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European Patent Office
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Introducing the new Espacenet

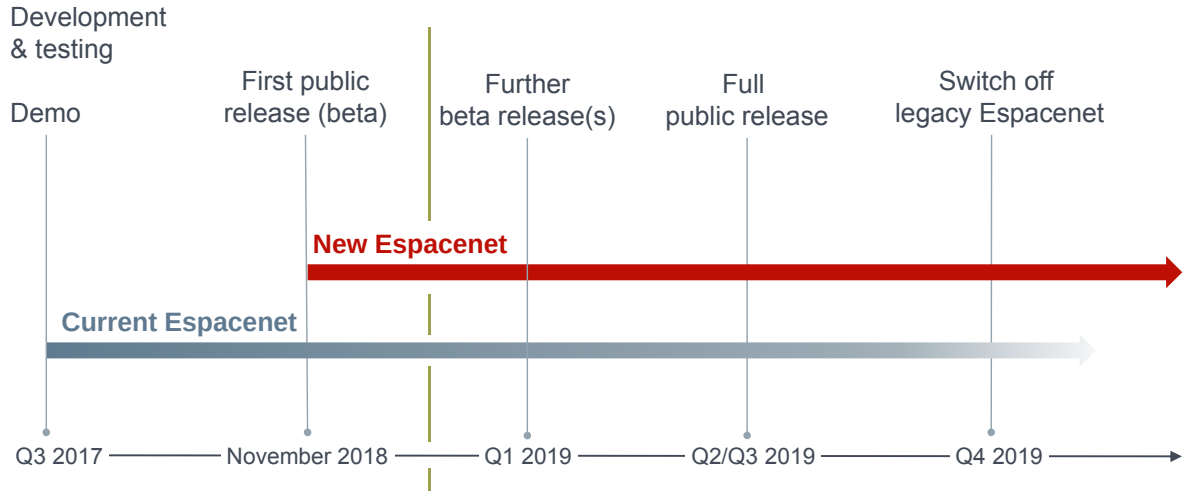
Johannes Schaaf, Roland Feinäugle Patent Information Marketing 6 March 2019

Content

- New Espacenet project
- Search
- Data analysis & processing
- Advanced features
- User support
- Responsive design

New Espacenet project - Timeline

What to expect in 2018 / 2019



What is new?

- Interface
- Search
- Navigation

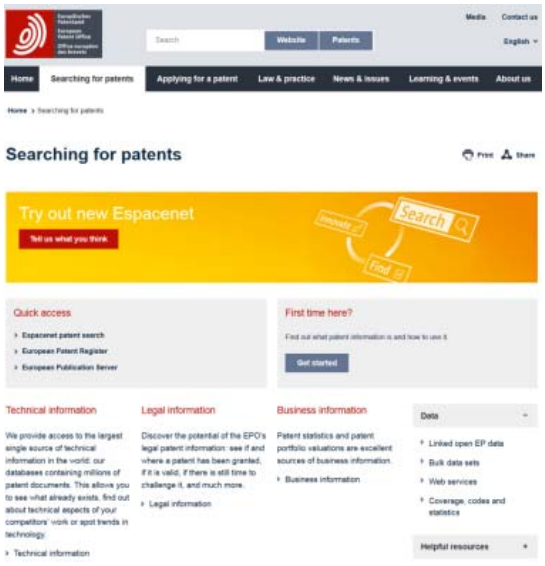
and also:

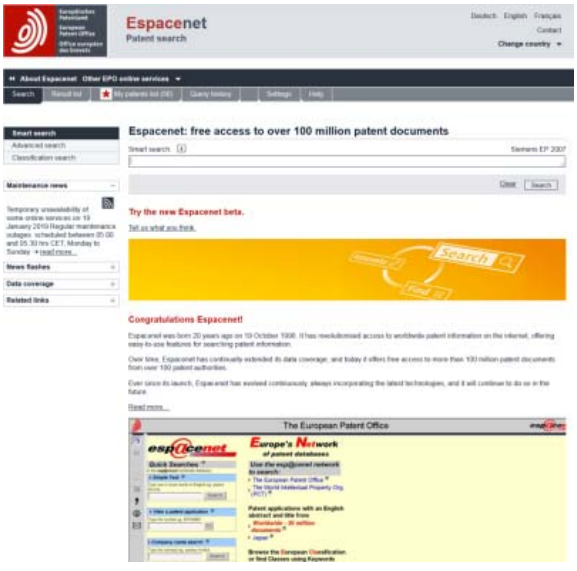
- Machinery behind the GUI

Benefits

- Smart search at all time
- Searching in all collections at once
- Full-text searching per default
- Better result list; e.g. drawings
- Simultaneous result and detail analysis
- Fit for different devices
- New field identifiers
- Modular and synchronised advanced search
- Filters

