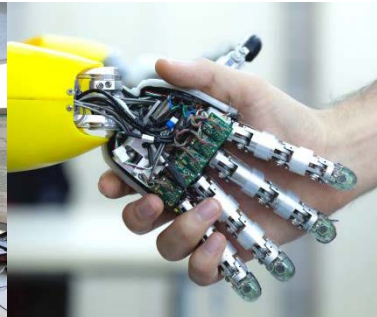




Europäisches
Patentamt
European
Patent Office
Office européen
des brevets

Raw Data Day 2018

Legal event data: Coverage information



Outline

- Distinguishing legal event data and legal status data
- The EPO's Worldwide Legal Status Database (INPADOC):
 - coverage
 - recent improvements
 - planned improvements

Legal event patent data

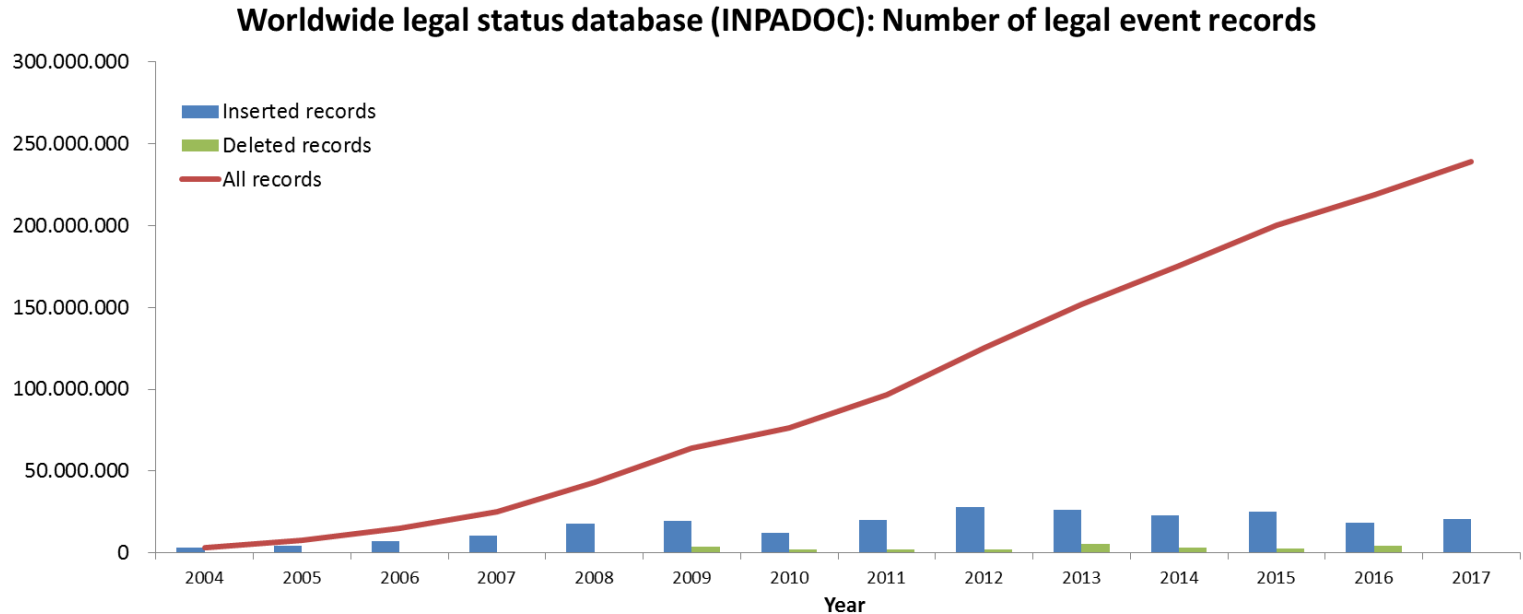
- Procedural data related to the application and granting procedure for patent applications, and data related to the validity and legal status of patents
- In other words: Legal event patent data covers actions during the life of a patent (application)
 - from the first moment that it was filed
 - until the last moment that it was valid
- Also covered: Legal event data on utility models, supplementary protection certificates and similar

