AUPATFULL (Australia (AU) 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	☐	Page Images	☐
Keep & Share	☑	SLART	☑
Learning Database	☐	Structures	☐

Record Content

- Full-text of patent applications and patent specifications published in Australia.
- Patent applications and patent specifications from 1900 to the present.
- Records of the database contain bibliographic data including patent applicant, inventor, and legal representative information, patent, application and priority application data, IPC, CPC, and EPC classification codes, abstract, and full-text of description and claims.
- Numeric values of over 30 physical and chemical properties in almost 400 unit variants are searchable in all full-text fields.
- 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.
- Database records comprise all documents published for one application.
- Clipped images (mostly front-page images) are also included, when available.
- Legal status data, family and citation display formats from the INPADOCDB database are available.

File Size

- More than 1.65 million family records with more than 2.06 million publications (07/2020)
- More than 626,082 front page images from 1917 to present (07/2020)

Coverage

1900 present, first document from 1917

Updates

Weekly

Language

English

Database Producer

LexisNexis Univentio BV
Galileiweg 8
2333 BD Leiden
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Phone: (+31) 88-6390000
Email: customersupport@univentio.com
Copyright Holder

Database Supplier

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76012 Karlsruhe
Germany
Phone: +49-7247-808-555
Fax: +49-7247-808-259
Email: helpdesk@fiz-karlsruhe.de

Sources

- Patent applications and patent specifications published by the Australian Patent Office

User Aids

- Online Helps (HELP DIRECTORY lists all help messages available)
- STNGUIDE

Cluster

- AEROTECH
- ALLBIB
- AUTHORS
- CORPSOURCE
- ENGINEERING
- FULLTEXT
- HPATENTS
- PATENTS
- PNTTEXT

STN Database Cluster information:
http://www.stn-international.de/en/customersupport/customer-support#cluster+%7C+subjects+%7C+features

Search and Display Field Codes

If multiple search terms are linked with and 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/AB,TI,CLM (L) AUA1/PK limits the search to Australian applications AUA1.

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 title (TI), abstract (AB), detailed description (DETD), claims (CLM), and main claims (MCLM) fields)	None or /BI	S TRANSISTOR AND ELECTRODE S ACOUSTIC SENSOR S ?TRANSFER?	TI, AB, DETD, CLM, MCLM
Abstract*	/AB	S BOREHOLE/AB	AB
Accession Number	/AN	S 2010006109/AN	AN
Application Country (WIPO code and text)	/AC	S AU/AC	AI
Application Date **(1)**	/AD	S AD=JAN 2003	AI
Agent	/AG	S PATENT ATTORNEY SERVICES/AG	AG
Agent Country (WIPO code and text	/AG.CNY	S AU/AG.CNY	AG, AG.CNY
Agent Address	/AGA	S 26 ELLINGWORTH PARADE, BOX HILL/AGA	AG
Agent, Total	/AG.T	S CHRYSILIOU IP, MELBOURNE/AG.T	AG
Application Number **(2)**	/AP (or /APPS)	S AU 2010-202547 /AP S 2010AU-202547/APPS	AI
Application Year **(1)**	/AY	S AY>=2000	AI
Claims*	/CLM	S DERIVATION/CLM	CLM
Cooperative Patent Classification	/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 20110124/DED	DED
Data Update Date **(1)**	/DUPD	S 20110106/DUPD	DUPD
Document Type (code and text)	/DT (or /TC)	S P/DT S PATENT/DT	DT
Entry Date **(1)**	/ED	S ED=JULY 2011	ED
Entry Date of Fulltext **(1)**	/EDTX	S 20110705/EDTX	EDTX
EPC, Keyword Terms	/EPC.KW	S D2/EPC.KW	EPC
European Patent Classification **(3)**	/EPC (or /ECLA)	S A01B0001-02B/EPC	EPC
Field Availability	/FA	S AB/FA	FA
Graphic Image Size **(1)**	/GIS	S L1 AND 700-800/GIS	GIS
ICO (in-computer-only) Classification **(3)**	/ICO	S L29C0065:18/ICO	ICO
ICO Keyword Terms	/ICO.KW	S A4/ICO.KW	ICO
IdT (Indeling der Techniek)	/IDT	S B21K0001-56/IDT	IDT
International Patent Classification (ICM, ICS, IPCI, IPCR) **(3)**	/IPC	S A01B001/IPC	ICM, ICS, IPCI, IPCR
International Patent Classification (ICM, ICS)	/IC	S A24B/IC	IC, ICM, ICS
Inventor	/IN (or /AU)	S MANDEL W MICKLEY/IN S MANDEL?/IN	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, Initial	/IPCI	S B21B0001/IPCI	IPCI
IPC, Keyword Terms	/IPC.KW	S INITIAL/IPC.KW	IPC.TAB