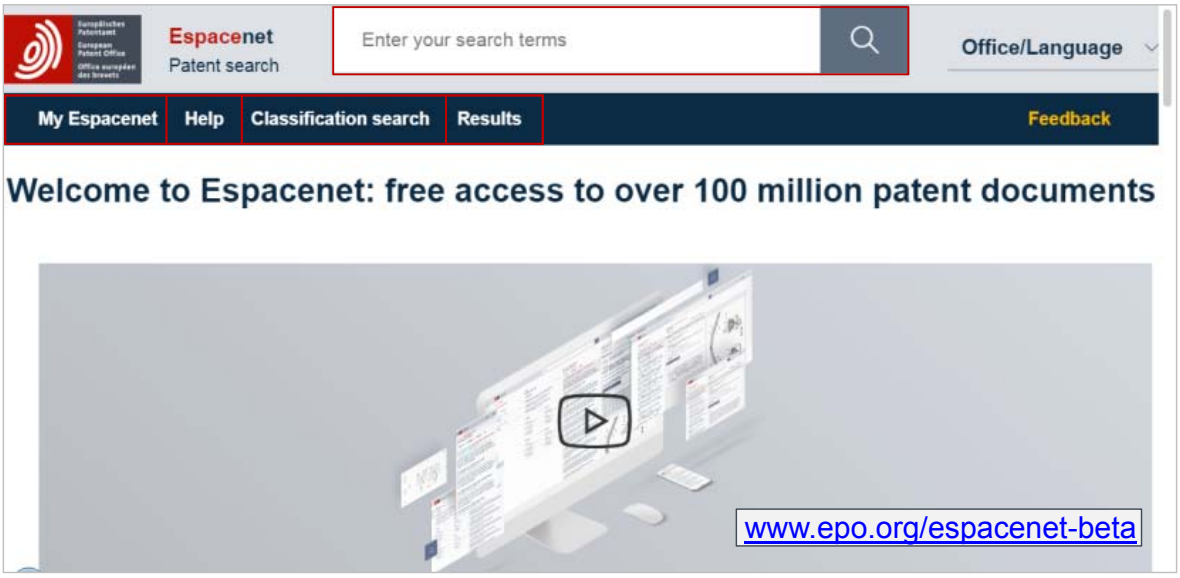
New Espacenet has been launched



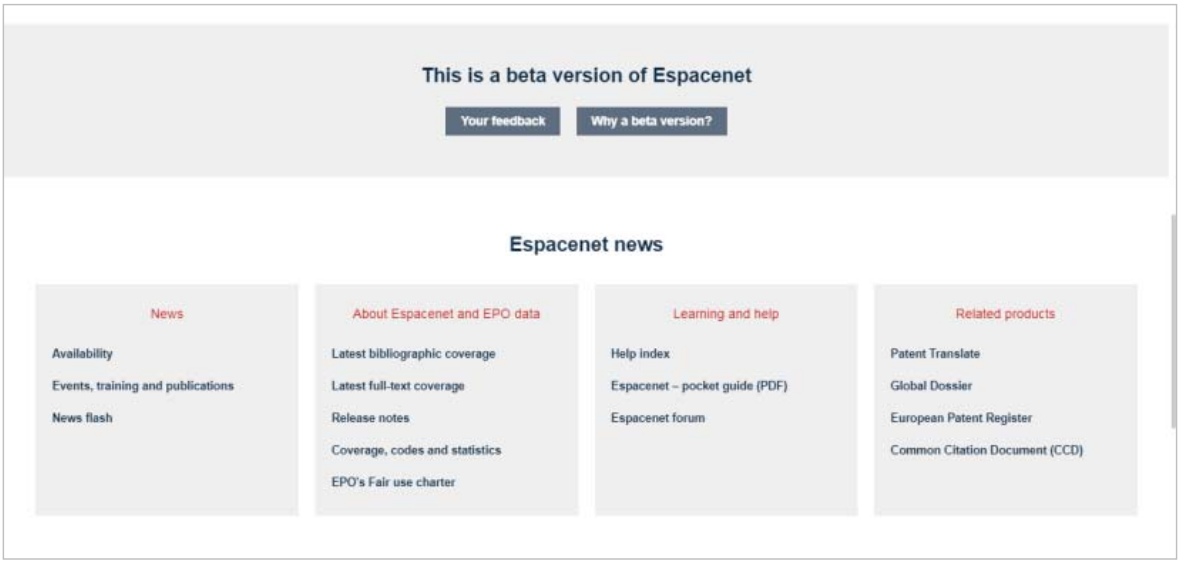


Searching patents has never been easier

Start page



Start page



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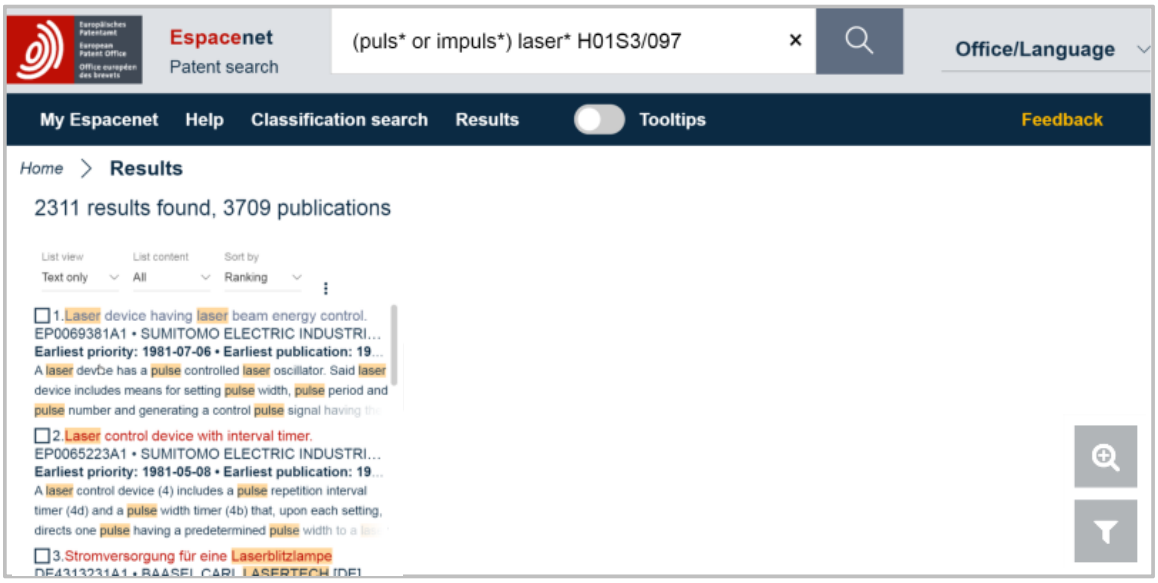
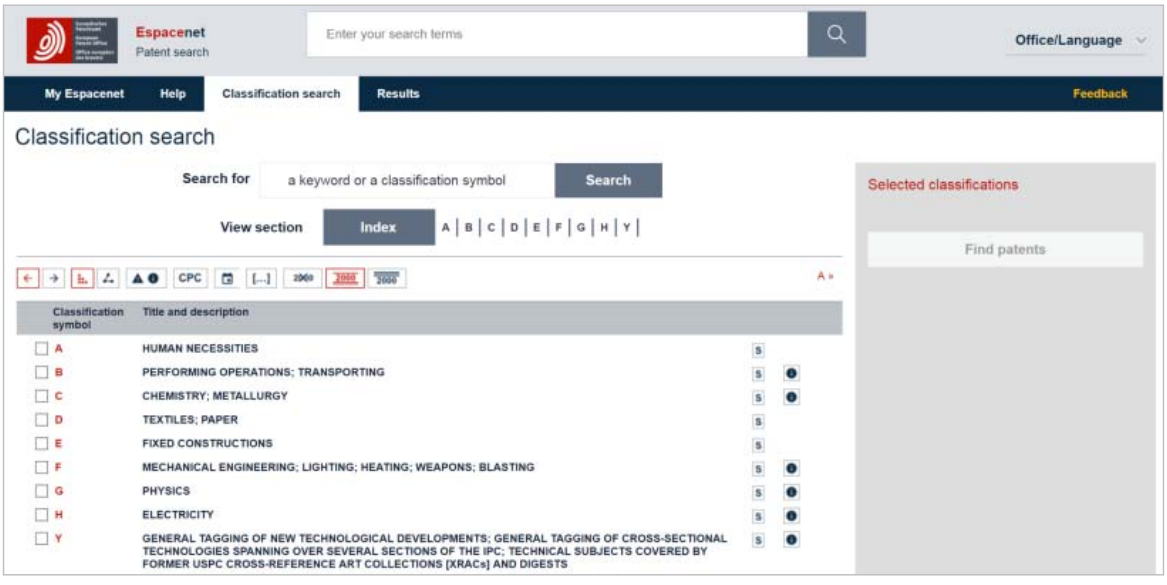
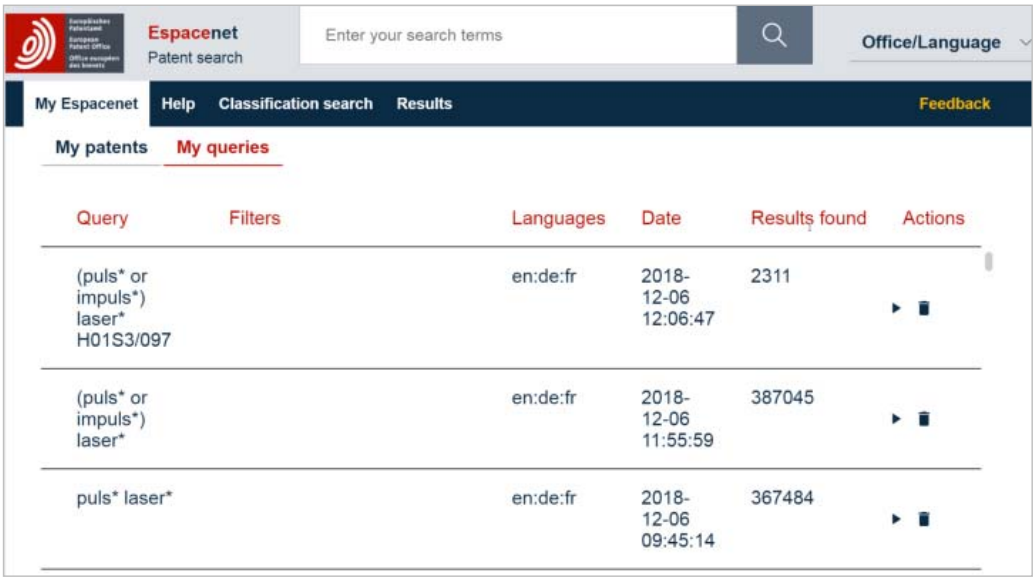
Smart search



Classification search



My Espacenet – My queries



Content

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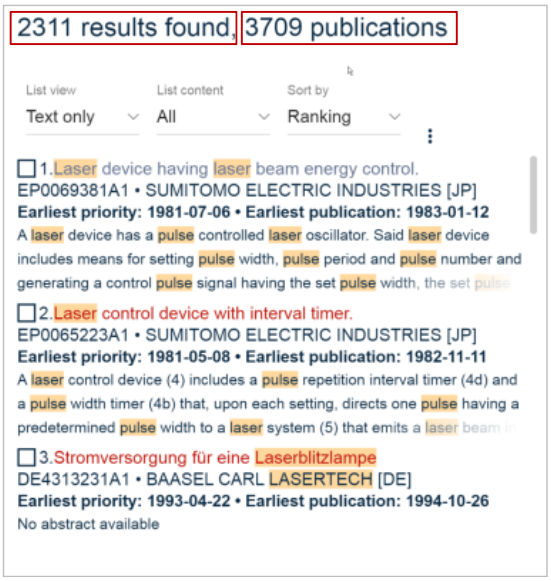
Result list

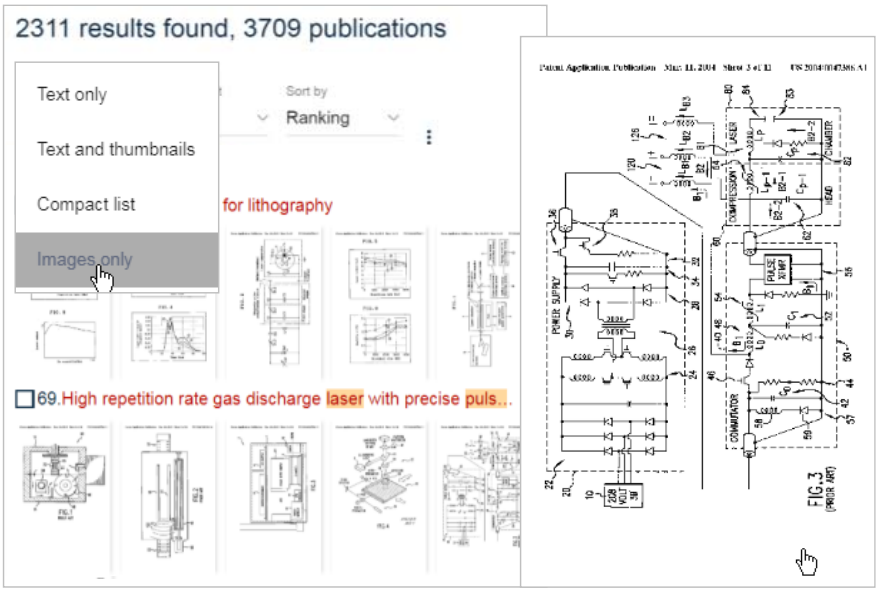


Number of results =
number of simple patent families

and number of publications
(not all family members)

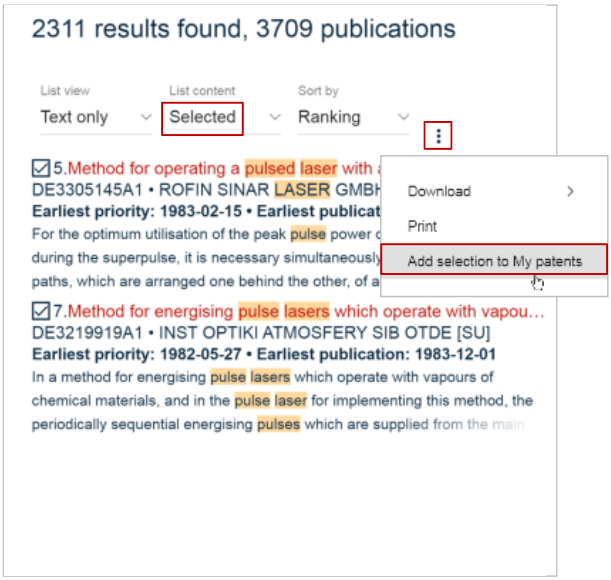
that match the search query
and optional filters