The EPO's Worldwide Legal Status Database (INPADOC)

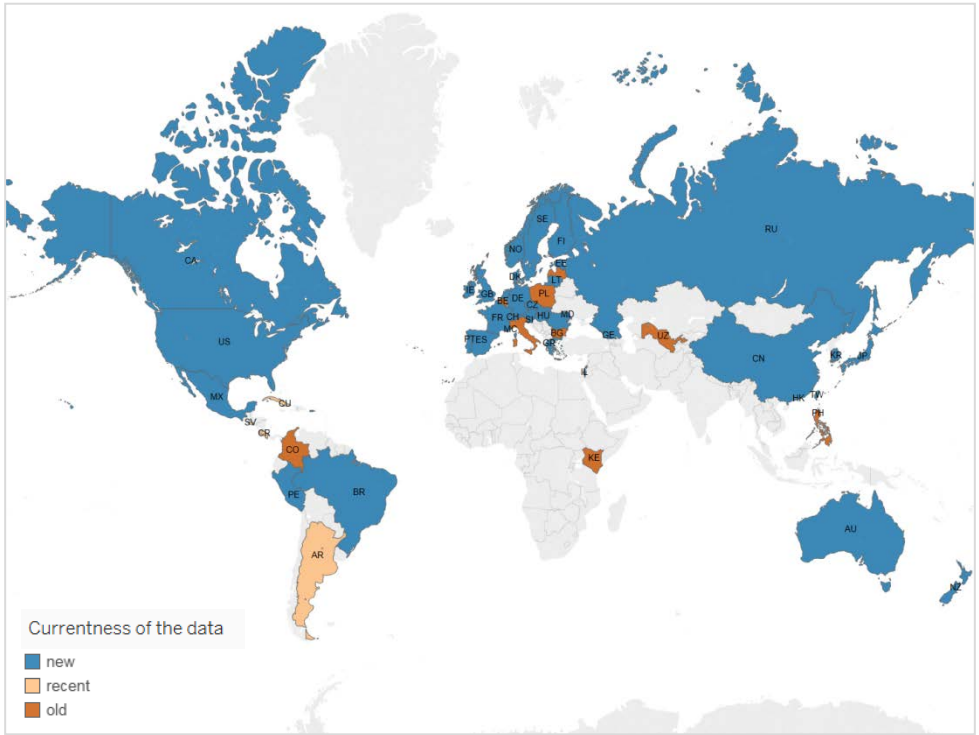
- Contains legal event data from the patent gazettes and registers of various patent authorities, including the EPO and more than 50 other patent authorities
- Backbone for many patent information products and services of the EPO and commercial service providers

INPADOC database

- More than 235 million legal event records



Coverage of the INPADOC database: Countries covered*)



*) Status: March 2018

INPADOC database:

Examples for new and amended data

Patent authority	Description
CN	Data provided with original new CN legal event codes
KR	More data available for patents and utility models: Applicant changes, old opposition system, new cancellation system, retrials
US	Fee payment data: Revised concept; more data available
US	Status of applications and granted patents: Data workflow for status of utility patents ready; data on status of design patents and re-issued patents being reviewed