General Search Fields (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
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 A01B001-16/ICS	ICS
IPC, Version	/IPC.VER	S 7/IPC.VER	IPC.TAB
Key Terms **(6)**	/KT	S "GLUCOSE AND GALACTOSE ABSORPTION"/KT	KT
Language (code and text)	/LA	S EN/LA	LA
Language, Filing (code and text)	/LAF	S ENGLISH/LAF	LAF
Main Claim*	/MCLM	S ?FRACTURE?/MCLM	MCLM
Number of Claims **(1)**	/CLMN	S 5-7/CLMN	CLMN
Number of Paragraphs in DETD (Detailed Description) **(1)**	/DETN	S DETN<10	DETN
Patent Applicant/Patentee **(5)**	/PA (or /CS)	S BASF AG/PA	PA
Patent Country (WIPO code and text)	/PC	S AU/PC	PI
Patent Information Publication Type	/PIT	S " AUA OPEN TO PUBLIC INSPECTION"/PIT	PIT
Patent Kind Code	/PK	S AUA1/PK	PI
Patent Number **(2)**	/PN (or /PATS)	S AU2009201460/PN	PI
Patent Number, Original	/PNO	S AU1000101/PNO	PNO
Patent Number/Kind Code	/PNK	S AU2009201460B2/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 Kind Code	/PRK	S DEA/PRK	PRN
Priority Number **(2)**	/PRN	S DE2000-10001516/PRN	PRN
Priority Number, Original	/PRNO	S US03529404/PRNO	PRNO, PRAO
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 Patent 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 Year **(1)**	/RLY	S 2005/RLY	RLI
Title *	/TI	S FLUID###/TI	TI
Update Date **(1)**	/UP	S UP=JULY 2011	UP

(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) Only valid for IPC version 1–7.
(5) Search with implied (S) proximity is available in this field.
(6) Field available for records since 20180813/UP

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, PRN	S 2010AU-202547/APPS	AI, PRAI, APPS

Property Fields 1)

