydraulic shovel, to cut rock,
       concrete, asphalt, steel, wood or other.Description of the prior art the
       following inventions have drawn our attention:U.S. 08,494,057 "

       [DESC0003] SAWs 9.7 to send a" of on Patrick Kelly and Al delivered 25
       July 1997; shows a concrete saw circular adapted to be mounted on an
       articulated arm, the saw moving back and forth on a horizontal plane.AC
       2,055,246 "metal-cutting" Claude Levesque, delivered the December 1995;
       shows a round saw mounted on a base with four legs.AC 1,329,355
       …

CLMEN
       [CLM0001] 1. a concrete saw device (22) mounted perpendicularly to a
       mechanical apparatus comprising a housing (23.24) surrounding a rotating
       shaft (28) being at one end fixed to said saw, said rotation shaft being
       propelled at another end by an internal motor installed therein, said
       mechanical apparatus being moved by rotation means (47.46.50.52) for
       lifting said saw in an angular path, being circular and said saw for
       cutting hard materials of a group comprising masonry wall, concrete,
       bitumen, steel, hardwood, pruning.
```

[CLM0002] 2. the device of claim 1 wherein said angular travel is from 0 to approximately 135 degrees.

DETDFR

[DESC0001] TITRE DE L'INVENTION Scie versatile DOMAINE DE L'INVENTION La presente invention se revendique d'un depot US Provisional 61/064,443 du 6 mars 2008 concernant l'utilisation d'une scie circulaire installee au bout d'un mat d'une pelle hydraulique, pour couper roche, beton, asphalte, acier, bois ou autre.
…

CLMFR

[CLM0001] 1. Une scie a beton dispositif (22) monte perpendiculairement a un appareil mecanique comprenant un boitier (23,24) entourant un arbre de rotation (28) etant a une extremite fixe a ladite scie, ledit arbre de rotation etant mu a une autre extremite par un moteur interne y installe, ledit appareil mecanique etant deplace par des moyens de rotation (47,46,50,52) destines a soulever ladite scie dans une course angulaire, ladite scie etant circulaire et destinee a couper des materiaux durs d'un groupe comprenant murs de pierre, de beton, bitume, acier, bois dur, emondage.
…

AN 2008007896 CANPATFULL EDP 20110816 ED 20110816 UP 20211017 EDTX 20110816 UPTX 20191121
DED 20101020 DUPD 20211012 Full-text
TIEN VERSATILE SAW
TIFR SCIE VERSATILE
IN GINGRAS CLAUDE A, CA
PA GINGRAS CLAUDE A, 23 rue Roy, DOSQUET, G0S 1H0, CA, [NAT: CA, RES: CA]
PAS GINGRAS CLAUDE
AG NA, CA
LAF English
LA French
DT Patent; (Fulltext)
PI CA 2630663 C 20101012
PIT CAC PATENT (PUBLISHED FROM 19901016 ONWARDS) [FROM NO. 1275151 TO 2000000] or PATENT (SECOND LEVEL) [FROM NO. 2000001 ONWARDS]
AI CA 2008-2630663 A 20080505
PRAI CA 2008-2630663 20080505
IPCI B23D0047-00 [I,A]; B23D0045-04 [I,A]; B27B0005-10 [I,A]; B28D0001-04 [I,A]; E02F0005-30 [I,A]; E04G0023-08 [I,A]
CPC B27B0005-208; B28D0001-045; B28D0001-122; B27B0005-10; Y10T0083-7697
EPC B28D0001-04E; B27B0005-10; B27B0005-20G; B28D0001-12B2

ABEN

Equivalent from US2009272244A1
A circular saw (22) of 10-foot diameter or greater stems from a shovel stick (56) of a hydraulic shovel. The saw operates with hydraulics and linkages to adapt to all planes and positions, including taking any angular positions from 0 to 135 degrees. A control valve (61) determines the positioning of the saw thereby allowing the carving of a half-sphere
…

ABFR

Original
Une scie circulaire de diametre d'environ 10 pieds ou de grand diametre au bout d'un mat d'une pelle hydraulique, la scie fonctionnant a l'aide d'un moteur hydraulique. La scie peut, sur tous les plans et toutes les positions, prendre toutes les positions angulaires que le travail necessite de 0 degre a un angle approximatif de 135 degres. Une valve de
…

DETDEN