Result “List view”

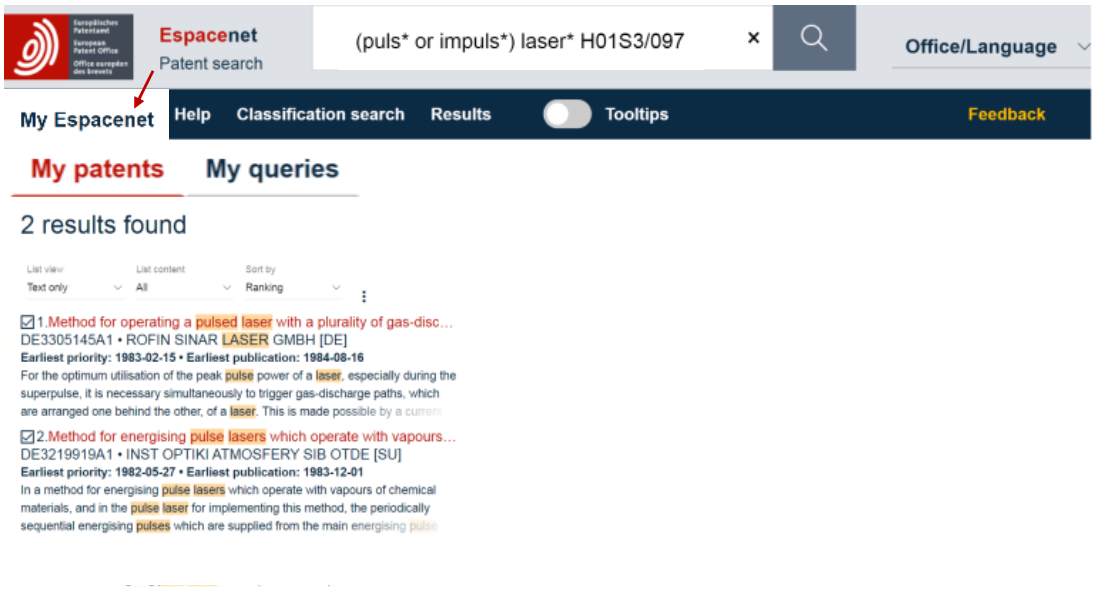


Result “Sort by”

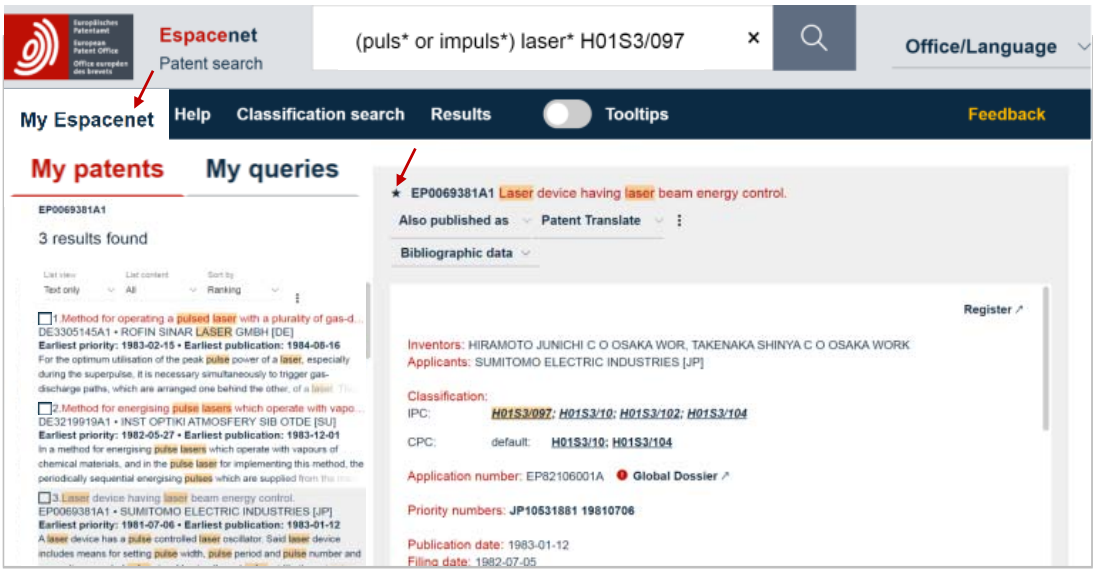
Result “List content”



