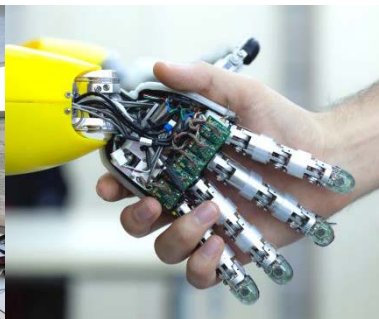
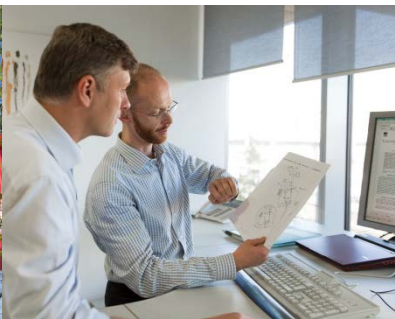


# PATSTAT – Status report 2018



Martin Kracker

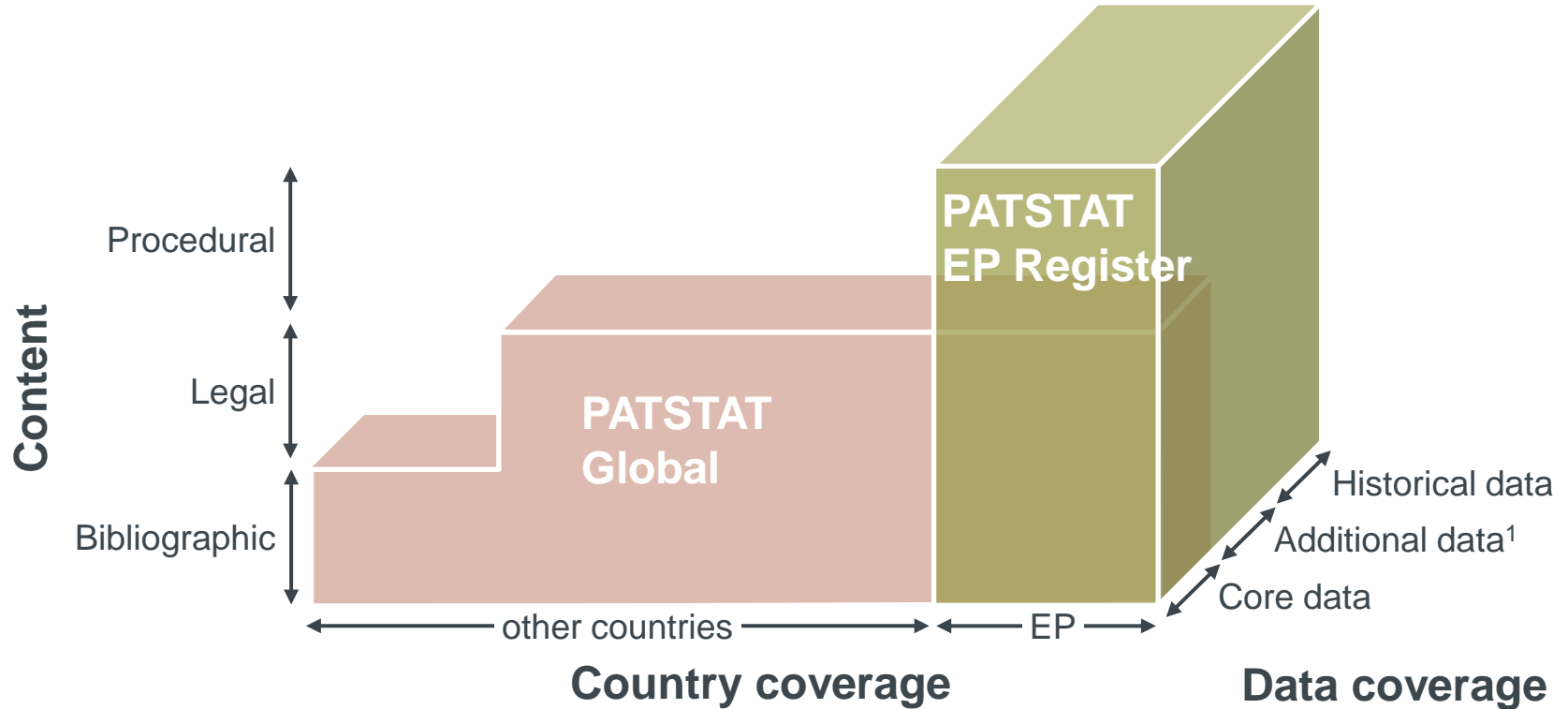


EPO, Vienna, Publication



PATSTAT User Day, Alicante, 22.10.2018

# PATSTAT product line 2018



<sup>1</sup> Additional data: Representatives, status of application, opponent, appeal, petition, limitations, further procedural data multiple language titles, ....

