



Function	Description	Example
Boolean operators Add quotation marks “ ” to search for these operators as keywords, e.g. TA=(do “not” rust) * Can be used to combine consecutive search query numbers	AND* OR* NOT	(engine AND gear) AND=(5:9) (engine OR motor) OR=(5:9) (engine NOT gear)
Proximity Operators *These operators can also be used as NOTWn or NOTWFn commands, e.g. TA=(solar NOTW6 panel)	*Wn Within n words of each other in either order *WFn Within n words, in this order, i.e. forward *WP Within the same paragraph NEAR Within 5 words in either order SPACE Adjacent in this order	(golf W3 glove) (drive WF3 train) (space WP craft) INDCL=(space WP craft) (top NEAR hat) (motor engine)
Truncation Symbols *Not supported for inventor or assignee searches	* Unlimited left or right-hand truncation * _ Optional delimiter (underscore) ? Exactly one character ! Optional character % Fuzzy searching ~ or # Stemming	electric* finds electric, electrical, electricity etc. poly_ethylene finds polyethylene, poly-ethylene and poly ethylene ear? finds ears, earn etc. color finds color, colour etc. color% finds color, colour, colon, colore etc. apply~ finds applying, applies etc.
Searching text fields Including A in front of the textual command will expand the search to both original and machine translated text. Including MT in front of the textual command will search only machine translated text. Including CC at the end of the textual command will refine the search to a specific country. TACWO=(golf w3 glove) ATACWO=(golf w3 glove) MTTACCN= (golf w3 glove)	AB Abstract CL Claims DSC Description EX Example FT Full text TA Title or abstract TAC Title, abstract or claims TI Title SP Same paragraph within full text FIRSTCL First claim INDCL Independent claims FIGDSC Figure description	AB =(laser) CL =(engine AND gear) DSC =(green tea) EX =(hydrogen) FT =(iron) TA =(crane%) TAC =(laser W2 dis?) TI =(power AND line) SP =(power AND line) FIRSTCL =(sulphuric acid) INDCL =(3D print*) FIGDSC =(electr* micro*)
Searching for all your fields within the same publication	SPUB=() Parenthesis must be used to enclose the query	SPUB =(TAC=(crane%) AND PD=(2021) AND GRANT=(US))
Searching for Names *Exact patent assignee searches the name as listed.	PA Patent assignee PAE Patent assignee (across standardised PA) PAX* Exact patent assignee (across standardised and non-standardised PA) PPA Probable assignee INV Inventor INE Exact inventor AG Patent agent all fields AGNAM Patent agent name	PA =(Siemens OR 西门子) PAE =(General Electric) PAX =(Colgate Palmolive) PPA =(Intel) INV =(Richard Schulze or アシフ) INE =(James Watt) AG =(London AND UK) AGNAM =(Marks “and” Clerk)
Searching for numbers	AP Application number FN Family number PN Publication number PR Priority number XPN PatBase, original or DOCDB patent number	AP =(US19980131185) FN =(14007271) PN =(US4500001) PR =(WO2016US46409) XPN =(WO2008052388A1)

Searching for citations

* Including N in front of the textual command will narrow the search to a specific number of citations.

FT=(wingless aircraft) and NCTF>5
PA=(Siemens) and NCTB<3

**To search for examiner citations add examiner codes, e.g. CTAX or CTBY or CTFA...

CTA** Backward and forward citations on a search query or set number
CTF* Forward citations on a search query or set number
CTB* Backward citations on a search query or set number
CTFFN Forward citations for a specific family
CTBFN Backward citations for a specific family
CTFPN Forward citations for a specific publication
CTBPN Backward citations for a specific publication

CTA 2
CTA=(CPC=(A01B13/08))
CTAY=(PA=(Volvo))
CTF 5
CTFX=(TA=(solar AND panel))
CTB 3
CTBA=(PA=(Intel))
CTFFN=(34607385)
CTBFN=(63866019)
CTFPN=(US4500001)
CTBPN=(US4500001)

Merging extended families

EFM Merge extended families on a search query or set number

EFM 7 (7 is the set number)
EFM=(TAC=(type "2" diabetes))

Searching design patents

DESIGN Finds families with:
• At least one design patent
• Design patent in a specific country
• In a specific country and year

DESIGN=(YES)
DESIGN=(US)
DESIGN=(JP2019)

Searching utility patents

UTILITY Finds families with:
• At least one utility patent
• Utility patent in a specific country
• In a specific country and year

UTILITY=(YES) AND TAC=(bag)
UTILITY=(CN)
UTILITY=(KR20151204)

Date ranging

YYYY
YYYYMM
YYYYMMDD

PD=(YYYYMMDD:YYYYMMDD)
PD> or **PD>=**
PD< or **PD<=**

PD=(2010:2019)
PD>2000
PD<=(201311)

Date Searching

*Including CC at the end of the command will refine the search to a specific country (2 letters country code), e.g.