In AUPATFULL 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 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	Search Examples
/AOS	Amount of substance	Mol	S 10/AOS
/BYR	Stored Information	Byte (Byte)	S BYR<300000
/CMOL	Molar concentration (Molarity) (Concentration, amount of substance)	mol/l	S MOLYBD?/BI (S) 2/CMOL
/CON	Conductance	S (Siemens)	S 1E-2/CON
/DEG	Degree	Degree	S (POLARI? (S) ANGLE)/BI (S) 45/DEG
/DEN	Density (Mass Density)	Kg/m3	S (CELL? (S) RECOMBIN?)/CLM (S) 5E-3-10E-3/DEN
/DV	Viscosity, dynamic	Pa s	S DV>5000
/ENE	Energy	J (Joule)	S L1 AND 10000/ENE
/FOR	Force	N (Newton)	S 50 N/FOR
/FRE	Frequency	Hz (Hertz)	S ANALY?/CLM (10A) 0-3/FRE
/KV	Viscosity, kinematic	m2/s	S LUBRICANT/BI (S) 10E-5/KV
/LUME	Luminous Emittance/Illuminance	Lux	S 10-50/LUME
/LUMF	Luminous Flux (Luminous Power)	Lumen	S L74 (S) LUMF>70
/LUMI	Luminous Intensity	Candela	S 5<LUMI<15
/M	Mass	Kg (Kilogram)	S ALLOY/BI (30A) 1E-10-1E-5/M
/MFL	Mass Flow (Mass Transfer)	Kg/s	S INJECT? (S) 3-10/MFL
/MFS	Magnetic Field Strength (Magnetic Flux Density)	Tesla	S MAGNET?/BI (10W) 5<MFS<7
/MW	Molar Mass	g/mol	S 2000-3000 G/MOL/MW
/PER	Percent (Proportionality)	Percent	S (TITAN? (3A) DIOXID?)/CLM (S) 5/PER
/PHV	pH	pH	S 7.4-7.6/PHV
/POW	Power	W (Watt)	S (SOLAR? OR PHOTOVOLTAIC?)/BI (10A) 5-10/POW
/PRES (or /P)	Pressure	Pa (Pascal)	S (VACUUM (5A) DISTILL?)/BI (S) 1000-1100/PRES

Property Fields 1) (cont'd)

Field Code	Property	Unit	Search Examples
/RAD	Radioactivity	Bq (Becquerel)	S AZA?/BI (P) 10-100/RAD
/RES	Electrical Impedance/resistance	Ohm	S CERAMIC/CLM (P) 1-8/RES
/SAR	Area /Surface Area	m2	S (COATING? OR FOIL?)/BI (S) 10-100/SAR
/SCO	Spring Constant	N/m	S (ALUMINUM OR ALUMINIUM)/BI (20A) 10000-50000/SCO
/SIZ	Size	m (Metre)	S ?CARBON?/CLM (S) 3E-9/SIZ
/ST	Surface Tension	J/m2	S 60 J/M**2 /ST
/TEMP (or /T)	Temperature	K (Kelvin)	S (REACTION? (25A) PHOSPHAT?) (S) 10/TEMP
/TIM	Time	S (Second)	S ?INCUB?/CLM (10W) 10-50/TIM
/VEL (or /V)	Velocity	m/s (Metre per Second)	S PUMP?/BI (S) 1E-3-5E-3/VEL
/VELA	Velocity, angular	rpm	S ANG?/CLM (S) VELA>10
/VOL	Volume	m3	S ?FUSION?/BI (15A) 1E-8-2E-8 /VOL
/VOLT	Voltage	V (Volt)	S CALIBRAT?/BI(10A) 5E-3<VOLT<7E-3

(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.

Relationship Code	Content	Search Examples
ALL	All usually required terms (BT, SELF, CODE, DEF)	E C12M0001-34H2+ALL/EPC
AUTO **(1)**	Automatic relationship (BT, SELF, CODE, DEF)	E G01J003-443+AUTO/EPC
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 the 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, FAM, CFAM, LS, LS2, 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	D TI AB 1-5
AG	Agent	D AG
AI (AP) **(1)**	Application Information	D AI
AN	Accession Number	D L3 AN
CLM **(3)**	Claims	D CLM
CLMN **(2)**	Number of Claims	D CLMN
CPC	Cooperative Patent Classification	D CPC
CPC.TAB	CPC, Tabular	D CPC.TAB
DETD **(3)**	Detailed Description	D DETD
DETN **(2)**	Number of Paragraphs in DETD	D DETN
DT (TC)	Document Type	D DT
ED	Entry Date	D ED
EDTX	Entry Date of Fulltext	D EDTX
DED	Data Entry Date	D DED
DUPD	Data Update Date	D DUPD
EPC	European Patent Classification	D EPC
FA	Field Availability (for all publication levels)	D FA
GI	Graphic Image	D GI
GIS **(2)**	Graphic Image Size	D GIS
GIT **(2)**	Graphic Image Type	D GIT
IC	IPC (format contains ICM, ICS)	D IC
ICM	IPC, Main	D IC
ICO	ICO (in-computer-only) Classification	D ICO
ICS	IPC, Secondary	D ICS
IDT	IDT Classification	D IDT
IN (AU)	Inventor	D IN
IN.CNY	Inventor, Country	D IN.CNY
IPCI	IPC, Initial	D IPCI
IPCR	IPC, Reclassified	D IPCR
LA	Language	D LA
LAF	Language of Filing	D LAF
MCLM	Main Claim	D MCLM
PA (CS)	Patent Applicant/Patentee	D PA
PI (PN, PATS) **(1)**	Patent Information	D PI
PIT	Patent Information Publication Type	D PIT
PNO	Patent Number, Original Format	D PNO
PRN (PRAI) **(1,5)**	Priority Information	D PRN
PRNO (PRAO) **(2)**	Priority Number, Original Format	D PRNO
PRYF	Priority Year, First	D PRYF
RLI (RLN)	Related Patent Information	D RLI
TI	Title	D TI
UP	Update Date	D UP