# Content of APPLN\_AUTH has changed

2018 Spring  
Edition

Applications	APPLN_AUTH	APPLN_NR	RECEIVING_OFFICE <i>new</i>
EP application	EP	07405011	
US application	US	2008119613	
PCT application with US as Receiving Office	WO	2006009552	US

- APPLN\_AUTH now contains always the responsible authority.  
In case of PCT application in internat. phase: “WO”
- New attribute RECEIVING\_OFFICE: populated for PCT applications
- Now correct results when counting e.g. US applications

# Citations for Euro-PCT replenished

- EPO examiners do not create citations in EP publications if these are already cited in the corresponding PCT publication
- To make citation analysis easier, PATSTAT copies the PCT citations also into the corresponding Euro-PCT application

Publication information			Citation information			
PUBLN_AUTH	PUBLN_NR	PUBLN_KIND	CITN_REPLE NISHED <i>new</i>	CITN_ID	CITN_ORIGIN	CITED_PAT_ PUBLN_ID
EP	2253403	A1	0	1	SEA	283938567
EP	2253403	A1	0	2	SEA	327162819
EP	2253403	A1	0	3	APP	55152558

# Enhanced NUTS reference table

- NUTS is the EU geocode standard for referencing the subdivisions of countries for statistical purposes.
- Now table TLS804\_NUTS contains not only entries for the most detailed level 3, but also higher levels including country level 0.

NUTS	NUTS_LEVEL	NUTS_LABEL
ES	0	ESPAÑA
ES1	1	NOROESTE
ES11	2	Galicia
ES111	3	A Coruña
ES112	3	Lugo
ES113	3	Ourense
ES114	3	Pontevedra
ES12	2	Principado de Asturias
ES120	3	Asturias
ES13	2	Cantabria
ES130	3	Cantabria
ES2	1	NORESTE
ES21	2	País Vasco

# INPADOC legal event table: EVENT\_ID

- Every legal event now has a unique, stable identifier:  
EVENT\_ID in table TLS231\_INPADOC\_LEGAL\_EVENT

→ Tracing legal events between PATSTAT editions is now easy

TLS231_INPADOC_LEGAL_EVENT	
PK	<u>EVENT_ID</u>
FK1	APPLN_ID
	EVENT_SEQ_NR
	EVENT_TYPE
FK2	EVENT_AUTH
FK2	EVENT_CODE

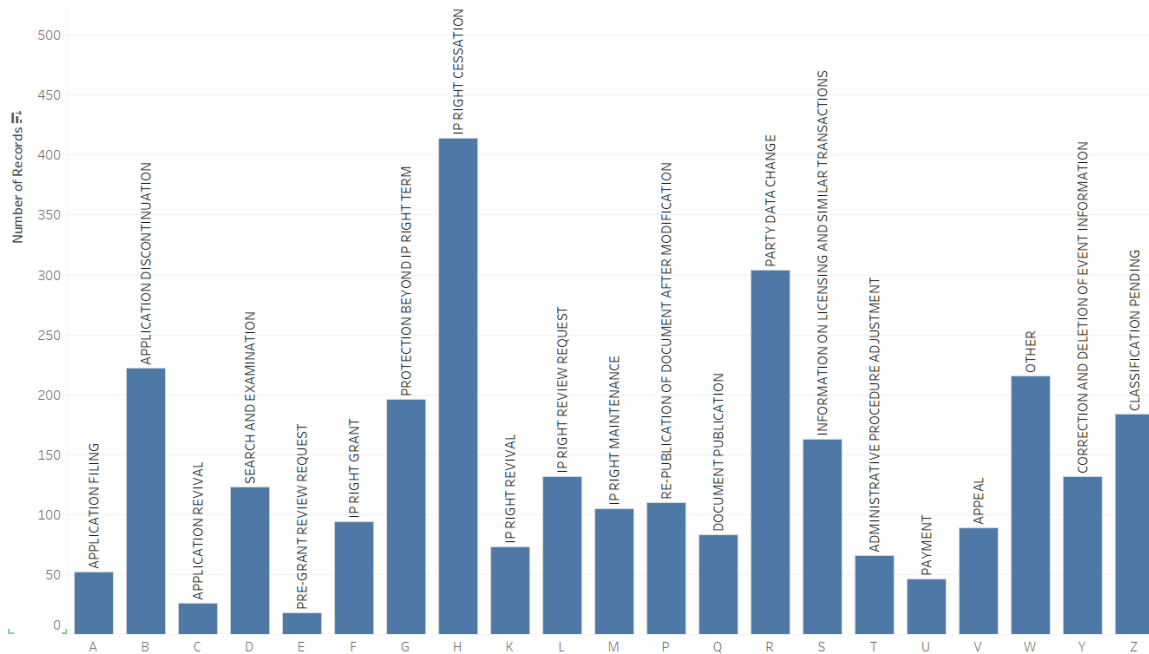
# INPADOC legal event table: Event categories

PATSTAT  
Global

2018 Autumn  
Edition

- All 2 800 codes which have been used since 1997 are grouped into 21 categories A-Z, based on ST.27.