ADCC= Application date for a specific country
EADCC= Earliest Application date for a specific country

AD* Application date
PD* Publication date
PRD* Priority date
EPRD* Earliest priority date in family
LPRD* Latest priority date in family
EAD* Earliest application date in family
LAD* Latest application date in family
EPD* Earliest publication date in family
LPD* Latest publication date in family

AD>2010
PDEP=(2011:2021)
PRD=(2018)
EPRDUS<201507
LPRD<2018
EAD=(2010)
LADJP=(20180215)
EPDEP<201507
LPDKR<200507

Country & publication codes

* Search NCC for number of publications in a specified jurisdiction e.g. NEP>4

PRC Priority country
EPRCC Earliest priority country
LPRCC Latest priority country
CC Publication country
ECC Earliest publication country
LCC Latest publication country
KD Kind code
CCD Country code, first kind code letter & date
DS Designated states
NC Number of countries in a family
NP* Number of publications in a family

PRC=(DE)
EPRCC=(JP)
LPRCC=(DE)
CC=(JP)
ECC=(US OR CA)
LCC=(FR)
KD=(EPB*)
CCD=(USB201901)
DS=(FR OR GB OR CA)
NC>5
NP>15
NUS=(12)

Searching classifications

CPC Cooperative patent classification
GC German classification
IC International (IPC 1-9)
JCI Japanese File Index Terms (FI)
JCT Japanese F-Terms

CPC=(B02C1)
GC=(B21D11/00)
IC=(F02C7/20)
JCI=(G06F9/00/320/A)
JCT=(2H091/FA14)



Searching classifications continued

JCF	Japanese Facets	JCF =(ZNM)
LC	Locarno classification	LC =(21/23)
SC	Super class (all classification systems)	SC =(G01S15/89 or 261/20)
UC	US classifications	UC =(156/127)

Searching FDA

FDA =(YES)	FDA =(YES)
FDA =(drug proprietary name or active ingredient or application number of pharmaceutical)	FDA =(Colchicine)
	FDA =(“204153”)

New

Searching Standard Essential Patents (SEPs)

SEP	Finds families containing SEP	SEP =(YES)
SEPPROJ	Searches the SEP project field	SEPPROJ =(5G)
SEPSTD	Searches the SEP standards field	SEPSTD =(TS “36”)
SEPPREF	Searches the SEP reference field	SEPPREF =(“ISLD-202007-002”)

Displaying results using the command line

*Add Sn (where n is the search query number) to display records from a previous search query, e.g. V S5 100-109

V*	Display last search results in view mode	V 1-49 (display records 1-49 in your latest search query)
B*	Display last search results in browse view	B 1-25 (display records 1-25 in your latest search query)

Using update codes

(Searching for the week documents are added to PatBase)

YYWW	2 digit year and 2 digit week	
UP	New families added for a given week	UP =(1926)
UE	New families and new equivalents added	UP =(1826:1852)
UECC	New families and equivalents for given country in that week	UE >1730
ULG	Updated legal status events	UE =(1937US)
		ULG =(2140)
		ULG =(2136EP)

Saving information and running saved searches or folders using the command line

Mouse over History in the floating toolbar => **‘Save Search History’**
Select **“Save Search History”** on the Search History page.
In the history, click on ‘More’ next to the search query then click on **‘Save search’** or **‘Add to results folder’**.

=> Saves the script of an entire Search History (all steps)

=> Saves the script of a given step

=> Saves records from a given set in a folder

From the command line:

RF	(Private folder name)	RF =(A_Folder) AND AB=(engine)
SF	(Shared folder name)	SF =(A_Folder) AND AB=(gear)
SS	(Saved search name)	SS =(A_Search) AND AB=(protein)

Command line shortcuts

E* This will erase your current search history
F** Creating or removing a search filter will delete the current search history
Enter F in the command line to remove the search filter

E*	Erase history
H	Show history
M	Show main menu
U	Undo last search
A	PatBase Analytics
F**	Create a search filter

Annotating the search history

// Add a new comment
\\ Add a new comment

// This is a comment
\\ This is a comment

Legal status search

*These commands can also be queried by a country code, date or both.

GRANT=YES Finds families with at least one granted publication
***GRANT=CC** Finds families with at least one granted publication from the specified country
ALIVE=YES Finds families with at least one alive publication
***ALIVE=CC** Finds families with at least one alive publication from the specified country
DEAD=YES Finds families with all dead publications
***DEAD=CC** Finds families with all dead publications from the specified country
PRSD Search the info available under the Legal Status column
“event description”

New

EPVAL Finds families with EP national entries
PENDING Finds families with pending applications

GRANT=(YES)
GRANT=(US)
GRANT=(US2018)
ALIVE=(YES)
ALIVE=(JP)
ALIVE=(JP2015:2016)
DEAD=(YES)
DEAD=(EP)
DEAD>EP2015
PRSD=(appeal)
PRSD=(payment date: 19920527)
EPVAL=(IT OR PT OR DE)
PENDING=(YES)
PENDING=(US OR DE)
PENDING=(US2021)

Legal Status Event Groups

LSAL Appeal
LSAP Applied
LSAS Reassignment / Change of Name / Mortgage / Merger
LSDW Deemed Withdrawn / Deemed Abandoned / Deemed Cancelled
LSES Examined / Search Report / Supplementary Search Report
LSFE Renewal Fees
LSGT Granted / Extensions (SPC, CPC, PTE)
LSLE Lapsed / Expired / Ceased / Dead
LSLI Licence
LSNE Non-Entry into National Phase
LSNP National Phase Entry
LSOP Opposition / Request for revocation, annulment
LSPB Published / Reissued
LSWD Withdrawn / Abandoned / Cancelled / Surrendered / Suspended / Terminated / Void
LSRE Restored / Reinstated / Amended / Partially Amended / Correction
LSRV Revoked / Rejected / Annulled / Invalid / Dismissed / Refused
LSRX Reexamination

Event code only
PRS=(LSFE)
Event code with country code
PRS=(EP_LSGT)
Event code with country code & date
PRS=(US_LSRV/201311)
Event code with country code & date range
PRS=(US_LSAL/20131101:20131215)

Litigation

LIT Retrieves families with litigation information

LIT=(YES)



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