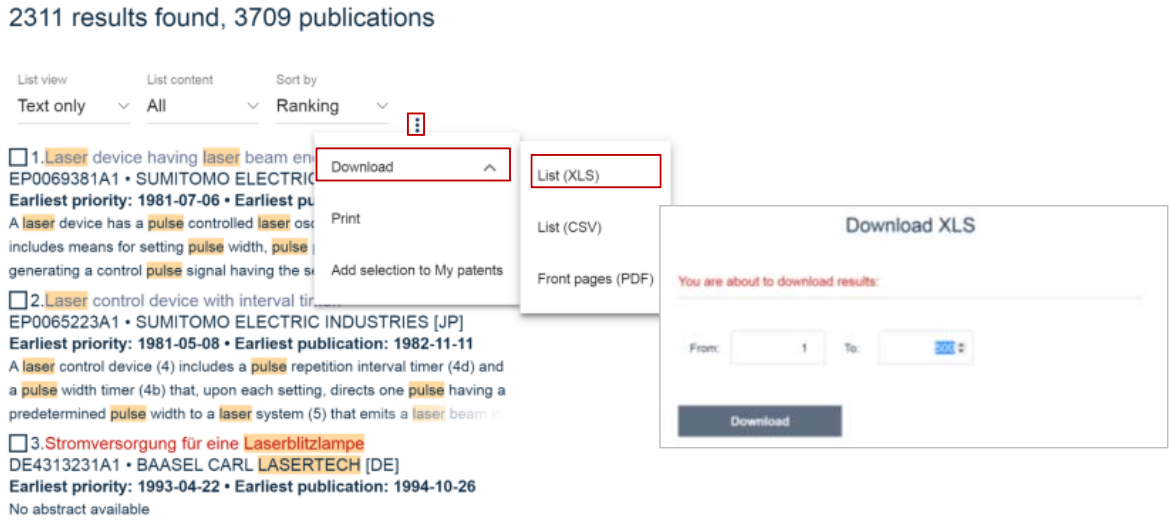
My Espacenet – My patents



My Espacenet – My patents

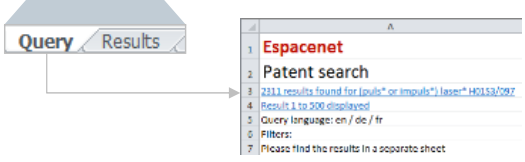


Result download

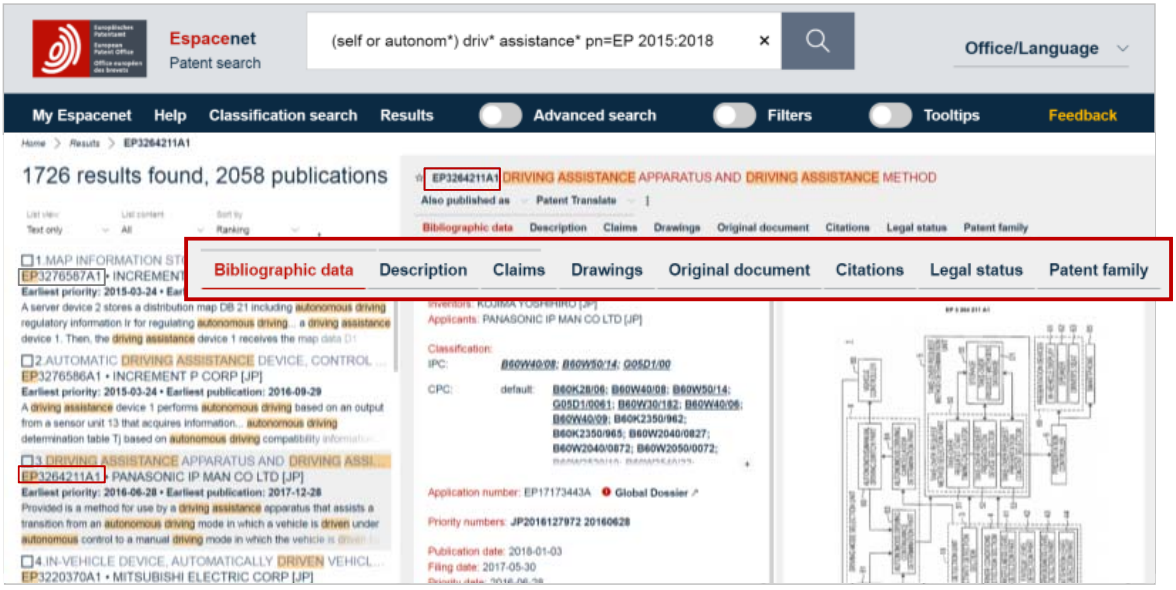


Result download

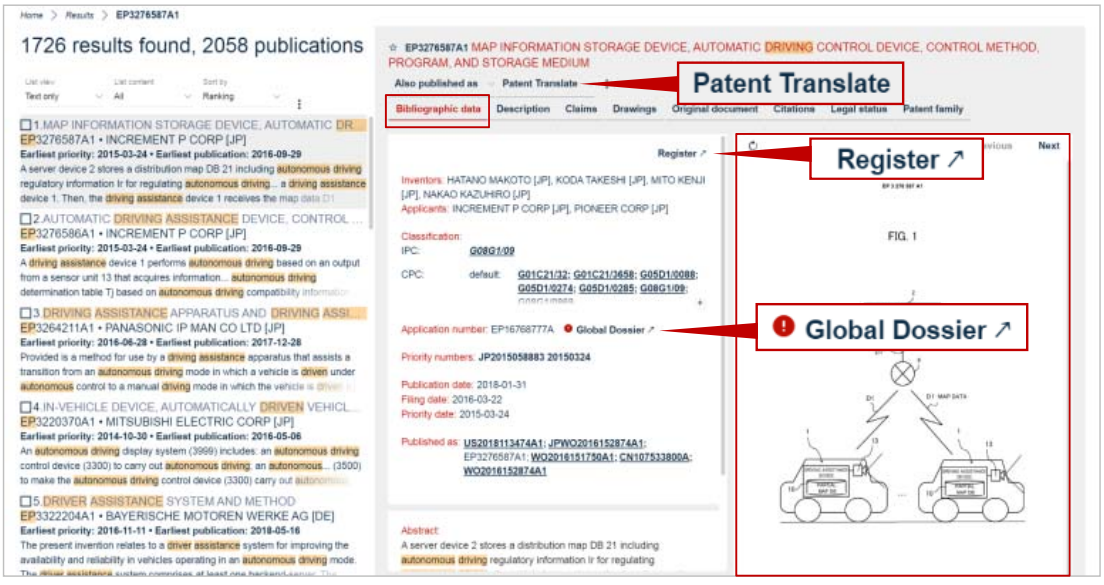
No	Title	Inventors	Applicants	Publication number	Earliest priority	CPC	IPC	Publication date	Earliest publicatio	Family number
1	Laser device having laser beam energy control.	HIRAMOTO JUNICHI C O OSAKA WOR TAKENAKA SHINYA C O OSAKA WORK	SUMITOMO ELECTRIC INDUSTRIES [JP]	EP0069381A1	1981-07-06	H01S3/10 H01S3/104	H01S3/097 H01S3/10 H01S3/102 H01S3/104	1983-01-12 1985-11-13	1983-01-12	014404354
2	Laser control device with interval timer.	TAKENAKA SHINYA C O OSAKA WORK	SUMITOMO ELECTRIC INDUSTRIES [JP]	EP0065223A1	1981-05-08	A61B18/20 H01S3/10 H01S3/104	A61B18/20 H01S3/097 H01S3/10 H01S3/104 A61B17/00	1982-11-24 1985-09-04	1982-11-11	013367081
3	Stromversorgung für eine Laserblitzlampe	LANGHANS LUTZ [DE] MANN OLAF [DE] SEIFERT WOLFGANG [DE]	BAASEL CARL LASERTECH [DE]	DE4313231A1	1993-04-22	H01S3/092 H01S3/1022	B23K26/00 H01S3/092 H01S3/102	1994-10-27	1994-10-26	006486134
4	PULSE LASER WITH PULSE ENERGY TRIMMER	SANDSTROM RICHARD L [US]	CYMER INC [US]	EP0998773A1	1997-07-21	H01S3/0057	H01S3/00 H01S3/097 H01S3/115 H01S3/137 H01S3/13 G02F1/03	2000-05-10 2005-04-13 2007-01-10	1998-12-22	025408228