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
ALL **(1)**	AN, ED, EDTX, UP, DED, DUPD, TI , IN, IN.CNY, PA, AG, LAF, LA, DT, PIT, PI, AI, RLI, PRAI, IPC, CPC, EPC, ICO, IDT, AB, DETD, CLM, KT	D ALL
ALLG **(1)**	ALL, plus graphic image	D ALLG
IALL **(1)**	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)**	AI, RLN, PRAI	D APPS
BIB **(1)**	AN, ED, EDTX, UP, DED, DUPD, TI , IN, IN.CNY, PA, 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, ED, EDTX, UP, DED, DUPD, TI , IN, IN.CNY, PA, AG, LAF, LA, DT, PIT, PI, AI, RLI, PRAI, IPC, EPC, ICO, IDT, AB, MCLM, 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
FAM **(1)**	AN, table of patent family information (from INPADOCDB)	D FAM
CFAM **(1)**	AN, Condensed family format (from INPADOCDB)	D CFAM
IND	ED, 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
IPC.TAB	IPC, IPC.KW, IPC.ACD, IPC.VER, in tabular version	D IPC.TAB
LS	Legal Status (from INPADOCDB)	D LS
LS2	Legal Status (from NPADOCDB), detailed version with display headers	D LS2
MAX (ALL.M) **(1)**	AN, ED, EDTX, UP, DED, DUPD, TI , IN, IN.CNY, PA, 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
RE	Citations (from INPADOCDB)	D RE
SCAN **(4)**	TI (random display without answer numbers)	D SCAN
STD **(1,6)**	AN, ED, EDTX, UP, DED, DUPD, TI , IN, IN.CNY, PA, AG, LAF, LA, DT, PIT, PI, AI, RLN, 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)	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
Abstract	AB	Y	N
Agent	AG	Y	Y
Accession Number	AN	Y	Y
Application Country	AC	Y	N
Application Date	AD	Y	N
Application Information	AI (AP, APPS)	Y **(2)**	N
Application Year	AY	Y	N
CPC Classification	CPC	Y	Y
Claims	CLM	Y	N
Detailed Description	DETD	Y **(3)**	N
Document Type	DT	Y	Y
Entry Date	ED	Y	Y
Entry Date Full-text	EDTX	Y	N
European Patent Classification	EPC	Y	N
Field Availability	FA	Y	N
Graphic Image Size	GIS	Y	N
Graphic Image Type	GIT	Y	Y
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	IDT	Y	Y
IPC (ICM, ICS, ICA, ICI, IPCI, IPCR)	IPC	Y	Y
IPC, Advanced Level Symbols	IPC.A	Y **(4)**	N
IPC, Advanced Level Symbols for Invention	IPC.AI	Y **(4)**	N
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
Main Claim	MCLM	Y	N
Number of Claims	CLMN	Y	N
Number of Paragraphs in DETD	DETN	Y	N
Occurrence Count of Hit Terms	OCC	N	Y
Patent Applicant/Patentee	PA (CS)	Y	Y
Patent Country	PC	Y	Y
Patent Information Publication Type	PIT	Y	Y
Patent Kind Code	PK	Y	Y
Patent Number	PI (PN, PATS)	Y (default)	Y
Patent Number, Original	PNO	Y	Y
Patent Number/Kind Code	PNK	Y	N
Pre-IPC8 Symbols from the ICM and first IPC8 values from 2006-present	IPC.F	Y **(4)**	N

