



Search behaviour changes & New Commands

Behaviour changes

Keyword commands will be implied S commands, meaning keywords placed within the same set of brackets will automatically be searched within the same publication.

Should you need to search keywords across the family, split these out with multiple keyword qualifiers, for example: **(TAC=solar AND TAC=cell)** will search across the family, whereas **TAC=(solar AND cell)** will search within the same publication. S commands will still work, however, they will run the same as regular keyword commands.

Changes to how hyphens are searched

Hyphens and all other symbols (that are not truncation) will be searched equally, meaning a symbol or a space will search all symbols and a space automatically.

Searching numbers

It is no longer necessary to quote numbers when they are standing on their own, as long as the entire phrase is quoted, for example:

TAC=("type 2 diabetes")

Will find the same as:

TAC=(type "2" diabetes)

It is very important to use quotes when numbers are included, as these will otherwise be seen as the search query number.

All behavioral changes

Field	Description	Notes	Behavioural Changes
AB[CC]	Original abstract	AB=YES can be used to check for field existence.	Can now be qualified by a country code - ABCC
CPC	CPC codes	CPC=YES can be used to check for field existence.	Leading zeros in codes are now ignored, rejects unexpected input
CTB	Backward citations of query	CTB=(TA=(bio* plast))	Can be used as part of a query, vastly faster
CTB?	Backward citations of query with given EPO examiner code		Can be used as part of a query, vastly faster
CTF	Forward citations of query		Can be used as part of a query, vastly faster
CTF?	Forward citations of query with given EPO examiner code		Can be used as part of a query, vastly faster
DESIGN	Does the family contain a design patent/is this a design patent	Can also be queried by a country code, date or both. e.g. DESIGN=US2018	Can now be queried by a country code, date or both
EFM	Collects all simple families in one search	EFM=(TAC=(type "2" diabetes))	Can be used with a query
EPD[CC]	Earliest publication date		Can now be qualified by a country code
EX[CC]	Original examples	YES can be used to check for field existence. I.E. EX=YES	Can now be qualified by a country code
GRANT	Does the family contain a granted patent/is this a granted patent?	Can also be queried by a country code, date or both	Can now be queried by a country code, date or both
IC8	IPC classification v8 and newer	YES can be used to check for field existence	Leading zeros in codes are now ignored, rejects unexpected input
INV	Any inventor name		No longer automatically adds * to multi-word queries

Field	Description	Notes	Behavioural changes
INVNL	Alias of INV		Now searches all inventors rather than just non-Latin
IPC	Any IPC classification		Leading zeros in codes are now ignored, rejects unexpected input
JCI	Japanese FI-terms		Now accepts queries in the same format J-PlatPat uses for display
KD	Country code prefixed kind code		Rejects unexpected input
LPD[CC]	Latest publication date		Can now be qualified by a country code
N[CC]	Number of publications from authority		Now allows all country codes
PANL	Alias of PA		Now searches all assignees rather than just non-Latin
PN	Publication number		More flexible about how kind code is delimited from patent number (if a kind code is included)
PRS	Legal status		All partially specified combinations of CC, LEC and DATE are now supported e.g. PRS=_/2000 is just a date
SC	All classifications		ECLA no longer included
TI[CC]	Original title	yes can be used to check for field existence	Can now be qualified by a country code
TA[CC]	Original title and abstract		Can now be qualified by a country code
TAC[CC]	Original title, abstract and claims		Can now be qualified by a country code
UTILITY	Does the family contain a utility model patent/is this a utility model?	Can also be queried by a country code, date or both	Can now be queried by a country code, date or both

New Commands

Field	Description	Notes	Example
AAB[CC]	Original and Machine Translated (MT) abstract		AAB=(laser~) AABUS=(laser~)
ACL[CC]	Original and MT claims		ACL=(3D print*) ACLEP=(3D print*)
ADSC[CC]	Original and MT description		ADSC=(sulphuric acid) ADSCKR=(sulphuric acid)
AEX[CC]	Original and MT examples		AEX=(hydrogen) AEXFR=(hydrogen)
AFT[CC]	Original and MT full text		AFT=(iron) AFTDE=(iron)
ATA[CC]	Original and MT title and abstract		ATA=(crane%) ATAUS=(crane%)
ATAC[CC]	Original and MT title, abstract and claims		ATAC=(laser w2 dis?) ATACWO=(laser w2 dis?)
ATI[CC]	Original + MT title		ATI=(power AND line) ATICN=(power AND line)
AGNAM	Search Agent name		AGNAM=(zacco)
CTA	Backward and forward citations of query		CTA 2 CTA=(FT=(bio* plast))
CTBFN	Cited by a given family		CTBFN=(63866019)
CTFFN	Citing a given family		CTFFN=(34607385)
ALIVE	Is the family alive i.e. has an alive member?	Can also be queried by a country code, date or both. As an SPUB search, this checks if a publication is alive	ALIVE=YES ALIVE=(EP) ALIVE=US2015:2020
DEAD	Is the family dead i.e. all members dead?	Can also be queried by a country code, date or both. As a SPUB search, this checks if a publication is dead	DEAD=YES DEAD=(CN) DEAD<US2005