[DESC0001] Title of the invention saw inconstancy field of the invention the present invention relates to the use of a circular saw installed at the tip of a mast of a hydraulic shovel, to cut rock, concrete, asphalt,

steel, wood or other.Description of the prior art the following inventions have drawn our attention:U.S. 5,676,127 "
…

CLMEN

[CLM0001] 1. A device of concrete saw (22) assembled perpendicular to a mechanical apparatus including/understanding a case (23,24) surrounding a tree of rotation (28) fixed at an end fixed of the aforesaid the saw, the aforementioned tree of rotation being driven at another end by an engine interns (24) there installed, the aforementioned mechanical apparatus being moved by means of swivelling (47,46,50,52) intended to raise the aforementioned saw in an angular race, the aforementioned saw being circular and intended to cut hard materials of a group including/understanding stone walls, of concrete, bituminizes, steel, hard wood, pruning.
…

DETDFR

[DESC0001] TITRE DE L'INVENTION SCIE VERSATILE DOMAINE DE L'INVENTION La presente invention concerne l'utilisation d'une scie circulaire installee au bout d'un mat d'une pelle hydraulique, pour couper roche, beton, asphalte, acier, bois ou autre.
DESCRIPTION DE L'ART ANTERIEUR Les inventions suivantes ont attire notre attention :
US 5,676,127 "EXCAVATOR MOUNTED CONCRETE SAW" de Patrick Kelly et al. delivre le 14 octobre 1997; montre une scie a beton circulaire adaptee
...

CLMFR

[CLM0001] Les realisations au sujet desquelles un droit de privilege est revendique sont definies comme suit :
[CLM0002] 1. Un dispositif de scie a beton (22) monte perpendiculairement a un appareil mecanique comprenant un boitier (23,24) entourant un arbre de rotation (28) fixe a une extremite fixe de ladite scie, ledit arbre de rotation etant mu a une autre extremite par un moteur interne (24) y installe, ledit appareil mecanique etant deplace par des moyens de pivotement (47,46,50,52) destines a soulever ladite scie dans une course angulaire, ladite scie etant circulaire et destinee a couper des materiaux durs d'un groupe comprenant murs de pierre, de beton, bitume, acier, bois dur, emondage.
…

KT

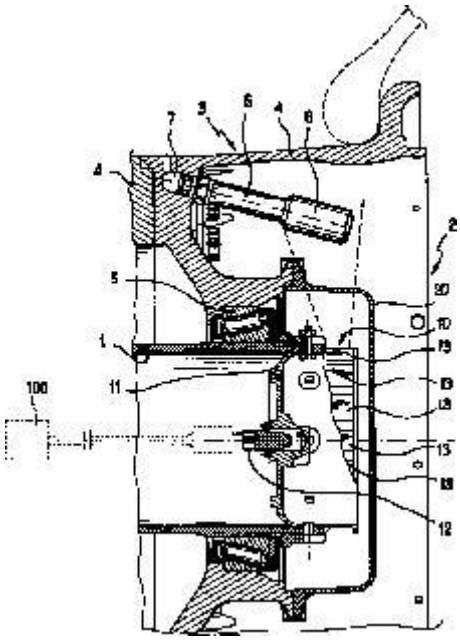
versatile saw; hydraulic shovel; circular saw; shovel stick; rotation base; rotation pivot; angular displacement; angular race; toothed rack; mobile equipment; confined space; secure job; stationary plate; control valve; rotary base; support device; hydraulic cylinder; saw blade; hydraulic motor; mechanical apparatus; hydraulic engine; cutting teeth; hydraulic arm; fixed top plate; horizontal plane; hard material; hard wood; peripheral pivot; intermediate device; traditional arm

DISPLAY BRIEFG.M (STN format)

ANSWER 1 CANPATFULL COPYRIGHT 2024 LNBIS on STN.

AN 2008002827 CANPATFULL EDP 20110816 ED 20110816 UP 20231119 EDTX 20110816 UPTX 20191123
DED 20081229 DUPD 20231114 Full-text
TIEN LANDING GEAR FITTED WITH DEVICE FOR COMMUNICATIONS BETWEEN A WHEEL AND THE LANDING GEAR
TIFR ATTERRISSEUR EQUIPE D'UN DISPOSITIF DE COMMUNICATION ENTRE UNE ROUE ET L'ATTERRISSEUR
IN LAVAUD, THOMAS, FR; PRADIER, JEAN-CLAIR, FR
PA MESSIER-BUGATTI, Zone AXFFFDronautique Louis BrXFFFDguet 78140, VELIZY VILLACOUBLAY, FR, Zone Aeronautique Louis Breguet F-78140, VELIZY VILLACOUBLAY, FR, [NAT: FR, RES: FR]
PAS MESSIER BUGATTI

UO SAFRAN
UOS Safran
AG GOUDREAU GAGE DUBUC
GOUDREAU GAGE DUBUC, CA
DT Patent; (Full-text)
PI CA 2633405 A1 20081207
PIT CAA1 LAID-OPEN PATENT APPLICATION [FROM NO. 2000001 ONWARDS]
AI CA 2008-2633405 A 20080605
PRAI FR 2007-4089 20070607
IPCI B64C0025-36 [I,A]; B60C0023-04 [N,A]; G08C0017-02 [I,A]
CPC B60C0023-0408; B60C0023-0444
EPC B60C0023-04C; B60C0023-04C6D1F
GI



ABEN

Machine translation