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

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
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 Patent Country	RLC	Y	Y
Related Application Number	RLN	Y	Y
Related Application Date	RLD	Y	Y
Related Application Year	RLY	Y	Y
Title	TI	Yt)	Y
Update Date	UP	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) Appends /BI to the terms created by SELECT.
(4) Appends /IPC to the terms created by SELECT.

Sample Records

DISPLAY MAXG (STN format)

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L13    ANSWER 3 OF 135 AUPATFULL COPYRIGHT 2011 LNU on STN.

AN     2009001486   AUPATFULL  ED 20110629 UP 20110629 EDTX 20110629
       DED 20091027 DUPD 20110401
TI     Method for producing ethanol from steam exploded sweet potato by
       fermentation
IN     HONGZHANG CHEN; XIAOGUO FU; WEIDONG WANG
PA     INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMYOF SCIENCES; HU NAN
       QIANGSHENG MEDICINE CO. LTD.
LAF    English
DT     Patent; (Fulltext)
PIT    AUA1 OPEN TO PUBLIC INSPECTION [FROM 20010524 ONWARDS]
PI     AU 2009201220       A1   20091015
AI     AU 2009-201220           20090327
PRAI   CN 2008-10102979      A  20080328
       CN 2008-10102980      A  20080328
IPCI   C12P0007-10 [I,A]
EPC    C12P0007-06; C12P0007-10; C12P0019-14
ICO    Y02E0050-16; Y02E0050-17

AB
       A method for producing ethanol from steam-exploded sweet potato by
       fermentation includes subjecting sweet potato to a steam explosion
       treatment, subjecting the sweet potato after the steam explosion to
       saccharification and fermentation, and collecting ethanol produced by the
       fermentation. The sweet potato can optionally be subjected to a
       pre-treatment utilizing a short-time, low-pressure steam explosion
       technology, which omits the long-time cooking process for the
       starch-based raw material and reduces the energy consumption for
       …
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DETD

METHOD FOR PRODUCING ETHANOL FROM STEAM EXPLODED SWEET POTATO BY FERMENTATION OurRef: 851019 POF Code: 299774/491920, 491921 The following statement is a full description of this invention, including the best method of performing it known to applicant(s): gcoeq F1090014 (- riU7UUlH Method for Producing Ethanol from Steam Exploded Sweet Potato by Fermentation This application claims priority from Chinese Application No.200810102979.8 filed on 28 March 2008; and from Chinese Application No.200810102980.0 filed on 28 March 2008; the (contents of which are to be taken as incorporated herein by this reference. CN FIELD OF THE INVENTION The present invention relates to a method for producing ethanol, and particularly, a O (N method for producing ethanol from steam exploded sweet potato by fermentation. <N (N BACKGROUND With the rapid development of the human society, the energy source and resource crisis …

CLM

(S| Claims d 1 A method for producing ethanol from steam exploded sweet potato by fermentation, including the steps of: (N 1) subjecting sweet potato to a steam explosion treatment;

2) subjecting the sweet potato after the steam explosion to saccharification and O (N fermentation; and <N

3) collecting ethanol produced by the fermentation. 2 The method according to claim 1, wherein the steam explosion treatment is performed in a steam explosion tank under a steam pressure of 0.5-0.8 MPa for 2-4 min.

