

Function	Description	Example
Boolean operators Add quotation marks “ ” to search for these operators as keywords, e.g. TA=(do “not” rust)	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 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	_ Optional delimiter (underscore) ! Optional character * Unlimited left or right-hand truncation ? Exactly one character % Fuzzy searching ~ or # Stemming	poly_ethylene finds polyethylene, poly-ethylene and poly ethylene colo!r finds color, colour etc. electric* finds electric, electrical, electricity etc. ear? finds ears, earn etc. colo%r 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	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*)
Searching for all your fields within the same publication	SPUB=() Parenthesis must be used to enclose the query	SPUB =(TAC=(crane%) AND PD=(2019) 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	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 =(Marks “and” Clerk)
Searching for numbers	AP Application number FN Family number PN Publication number PR Priority number XPN PatBase, original or DOCD 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	CTA 2 CTA =(CPC=(A01B13/08)) CTAY =(PA=(Volvo)) CTF 5 CTFX =(TA=(solar AND panel))
*CTF**	Forward citations on a search query or set number	
*CTB**	Backward citations on a search query or set number	CTB 3 CTBA =(PA=(Intel))
CTFFN	Forward citations for a specific family	CTFFN =(34607385)
CTBFN	Backward citations for a specific family	CTBFN =(63866019)
CTFPN	Forward citations for a specific publication	CTFPN =(US4500001)
CTBPN	Backward citations for a specific publication	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))
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Searching design patents

DESIGN	Finds families with: <ul style="list-style-type: none"> • At least one design patent • Design patent in a specific country 	DESIGN =(YES) DESIGN =(US) DESIGN =(JP2019)
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Searching utility patents

UTILITY	Finds families with: <ul style="list-style-type: none"> • At least one utility patent • Utility patent in a specific country 	UTILITY =(YES) AND TAC=(bag) UTILITY =(CN) UTILITY =(KR20151204)
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Date ranging

YYYY
YYYYMM
YYYYMMDD

PD =(YYYYMMDD:YYYYMMDD)	PD =(2010:2019)
PD > or PD >=	PD >2000
PD < or PD <=	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	AD >2010
PD*	Publication date	PDEP =(2010:2015)
PRD*	Priority date	PRD =(2005)
EPR*	Earliest priority date in family	EPRUS <200507
LPR*	Latest priority date in family	LPR <2018
EAD*	Earliest application date in family	EAD =(2010)
LAD*	Latest application date in family	LADJP =(20180215)
EPD*	Earliest publication date in family	EPDEP <200507
LPD*	Latest publication date in family	LPDKR <200507

Country & publication codes

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

PRC	Priority country	PRC =(DE)
EPRCC	Earliest priority country	EPRCC =(JP)
LPRCC	Latest priority country	LPRCC =(DE)
CC	Publication country	CC =(JP)
ECC	Earliest publication country	ECC =(US OR CA)
LCC	Latest publication country	LCC =(FR)
KD	Kind code	KD =(EPB*)
CCD	Country code, first kind code letter & date	CCD =(USB201901)
DS	Designated states	DS =(FR OR GB OR CA)
NC	Number of countries in a family	NC >5
NP*	Number of publications in a family	NP >15 NUS =(12)

Searching classifications

CPC	Cooperative patent classification	CPC =(B02C1)
GC	German classification	GC =(B21D11/00)
IC	International (IPC 1-9)	IC =(F02C7/20)
JCI	Japanese File Index Terms (FI)	JCI =(G06F9/00/320/A)
JCT	Japanese F-Terms	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”)

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)
		UE >1730
UECC	New families and equivalents for given country in that week	UE =(1937US)

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	// This is a comment
\\ Add a new 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 =(YES)
* GRANT =CC Finds families with at least one granted publication from the specified country	GRANT =(US)
	GRANT =(US2018)
ALIVE =YES Finds families with at least one alive publication	ALIVE =(YES)
* ALIVE =CC Finds families with at least one alive publication from the specified country	ALIVE =(JP)
	ALIVE =(JP2015:2016)
DEAD =YES Finds families with all dead publications	DEAD =(YES)
* DEAD =CC Finds families with all dead publications from the specified country	DEAD =(EP)
	DEAD >EP2015
PRSD Search the info available under the Legal Status column “event description”	PRSD =(appeal)
	PRSD =(payment date: 19920527)

Legal Status Event Groups	LSAL	Appeal	Event code only
	LSAP	Applied	PRS=(LSFE)
	LSAS	Reassignment / Change of Name / Mortgage / Merger	Event code with country code
	LSDW	Deemed Withdrawn / Deemed Abandoned / Deemed Cancelled	PRS=(EP_LSGT)
	LSES	Examined / Search Report / Supplementary Search Report	Event code with country code & date
	LSFE	Renewal Fees	PRS=(US_LSRV/201311)
	LSGT	Granted / Extensions (SPC, CPC, PTE)	Event code with country code & date range
	LSLE	Lapsed / Expired / Ceased / Dead	PRS=(US_LSAL/20131101:20131215)
	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	

Litigation	LIT	Retrieves families with litigation information	LIT=(YES)
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Minesoft Knowledge Hub

The Knowledge Hub was launched in 2019 as an all-in-one online training resource. Users can access our introductory Basics pages, in-depth guides, topic-based tutorials & keep up-to-date with latest enhancements

PatBasics

As part of the Minesoft Knowledge Hub, the support team launched a website to help new users get familiarised with PatBase, access the resource at: <http://basics.minesoft.com/>



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