Field	Description	Notes	Example
EAD[CC]	Earliest application date		EAD>201301 EADUS>20170731
EAPCC	Earliest application country		EAPCC=(EP)
ECC	Earliest publication country		ECC=(US OR JP)
EPRCC	Earliest priority country		EPRCC=(JP)
EPRD<CC>	Earliest priority date		EPRDEP<200507
FIGDSC[CC]	Description of drawings	Currently available for US and JP only	FIGDSC=(motorbike) FIGDSCUS=(motorbike)
FIRSTCL[CC]	First claim	If a patent has cancelled claims this will be the first claim that isn't cancelled	FIRSTCL=(3D print*) FIRSTCLEP=(3D print*)
INDCL[CC]	Independent claims		INDCL=(3D print*) INDCLEP=(3D print*)
AFIRSTCL	Original and MT first claim		
AINDCL	Original and MT independent claims		
INX	Any exactly matched inventor name		INX=(James A Baker Jr)
LAD[CC]	Latest application date		LAD<200507 LADCN<200507
LAPCC	Latest application country		LAPCC=(CN)
LCC	Latest publication country		LCC=(FR)
LITCASE	Litigation case number		LITCASE=(5:13-cv-01927)
LPRCC	Latest priority country		LPRCC=(DE)

Field	Description	Notes	Example
LPRD[CC]	Latest priority date		LPRDUS<200507
MTAB[CC]	MT abstract		MTAB=(laser~) MTABCN=(laser~)
MTCL[CC]	MT claims		MTCL=(3D print*) MTCLJP=(3D print*)
MTDSC[CC]	MT description		MTDSC=(sulphuric acid) MTDSCKR=(sulphuric acid)
MTEX[CC]	MT examples		MTEX=(hydrogen) MTEXCN=(hydrogen)
MTFT[CC]	MT full text		MTFT=(iron) MTFTCN=(iron)
MTTA[CC]	MT title and abstract		MTTAC=(crane%) MTTACJP=(crane%)
MTTAC[CC]	MT title, abstract and claims		MTTAC=(laser w2 dis?) MTTACHK=(laser w2 dis?)
MTTI[CC]	MT title		MTTI=(power AND line) MTTITW=(power AND line)
MTCNAB[CC]	Chinese MT abstract	Available for US, WO and EP, written in English	MTCNAB=(solar AND panel) MTCNABUS=(solar AND panel)
MTCNCL[CC]	Chinese MT claims	Available for US, WO and EP, written in English	MTCNCL=(solar AND cell) MTCNCLWO=(solar AND cell)
MTCNDSC[CC]	Chinese MT description	Available for US, WO and EP, written in English	MTCNDSC=(bio* AND plast) MTCNDSCUS=(bio* AND plast)
MTCNEX[CC]	Chinese MT example	Available for US, WO and EP, written in English	MTCNEX=(cancer* AND treat*) MTCNEXEP=(cancer* AND treat*)
MTCNFIRSTCL[CC]	Chinese MT first claim	Available for US, WO and EP, written in English	MTCNFIRSTCL=(solar AND power*) MTCNFIRSTCLUS=(solar AND power*)
MTCNFT[CC]	Chinese MT full text	Available for US, WO and EP, written in English	MTCNFT=(water AND purify*) MTCNFTUS=(water AND purify*)
MTCNINDCL[CC]	Chinese MT independent claims	Available for US, WO and EP, written in English	MTCNINDCL=(battery AND cell) MTCNINDCLWO=(battery AND cell)

Field	Description	Notes	Example
MTCNTA[CC]	Chinese MT title and abstract	Available for US, WO and EP, written in English	MTCNTA=(fuel AND cell) MTCNTAEP=(fuel AND cell)
MTCNTAC[CC]	Chinese MT title, abstract and claims	Available for US, WO and EP, written in English	MTCNTAC=(clean* AND agent) MTCNTACWO=(clean* AND agent)
MTCNTI[CC]	Chinese MT title	Available for US, WO and EP, written in English	MTCNTI=(carrier OR host) MTCNTIWO=(carrier OR host)
NCLA	Number of claims in a publication		NCLA=18
NDRA	Number of drawings		NDRA>30
NICLA	Number of independent claims in a publication		NICLA>5
NNPLCT	Number of Non-Patent Literature (NPL) citations		NNPLCT>5
NPLCT	Search in the NPL citations text		NPLCT=(crane%)
PLANT	Does the family contain a design patent/is this a plant patent?	Can also be queried by a country code, date or both	PLANT=YES
PRSD	Search in the legal status event description		PRSD=(appeal)
SPUB	Same publication. Requires enclosed query to be satisfied by single publication	All criteria in search step are found in at least 1 publication of a family	SPUB=(TAC=(crane%) AND PD=2019)
XPN	PatBase or original or DOCDB patent number		XPN=(WO2008052388A1)

New Truncation

! will look for 0 or 1 character exactly e.g. print! Will find print, prints

_ will look for an optional space e.g. non_stick will find non stick, nonstick and non-stick

Removed commands

Field	Description
ICC	IPC 8-9 Core level
ICA	IPC 8-9 Advanced level
ICI	IPC 8-9 Invention
ICCI	IPC 8-9 Core level/Invention
ICN	IPC 8-9 Non-Invention
ICAI	IPC 8-9 Advanced level/Invention
ICCN	IPC 8-9 Core level/Non-invention
ICAN	IPC 8-9 Advanced level/Non-invention
EC	European Classification