3. The method according to claim 1, wherein, in the step 2), the solid-state fermentation is carried out after the saccharification of the steam exploded sweet potato.
…

AN 2009001486 AUPATFULL ED 20110629 UP 20110629 EDTX 20110629 DED 20101129 DUPD 20110401
TI Method for producing ethanol from steam exploded sweet potato by fermentation
IN HONGZHANG CHEN; XIAOGUO FU; WEIDONG WANG
PA INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMYOF SCIENCES; HU NAN QIANGSHENG MEDICINE CO. LTD.
LAF English
DT Patent; (Fulltext)
PIT AUB2 PATENT PRECEEDED BY A1 or PATENT PROCEEDED BY OPI [FROM 20010524 ONWARDS]
PI AU 2009201220 B2 20101125
AI AU 2009-201220 20090327
PRAI CN 2008-10102979 A 20080328
CN 2008-10102980 A 20080328
IPCI C12P0007-10 [I,A]
EPC C12P0007-06; C12P0007-10; C12P0019-14
ICO Y02E0050-16; Y02E0050-17

AB

A method for producing ethanol from steam-exploded sweet potato by fermentation includes subjecting sweet potato to a steam explosion treatment, subjecting the sweet potato after the steam explosion to saccharification and fermentation, and collecting ethanol produced by the fermentation. The sweet potato can optionally be subjected to a pre-treatment utilizing a short-time, low-pressure steam explosion technology, which omits the long-time cooking process for the starch-based raw material and reduces the energy consumption for
…

DETD

METHOD FOR PRODUCING ETHANOL FROM STEAM EXPLODED SWEET POTATO BY FERMENTATION Our Ref : 851019 POF Code: 299774/491920, 491921 The following statement is a full description of this invention, including

the best method of performing it known to applicant(s):
Method for Producing Ethanol from Steam Exploded Sweet Potato by Fermentation FIELD OF THE INVENTION The present invention relates to a method for producing ethanol, and particularly, a method for producing ethanol from steam exploded sweet potato by fermentation. BACKGROUND
…

CLM

1. A method of producing ethanol from steam exploded sweet potato by fermentation, including the steps of:

1) subjecting sweet potato to a steam explosion treatment; wherein the steam explosion treatment is performed in a steam explosion tank under a steam pressure of 0.50.8 MPa for 2-4 rain;

2) subjecting the sweet potato after the steam explosion to saccharification and fermentation; and

3) collecting ethanol produced by the fermentation.

2. The method according to claim 1, wherein, in the step 2), the solid-state fermentation is carried out after the saccharification of the steam exploded sweet potato.

3. The method according to claim 2, wherein an glucoamylase is added in an amount of 100-150 U glucoamylase/g dry steam exploded sweet potato, and the saccharification is performed at 55-60.degree.Cfor 20-60 rain; and then, (NH4)2 SO4 , K-H2 PO4 and activated yeast are added, and the fermentation is performed for 48-60 h under a condition of 30-35.degree.C, wherein, the addition amount of (NH4)2 SO4 is 0.1-0.15 g (NHa)2 SO4 /]00 g sweet potato, the addition amount of KH2 PO4 is 0.1-0.2 g KHzPO4 /100 g sweet potato, and the addition amount of said yeast is 0.10-0.30 g yeast/100 g sweet potato.
…

AN 2009001486 AUPATFULL ED 20110629 UP 20110629 EDTX 20110629 DED 20110124 DUPD 20110401
TI Method for producing ethanol from steam exploded sweet potato by fermentation
IN HONGZHANG CHEN; XIAOGUO FU; WEIDONG WANG
PA INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMYOF SCIENCES; HU NAN QIANGSHENG MEDICINE CO. LTD.
LAF English
DT Patent; (Fulltext)
PIT AUB8 CORRECTED FIRST PAGE OF GRANTED DOC. [FROM 20010524 ONWARDS]
PI AU 2009201220 B8 20110120
AI AU 2009-201220 20090327
PRAI CN 2008-10102979 A 20080328
CN 2008-10102980 A 20080328
IPCI C12P0007-10 [I,A]
EPC C12P0007-06; C12P0007-10; C12P0019-14
ICO Y02E0050-16; Y02E0050-17