The invention concerns an aircraft landing gear having at least one axle on which at least one wheel is mounted for rotation, the undercarriage including a communication device for connecting a sensor mounted on a rim of the wheel to processing means still mounted on the aircraft.
...

ABFR

Original
L'invention concerne un atterrisseur d'aeronef comportant au moins un essieu sur lequel au moins une roue est montee pour tourner, l'atterrisseur comportant un dispositif de communication pour relier un capteur monte sur une jante de la roue a des moyens de traitement fixes montes sur l'aeronef. Selon l'invention, le dispositif de communication comporte d'une part une antenne solidaire du capteur et donc tournant avec la roue et d'autre part une antenne fixe s'etendant en bout
...

MCLMFR

[CLM0001] 1. Atterrisseur d'aeronef comportant au moins un essieu sur lequel au moins une roue est montee pour tour- ner, l'atterrisseur comportant un dispositif de communi- cation pour relier un capteur monte sur une jante de la roue a des moyens de traitement fixes montes sur l'aeronef, caracterise en ce que le dispositif de commu- nication comporte d'une part une antenne solidaire du capteur et donc tournant
...

CANPATFULL

AN 2008002827 CANPATFULL EDP 20110816 ED 20110818 UP 20231119 EDTX 20110818 UPTX 20191120
DED 20110810 DUPD 20231114 Full-text

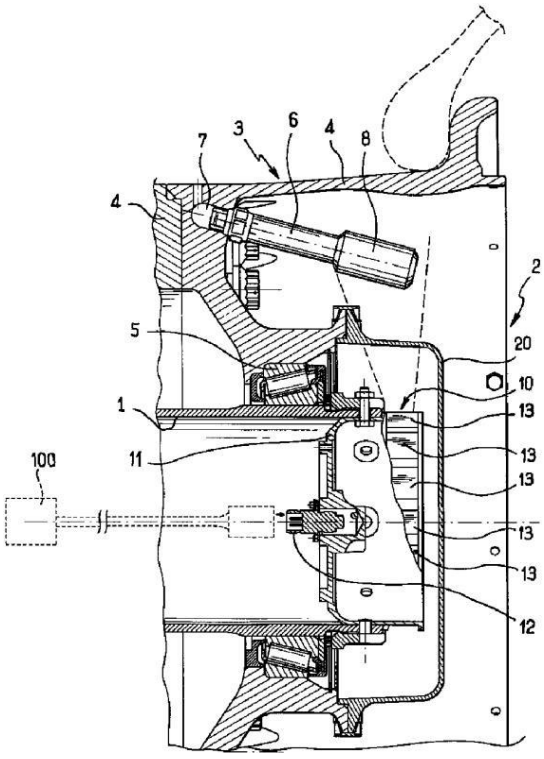
TIEN LANDING GEAR FITTED WITH DEVICE FOR COMMUNICATIONS BETWEEN A WHEEL AND THE LANDING GEAR

TIFR ATTERRISSEUR EQUIPE D'UN DISPOSITIF DE COMMUNICATION ENTRE UNE ROUE ET L'ATTERRISSEUR

IN PRADIER JEAN-CLAIR, FR; LAVAUD THOMAS, FR
PA MESSIER BUGATTI, Zone Aeronautique Louis Breguet F-78140, VELIZY VILLACOUBLAY, FR, [NAT: FR, RES: FR]
PAS MESSIER BUGATTI
UO SAFRAN
UOS Safran
AG GOUDREAU GAGE DUBUC, CA

DT Patent; (Fulltext)
PI CA 2633405 C 20110802
PIT CAC PATENT (PUBLISHED FROM 19901016 ONWARDS) [FROM NO. 1275151 TO 2000000] or PATENT (SECOND LEVEL) [FROM NO. 2000001 ONWARDS]
AI CA 2008-2633405 A 20080605
PRAI FR 2007-4089 20070607
IPCI B64C0025-36 [I,A]; B60C0023-04 [N,A]; G08C0017-02 [I,A]
CPC B60C0023-0408; B60C0023-0444
EPC B60C0023-04C; B60C0023-04C6D1F

GI



ABEN

Machine translation
The invention concerns an aircraft landing gear having at least one axle on which at least one wheel is mounted for rotation, the undercarriage including a communication device for connecting a sensor mounted on a
…

ABFR

Original
L'invention concerne un atterrisseur d'aeronef comportant au moins un essieu sur lequel au moins une roue est montee pour tourner, l'atterrisseur comportant un dispositif de communication pour relier un capteur monte sur une jante de la roue a des moyens de traitement fixes
…

```
MCLMEN
       [CLM0001] 1. a landing gear having at least one axle on which at least
       one wheel is mounted for rotation, the undercarriage including a
       communication device for connecting a sensor mounted on a rim of the
…..

MCLMFR
       [CLM0001] 1. Atterrisseur d'aeronef comportant au moins un essieu sur
       lequel au moins une roue est montee pour tourner, l'atterrisseur
       comportant un dispositif de communication pour relier un capteur monte
       sur une jante de la roue a des moyens de traitement fixes montes sur
……..

KT
       landing gear; gear fitted; fixed antenna; stationary antenna; sensor
       antenna; pressure sensor; radiating element; nonconductive material;
       radiative element; communication device; passive intermediate member;
       tapered roller bearing; radiated wave; air relationship; high frequency
       signal; flat element; passive element; free end; simplified
       communication; wireless communication; tire pressure; pressure data; rim
       halve; angular range; tick wave; radio wave; low undercarriage; low
       energy; irradiation range; non-conductive material
```