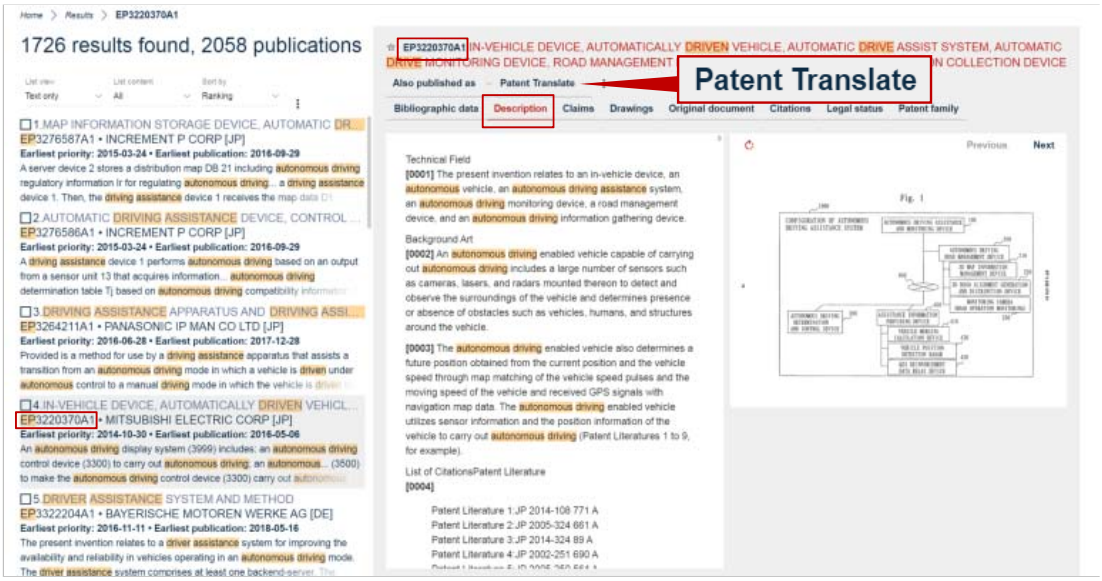
Detailed views



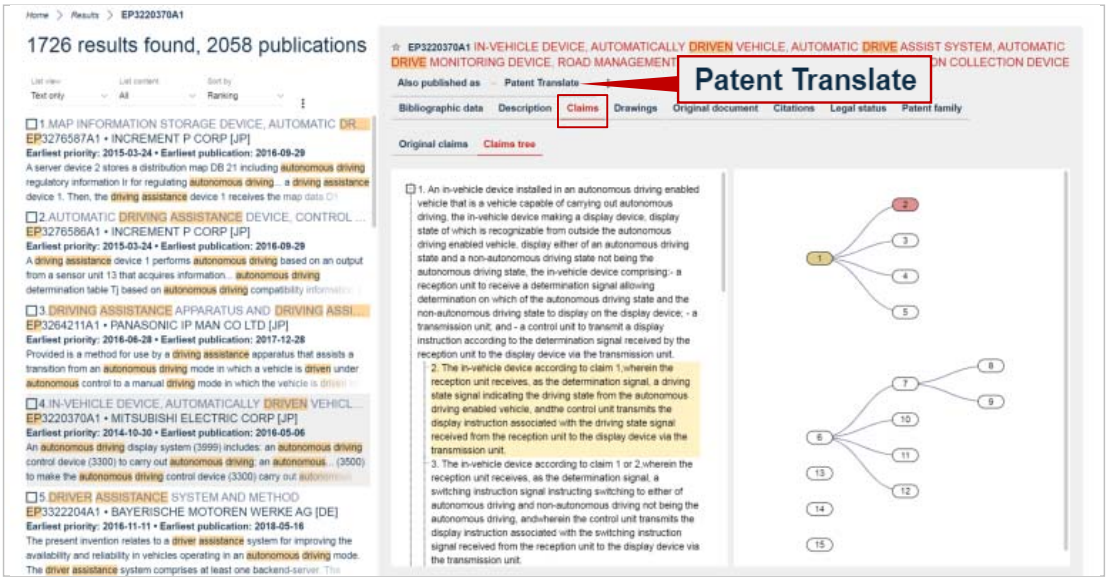
Bibliographic data



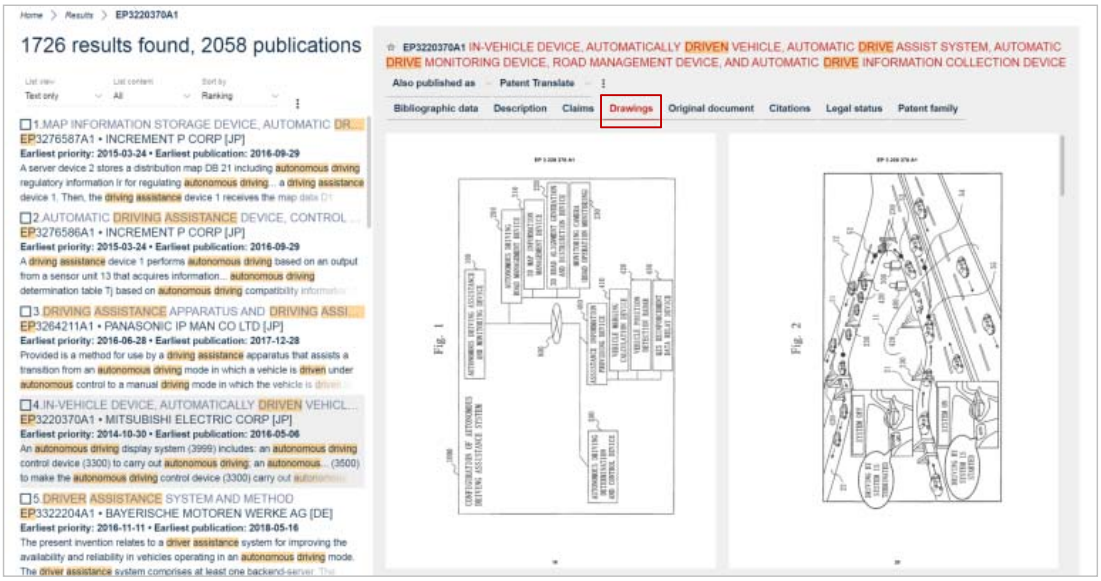
Description



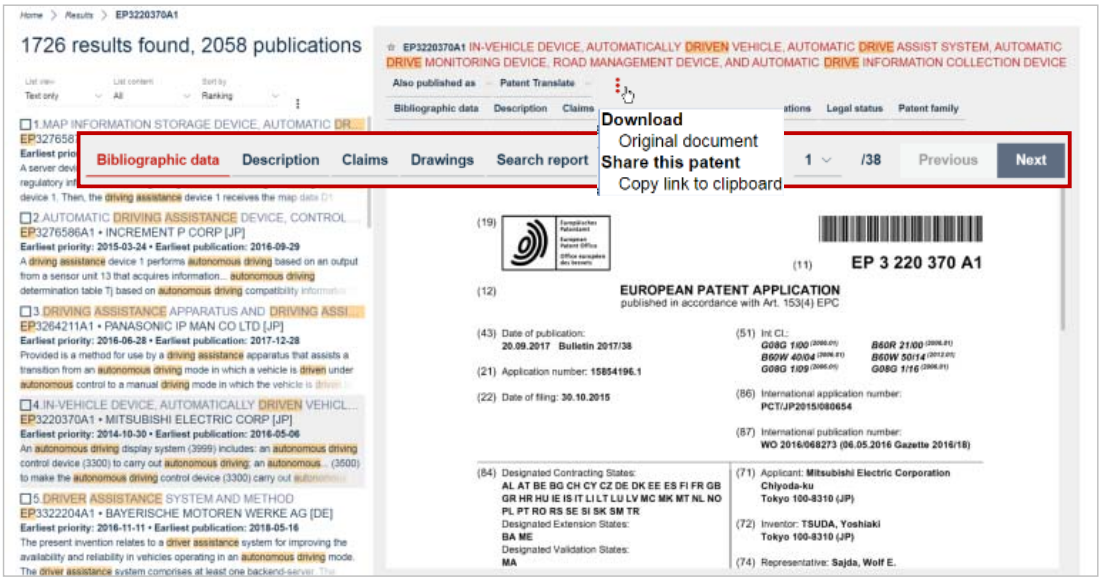
Claims



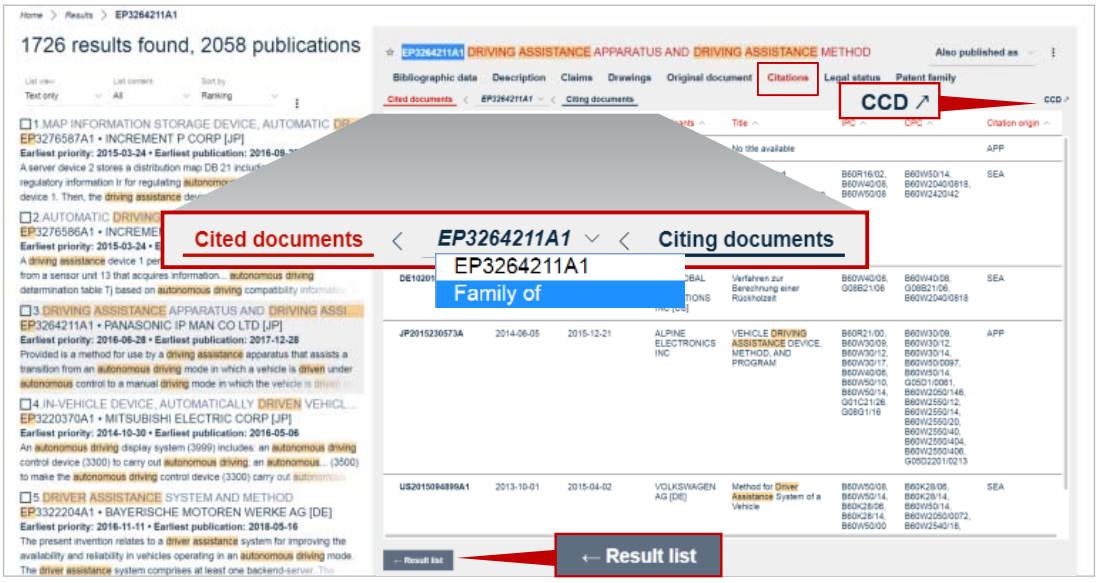
Drawings



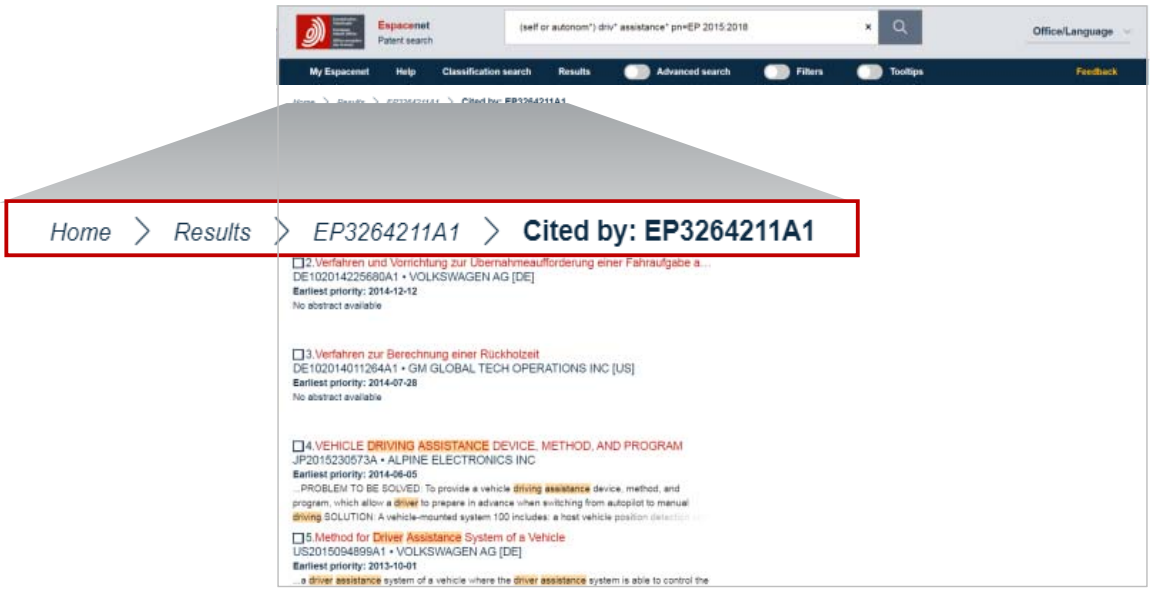
Original document



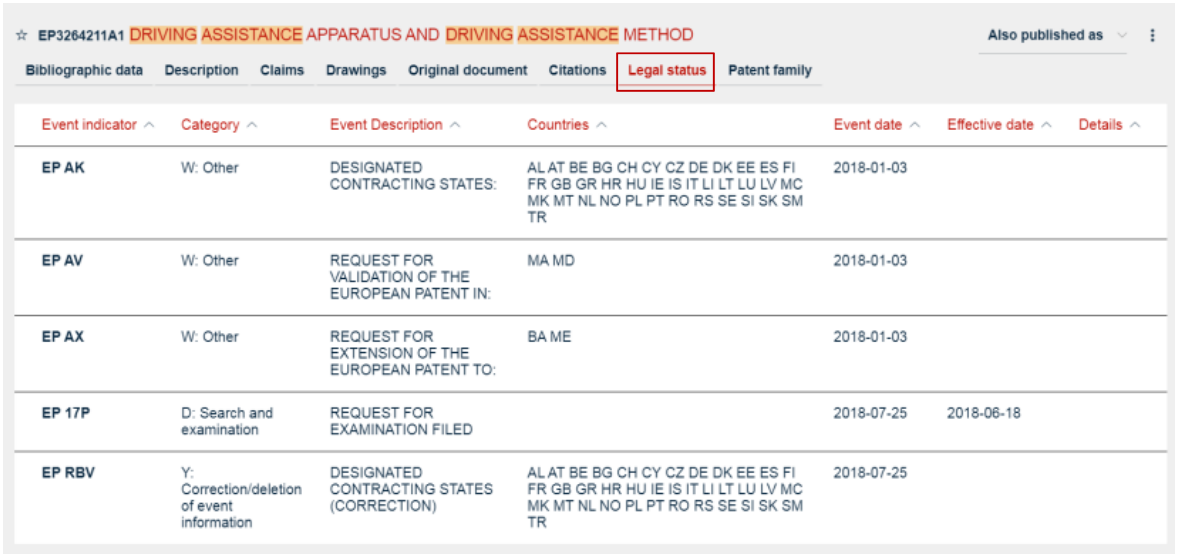
Citations



Citations

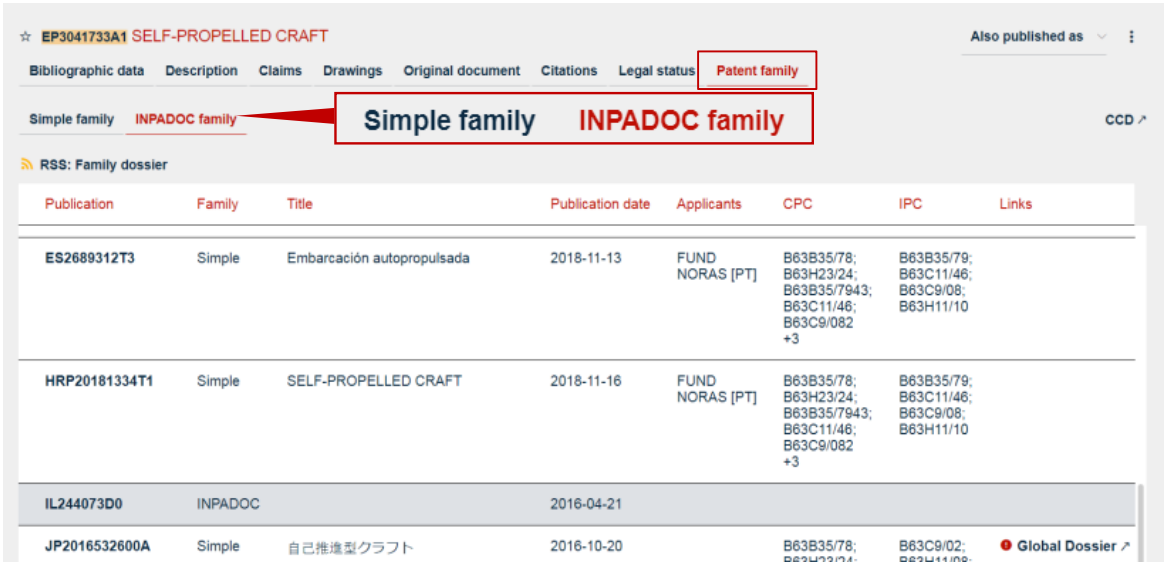


Legal status



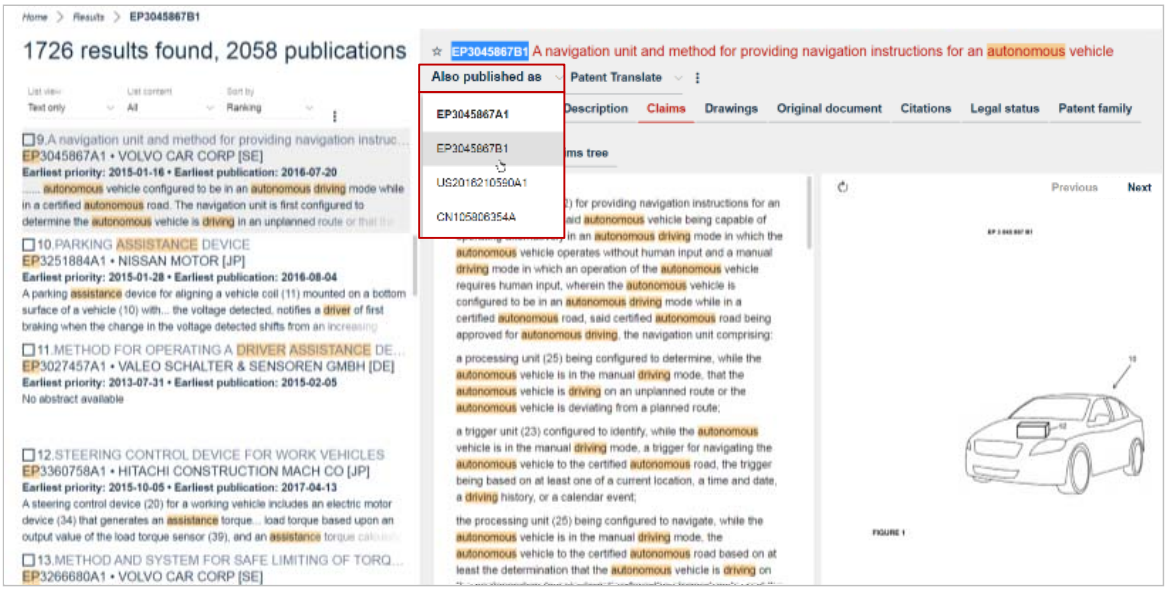
Event indicator	Category	Event Description	Countries	Event date	Effective date	Details
EP AK	W: Other	DESIGNATED CONTRACTING STATES:	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR	2018-01-03		
EP AV	W: Other	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT IN:	MA MD	2018-01-03		
EP AX	W: Other	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:	BA ME	2018-01-03		
EP 17P	D: Search and examination	REQUEST FOR EXAMINATION FILED		2018-07-25	2018-06-18	