<https://www.epo.org/searching-for-patents/data/coverage/weekly.html>



# INPADOC legal event table

- Codes and their categories are in the reference table  
TLS803\_LEGAL\_EVENT\_CODE:

Identifier  
(Primary Key)

depricated

New categories based on ST.27

	event_auth	event_code	event_impact	event_descr	event_descr_orig	event_category_code	event_category_title
1	AR	FA	-	ABANDONMENT OR WITHDRAWAL	ABANDONO O RETIRO	B	APPLICATION DISCONTINUATION
2	AR	FB	-	SUSPENSION OF GRANTING PROCEDURE	SUSPENSION DEL PRO...	T	ADMINISTRATIVE PROCEDURE ADJ
3	AR	FC	-	REFUSAL	DENEGACION	B	APPLICATION DISCONTINUATION
4	AR	FD	-	APPLICATION DECLARED VOID OR LAPS...	SOLICITUD DECLARAD...	B	APPLICATION DISCONTINUATION
5	AR	FG	+	GRANT, REGISTRATION	CONCESION, REGISTRO	F	IP RIGHT GRANT
6	AT	A1AW	-	REVOCATION OF PUBLISHED EXAMINED ...	AUFGEBOTSWIDERRUF	B	APPLICATION DISCONTINUATION
7	AT	A1B		CORRECTION	BERICHTIGUNG		
8	AT	A1J	-	WITHDRAWAL PARAGRAPH 166 LIT. 6	ZURUECKGENOMMEN ...	B	APPLICATION DISCONTINUATION

# INPADOC legal event table: Usage examples

- What types of *IP Right review requests* (category L) exist?

EVENT_DESCR
REQUEST FOR RESTRICTION WITHDRAWN
APPLICATION OF REVOCATION
OPPOSITION AGAINST THE PATENT
LIMITATION REQUEST VALIDLY FILED
REQUEST FOR CANCELLATION OR RULING FILED
REEXAMINATION CERTIFICATE FIRST REEXAMINATION

Partial result

- Which offices have an *IP Right review requests*?

	EVENT_AUTH
1	AU
2	BR
3	DD
4	DE
...	
16	US

Partial result

# INPADOC classification scheme: Category level: Documentation

- Reference document: *'INPADOC classification scheme: Description of the 21 categories of the INPADOC classification scheme'* on the EPO home page

Category title	Category code	Category description	Sub-categories	Procedural steps covered	Exceptions, extra information
G		Protection beyond IP right term			
		This category covers legal events related to the protection of an IP right beyond its term.			
		Means of protection rights beyond IP right term covered include: <ul style="list-style-type: none"> <li>patent term adjustment (PTA)</li> <li>term extension of a patent or utility model</li> <li>supplementary protection certificate (SPC)</li> <li>extension of a supplementary protection certificate (paediatric extension (PE)).</li> </ul> Events covered include: <ul style="list-style-type: none"> <li>protection beyond IP right term requested</li> <li>protection beyond IP right term not requested</li> <li>request found admissible</li> <li>request refused</li> <li>request withdrawn or deemed to be withdrawn</li> <li>protection beyond IP right term not granted</li> <li>protection beyond IP right term granted or registered.</li> </ul> Events occurring after the protection right beyond IP right term was granted or registered are covered in other categories. E.g., the discontinuation of a granted supplementary protection certificate is covered in category H.			

Source: [INPADOC classification documentation](#)

## Grant flags

- These flags have now values **N / Y** instead of **0 / 1** to be consistent with other flags:
  - PUBLN\_FIRST\_GRANT
  - GRANTED
- GRANTED attribute has been improved. An application is granted if
  - a granted publication has been published
  - OR a “grant” legal event (legal event category “F”) exists

*new  
logic*

Now the GRANTED attribute also considers countries like AR, BR or MX, which did / do not publish grants.

# REG109\_DESIGN(ATED)\_STATES

2018 Autumn  
Edition

- Has been renamed and restructured
- In addition to designated *member states*, it now contains also *extension states* and *validation states*.
- STATE\_TYPE has been added

New attribute



	id	state_type	change_date	bulletin_year	bulletin_nr	designated_states
1	15000582	MEM	2015-09-22	2015	39	AL,AT,BE,BG,CH,CY,CZ,DE,DK,EE,ES,FI,FR,GB,GR,HR,H...
2	15000582	MEM	2016-03-25	2016	17	AL,AT,BE,BG,CH,CY,CZ,DE,DK,EE,ES,FI,FR,GB,GR,HR,H...
3	15000582	VAL	9999-12-31	0	0	MA ←
4	15000582	EXT	9999-12-31	0	0	BA,ME ←

New entries

# Resources

- PATSTAT on the EPO home page:  
User Manual, Data Catalogs, Sample Queries....  
<http://www.epo.org/searching-for-patents/business/patstat.html#tab-3>
- SQL Self Study Course:  
<http://www.epo.org/searching-for-patents/business/patstat.html#tab-1>
- PATSTAT sample data:  
<http://www.epo.org/searching-for-patents/business/patstat.html#tab-4>
- Human help:  
[forums.epo.org/patstat/](http://forums.epo.org/patstat/) user forum  
[patstat@epo.org](mailto:patstat@epo.org) for PATSTAT data  
[patentinformation@epo.org](mailto:patentinformation@epo.org) for PATSTAT Online

# Thank you for your attention

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