AB

A method for producing ethanol from steam-exploded sweet potato by fermentation includes subjecting sweet potato to a steam explosion treatment, subjecting the sweet potato after the steam explosion to saccharification and fermentation, and collecting ethanol produced by the fermentation. The sweet potato can optionally be subjected to a pre-treatment utilizing a short-time, low-pressure steam explosion technology, which omits the long-time cooking process for the starch-based raw material and reduces the energy consumption for
…

DETD

METHOD FOR PRODUCING ETHANOL FROM STEAM EXPLODED SWEET POTATO BY FERMENTATION Our Ref : 851019 POF Code: 299774/491920, 491921 The

AUPATFULL

following statement is a full description of this invention, including the best method performing it known to applicant(s): Method for Producing Ethanol from Steam Exploded Sweet Potato by Fermentation FIELD OF THE INVENTION The present invention relates to a method for producing
…

CLM

1. A method of producing ethanol from steam exploded sweet potato by fermentation, including the steps of:

1) subjecting sweet potato to a steam explosion treatment; wherein the steam explosion treatment is performed in a steam explosion tank under a steam pressure of 0.50.8 MPa for 2-4 rain;

2) subjecting the sweet potato after the steam explosion to saccharification and fermentation; and

3) collecting ethanol produced by the fermentation.

2. The method according to claim 1, wherein, in the step 2), the solid-state fermentation is carried out after the saccharification of the steam exploded sweet potato.

3. The method according to claim 2, wherein an glucoamylase is added in an amount of 100-150 U glucoamylase/g dry steam exploded sweet potato, and the saccharification is performed at 55-60.degree.Cfor 20-60 min; and then, (NH 4) 2 SO 4 , K-H 2 PO 4 and activated yeast are added, and the fermentation is performed for 48-60 h under a condition of 30-35.degree.C, wherein, the addition amount of 0NIH 4) 2 50 4 is 0.1-0.15 g (NH 4) 2 SO 4 /100 g sweet potato, the addition amount of KH 2 PO 4 is 0.1-0.2 g KH 2 PO 4 /100 g sweet potato, and the addition amount of said yeast is 0.10-0.30 g yeast/100 g sweet potato.
…

DISPLAY BRIEF

AN	2006008329 AUPATFULL ED 20110630 UP 20120130		
	DED 20071221 DUPD 20120127		
TI	Pyrolysis method and apparatus		
IN	Dam-Johansen, Kim; Jensen, Peter A.; Bech, Niels		
PA	DANMARKS TEKNISKE UNIVERSITET;		
AG	FB Rice & Co, Level 23 44 Market Street, Sydney, NSW, 2000		
LAF	English		
LA	English		
DT	Patent		
PIT	AUA1 OPEN TO PUBLIC INSPECTION [FROM 20010524 ONWARDS]		
PI	AU 2006243568	A1	20061109
AI	AU 2006-243568		20060503
RLN	WO 2006-DK241		20060503
PRAI	US 2005-676959P		20050503
	EP 2005-76034		20050503
ICM	C10B053-02		
ICS	C10B047-22; C10C005-00		
IPCI	C10B0053-02 [I,A]; C10B0047-22 [I,A]; C10C0005-00 [I,A]		
EPC	C10B0047-22; C10B0053-02; C10C0005-00		
ICO	Y02E0050-14		

AB

A method for collecting biomass, such as straw, and for producing a pyrolysis liquid, such as oil or tar, from the biomass, comprises the step of collecting the biomass from a growth site, e.g. a field, by means of a mobile unit. The biomass is continuously fed into a pyrolysis apparatus (200) accommodated by the mobile unit, as the mobile unit is moved across the growth site. While the biomass is processed in the pyrolysis apparatus, further biomass is simultaneously being collected.
…