EP RBV	Y: Correction/deletion of event information	DESIGNATED CONTRACTING STATES (CORRECTION)	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR	2018-07-25		

Patent family



Publication	Family	Title	Publication date	Applicants	CPC	IPC	Links
ES2689312T3	Simple	Embarcación autopropulsada	2018-11-13	FUND NORAS [PT]	B63B35/78; B63H23/24; B63B35/7943; B63C11/46; B63C9/082 +3	B63B35/79; B63C11/46; B63C9/08; B63H11/10	
HRP20181334T1	Simple	SELF-PROPELLED CRAFT	2018-11-16	FUND NORAS [PT]	B63B35/78; B63H23/24; B63B35/7943; B63C11/46; B63C9/082 +3	B63B35/79; B63C11/46; B63C9/08; B63H11/10	
IL244073D0	INPADOC		2016-04-21				
JP2016532600A	Simple	自己推進型クラフト	2016-10-20		B63B35/78;	B63C9/02;	Global Dossier

“Also published as”



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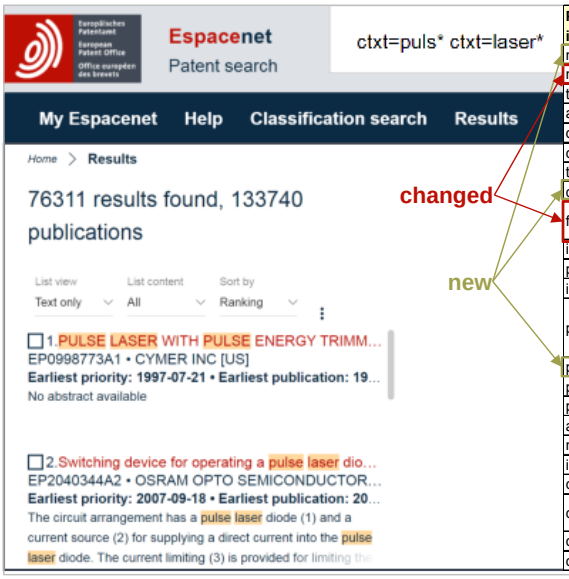
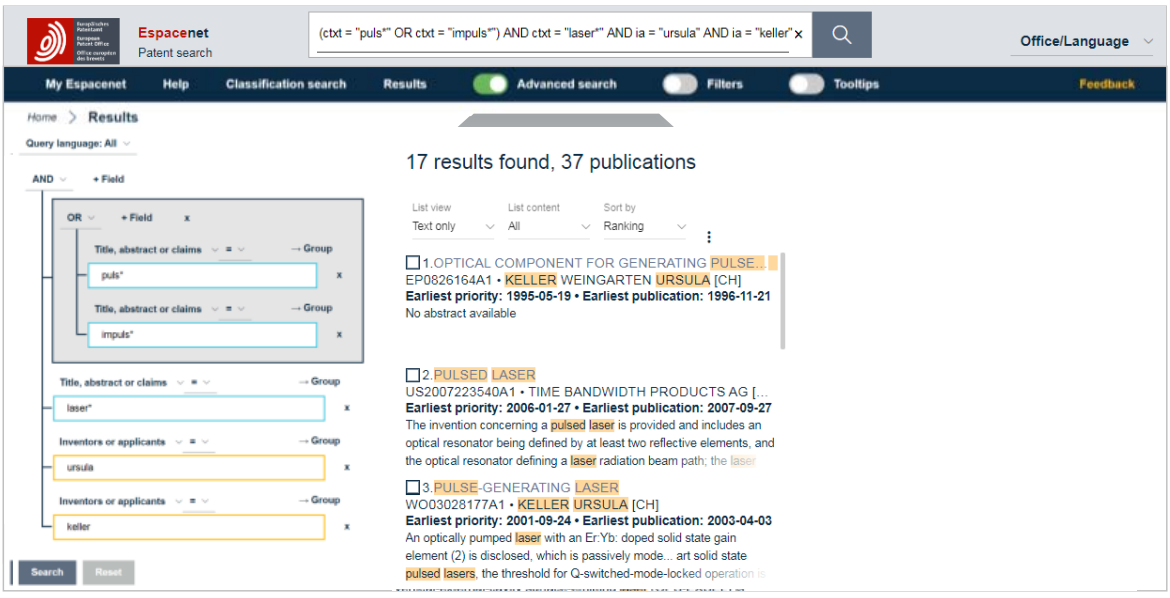
Advanced features – Field identifiers

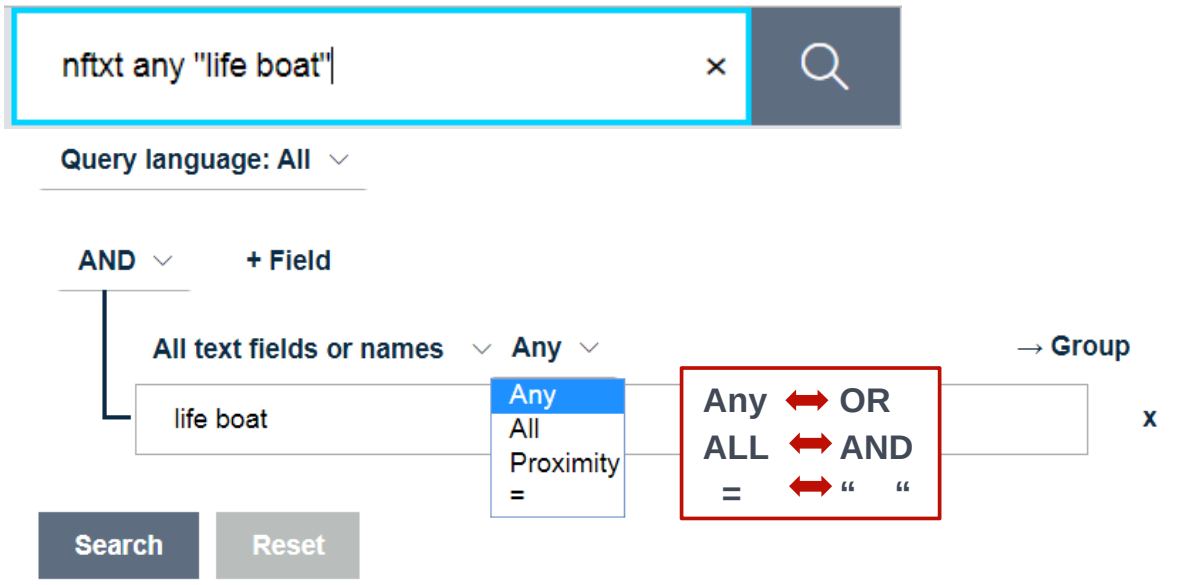


Field identifier	*Former Espacenet*	Description	Examples
nftxt	-	All text fields or names	nftxt="extreme ultraviolet lithography"
ntxt	*txt*	Title, abstract or names	ntxt=microscope lens
ti	*ti*	Title	ti="mouse trap"
ab	*ab*	Abstract	ab="mouse trap"
desc	*desc*	Description	desc=lens
claims	*claims*	Claims	claims=laser
ta	*ta*	Title or abstract	ta="laser printer"
ctxt	-	Title, abstract or claims	ctxt=(magnetic particle imaging)
ftxt	*extftxt*	All text fields (title, abstract, description or claims)	ftxt=nanoparticles
in	*in*	Inventor	in=smith
pa	*pa*	Applicant	pa=siemens
ia	*ia*	Inventor or applicant	ia=apple OR ia="ries klaus"
pd	*pd*	Publication date	pd=20180107 or pd="07/01/2018" or pd=07/01/2018
prd	-	Priority date	prd=201602
pr	*pr*	Priority number	pr=ep20050104792
pn	*pn*	Publication number	pn=ep1000000
ap	*ap*	Application number	ap=jp19890234567
num	*num*	All numbers	num=ep1000000
ipc	*ipc*	IPC	ipc=A63B49/08
cpc	*cpc*	CPC	cpc="A61K31/13"
cpcc	*cpcc*	CPC combination sets	cpcc="C08F8/30", cpcc="C08F297/02"
cl	*cl*	IPC or CPC	cl=C10J3
ct	*ct*	Cited document	ct=ep1000000

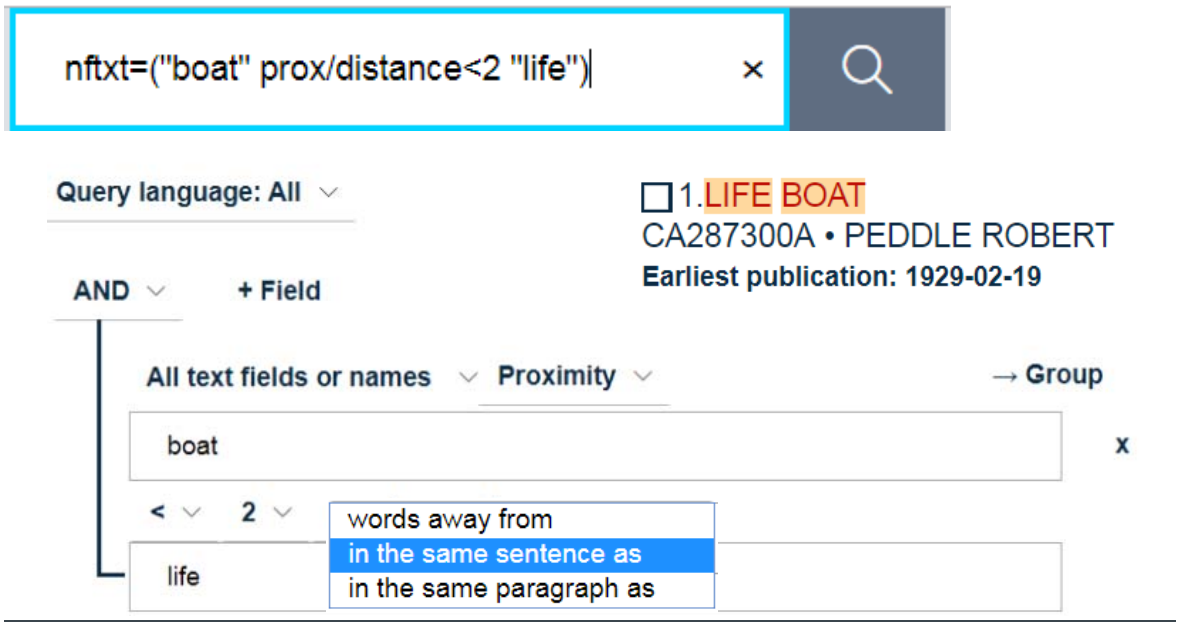
Advanced features – Advanced search



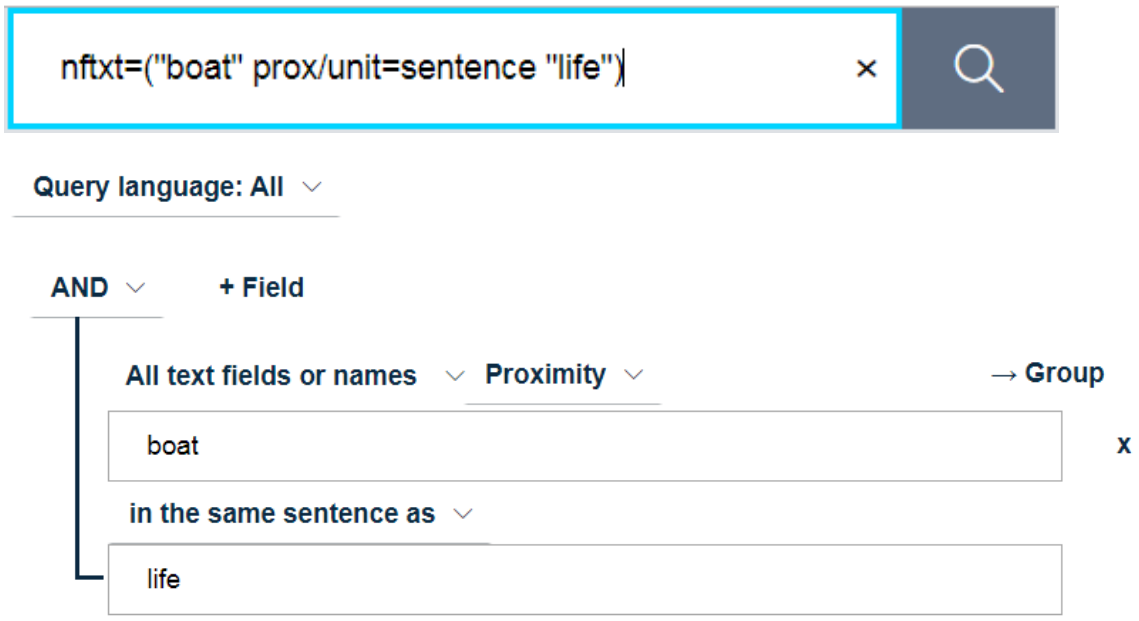
Advanced search: Field operators



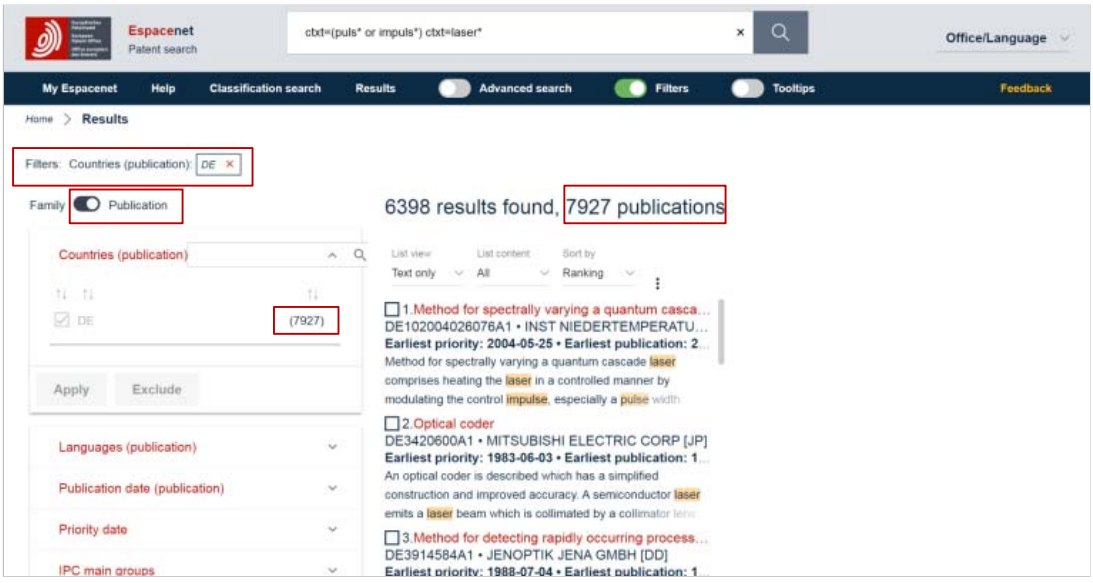
Advanced search: Field operator proximity