AN 2006008329 AUPATFULL ED 20110630 UP 20120130 EDTX 20110630
DED 20080111 DUPD 20120127
TI Pyrolysis method and apparatus
IN Dam-Johansen, Kim; Jensen, Peter A.; Bech, Niels
PA DANMARKS TEKNISKE UNIVERSITET;
AG FB Rice & Co, Level 23 44 Market Street, Sydney, NSW, 2000
LAF English
LA English
DT Patent; (Fulltext)
PIT AUA2 AMENDED POST OPEN TO PUBL. INSPEC. [FROM 20010524 ONWARDS]
PI AU 2006243568 A2 20061109
AI AU 2006-243568 20060503
RLN WO 2006-DK241 20060503
PRAI US 2005-676959P 20050503
EP 2005-76034 20050503
ICM C10B053-02
ICS C10B047-22; C10C005-00
IPCI C10B0053-02 [I,A]; C10B0047-22 [I,A]; C10C0005-00 [I,A]
EPC C10B0047-22; C10B0053-02; C10C0005-00
ICO Y02E0050-14

AB
A method for collecting biomass, such as straw, and for producing a pyrolysis liquid, such as oil or tar, from the biomass, comprises the step of collecting the biomass from a growth site, e.g. a field, by means of a mobile unit. The biomass is continuously fed into a pyrolysis apparatus (200) accommodated by the mobile unit, as the mobile unit is moved across the growth site. While the biomass is processed in the pyrolysis apparatus, further biomass is simultaneously being collected. …

MCLM
1. A method for producing pyrolysis liquid from biomass, comprising the step of decomposing the biomass into pyrolysis liquid, char and pyrolysis gas in a fast pyrolysis process, the method comprising the steps of: - feeding the biomass into a centrifuge chamber; - rotating a rotor to impart rotation on biomass distributed In gas volume in the centrifuge chamber, whereby the biomass is forced towards an outer wall of the centrifuge chamber by centrifugal forces; - decomposing the biomass into pyrolysis vapors and char by maintaining said outer wall at a temperature of 350 - 700 degrees Celsius to effect the pyrolysis process at or near

AN 2006008329 AUPATFULL ED 20120130 UP 20120130 EDTX 20110630
DED 20110919 DUPD 20120127
TI Pyrolysis method and apparatus
IN Dam-Johansen, Kim; Jensen, Peter A.; Bech, Niels
PA Danmarks Tekniske Universitet
AG FB Rice, Level 23 44 Market Street, Sydney, AU
LAF English
LA English
DT Patent; (Fulltext)
PIT AUB2 PATENT PRECEEDED BY A1 or PATENT PROCEEDED BY OPI [FROM 20010524 ONWARDS]
PI AU 2006243568 B2 20110915
AI AU 2006-243568 20060503
RLN WO 2006-DK241 20060503
PRAI US 2005-676959P 20050503
EP 2005-76034 20050503
IPCI C10B0053-02 [I,A]; C10B0047-22 [I,A]; C10C0005-00 [I,A]
EPC C10B0047-22; C10B0053-02; C10C0005-00
ICO Y02E0050-14

AB
A fast pyrolysis apparatus (200) for producing pyrolysis liquid, such as oil or tar, char and pyrolysis gas from biomass, such as straw, comprises a centrifuge chamber (204) and a rotor (210) arranged to impart rotation on the biomass in the centrifuge chamber to force the biomass outwardly

under the action of centrifugal forces. A furnace (206) arranged coaxially around the centrifuge chamber (204) maintains the temperature at an outer reactive wall of the centrifuge chamber at an elevated …

MCLM

1. A method for producing pyrolysis liquid from biomass, comprising the step of decomposing the biomass into pyrolysis liquid, char and pyrolysis gas in a fast pyrolysis process, the method comprising the steps of: - feeding the biomass into a centrifuge chamber; - rotating a rotor to impart rotation on biomass distributed in gas volume in the centrifuge chamber, whereby the biomass is forced towards an outer wall of the