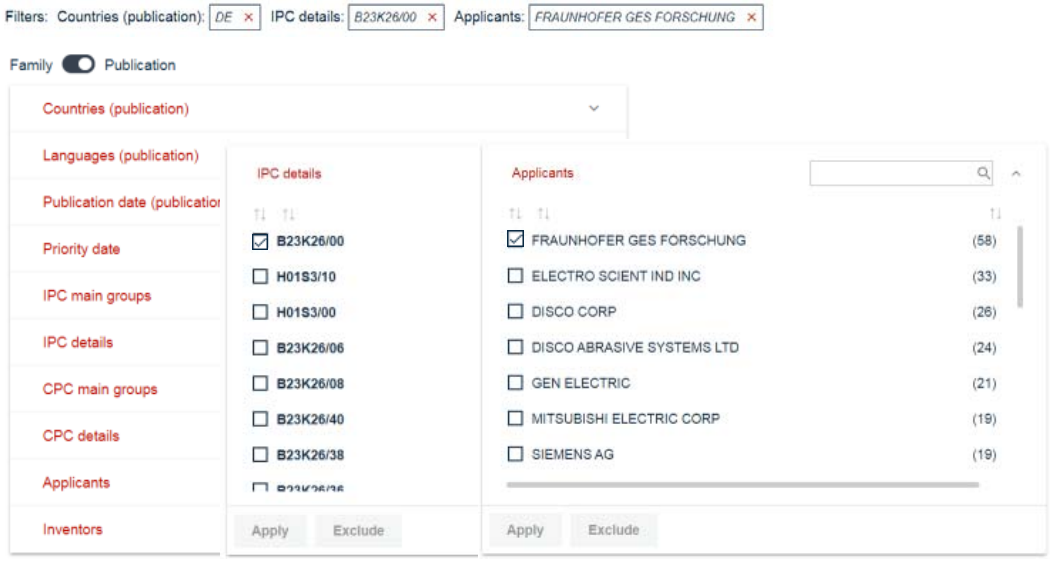
Advanced search: Field operator proximity



Advanced features - Filters



Filters – Different category: AND operator



Filters – Same category: AND / OR

- **OR** when applied at the same time

  Filters: IPC details: *B23K26/00* **OR** *B23K26/06* **OR** *B23K26/38* ×

  13006 results found, 32893 publications

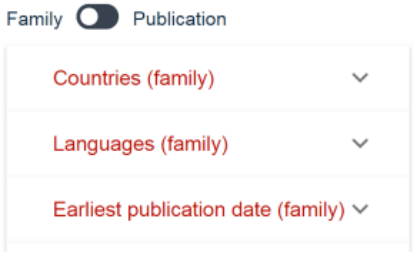
- **AND** when applied in consecutive order (here co-assignments)

  Filters: IPC details: *B23K26/00* × **AND** *B23K26/06* × **AND** *B23K26/38* ×

  703 results found, 3031 publications

Filters – Family vs Publication level

Two levels of filters for:



- Family:
  All search criteria and filters have to be met on family level (e.g. families with no CN family member)
- Publication:
  All search criteria and filters have to be met by at least one publication of the patent family (e.g. no CN document in result list)

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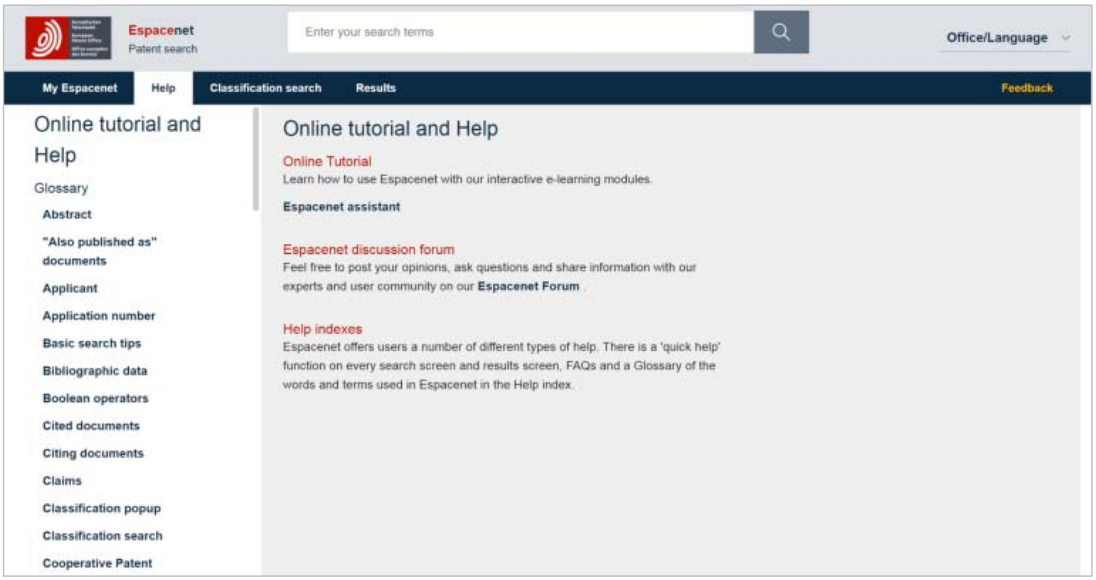
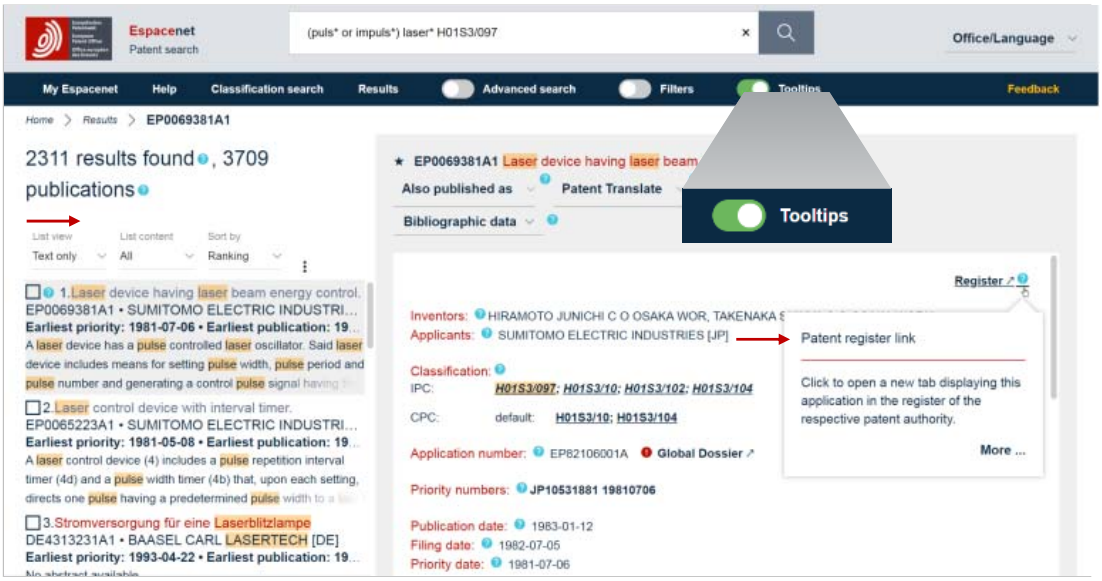
User support – Introductory video

User support - Help



User support - Tooltips



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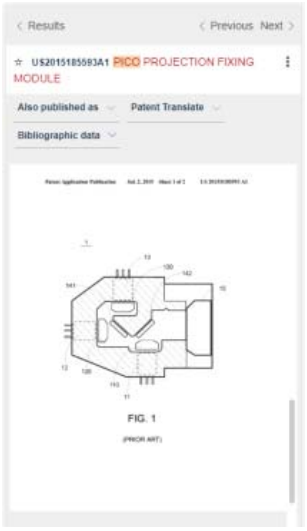
Responsive behaviour of new Espacenet



European Patent Office

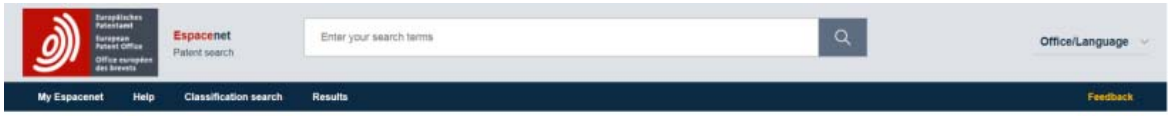
β

European Patent Office 50

Why *β* ?

- Unique opportunity for a last check of functionality and operational robustness
  - in a real production environment
  - with real users

- Last chance to spot errors, collect fee**Feedback** iron out bugs before released into full production



Why *β* ?

Please keep in mind that new Espacenet is still in *β*, thus

- there could be deficiencies in the functionality, data handling or coverage, or bugs, errors or other problems.

- You should not take any business-critical decisions based on searches conducted with it.

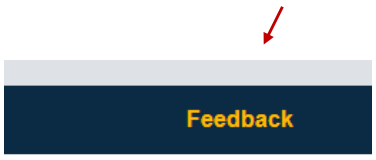
Test the Espacenet of the future

epo.org/espacenet-beta

Summary

- The beta version of new Espacenet is available for testing
- The workflow changed
  - keep the overview with the result list
  - the various detail views are synchronised
- More options for result list and document view
- Advanced search and filters offer new functionalities
- Usable on many devices

Feedback is welcome



Thank you!

Johannes Schaaf
Roland Feinäugle

Patent Information Marketing
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