INPADOC database: US fee payment data

Original event code	Event code description
ASPN	Payor Number Assigned
BIG	Entity status set to Undiscounted
EXP	Patent Expired for Failure to Pay Maintenance Fees
EXPX	Patent Reinstated After Maintenance Fee Payment Confirmed
F160	Maintenance Fee Has Already Been Paid. Refund is scheduled
F161	Maintenance Fee Tendered too Early. Refund is scheduled
F162	Maint Fee Payment Does Not Properly Identify the Patent
F163	M.F.Payment/Certificate of Mailing Untimely, 37 CFR 1.8
F164	M.F.Payment/Express Mail Procedures Untimely, 37 CFR 1.10
F165	M.F.Payment Sent With Fees for Other Purposes - Will Refund
F166	M.F. Payment not Accepted/Not Immed, Negotiable/Returned
F167	Check/Deposit Account Authorization is Unsigned - Returned
F168	Payment Received - Balance in Deposit Account Insufficient
F169	Payment is in Excess of Amount Required. Refund Scheduled
F170	Payment of Maintenance Fee, 4th Year
F171	Payment of Maintenance Fee, 8th Year
F172	Payment of Maintenance Fee, 12th Year
F173	Payment of Maintenance Fee, 4th Year, Undiscounted Entity
F174	Payment of Maintenance Fee, 8th Year, Undiscounted Entity
F175	Payment of Maintenance Fee, 12th Year, Undiscounted Entity
F176	Surcharge for late payment
F177	Surcharge for late payment, Undiscounted Entity
F273	Payment of Maintenance Fee, 4th Year, Small Entity
F274	Payment of Maintenance Fee, 8th Year, Small Entity
F275	Payment of Maintenance Fee, 12th Year, Small Entity
F277	Surcharge for late payment, Small Entity
LSM1	Pat Holder Longer Claims Small Ent Stat as Indiv Inventor
LSM2	Pat Holder Longer Claims Small Ent Stat as Small Business
LSM3	Pat Holder Longer Claims Small Ent Stat as Nonprofit Org
LTOS	Pat Holder Claims Small Entity Status; Entity Status Set to Small
M1461	Payment of Filing Fees under 1.28(c)
M1551	Payment of Maintenance Fee, 4th Year, Large Entity
M1552	Payment of Maintenance Fee, 8th Year, Large Entity
M1553	Payment of Maintenance Fee, 12th Year, Large Entity
M1554	Surcharge for Late Payment, Large Entity
M1555	7.5 yr surcharge - late pmt w/in 6 mo, Large Entity
M1556	11.5 yr surcharge - late pmt w/in 6 mo, Large Entity
M1557	Surcharge Payment to Accept Patent After Exp. Unavoidable



INPADOC event code	Description EN
FEPP	FEE PAYMENT PROCEDURE
FIPP	FILING FEE PAYMENT
LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES
MAFP	MAINTENANCE FEE PAYMENT
REFU	REFUND
REIN	REINSTATEMENT AFTER MAINTENANCE FEE PAYMENT CONFIRMED

INPADOC database: Information on the status of US applications and granted patents

Original event code	Event code description
ADPH	Patent Number Assigned
BIS	Entity status set to Undiscounted
EXP	Patent Expired for Failure to Pay Maintenance Fees
ESPK	Patent Reinstated After Maintenance Fee Payment Confirmed
F160	Maintenance Fee Has Already Been Paid. Refund is scheduled
F161	Maintenance Fee Tendered too Early. Refund is scheduled
F162	Main Fee Payment Does Not Properly Identify the Patent
F163	M.F. Payment/Certificate of Mailing Unready. 37 CFR 1.8
F164	M.F. Payment/Deposit Mail Procedure Unready. 37 CFR 1.10
F165	M.F. Payment Sent With Fees for Other Purposes - Will Refund
F166	M.F. Payment not Accepted/Not Invoiced. Negative/Returned
F167	Check/Deposit Account Authorization is Unready - Returned
F168	Payment Received - Balance in Deposit Account Insufficient
F169	Payment is in Excess of Amount Required. Refund Scheduled
F170	Payment of Maintenance Fee, 4th Year
F171	Payment of Maintenance Fee, 8th Year
F172	Payment of Maintenance Fee, 12th Year
F173	Payment of Maintenance Fee, 4th Year, Undiscounted Entity
F174	Payment of Maintenance Fee, 8th Year, Undiscounted Entity
F175	Payment of Maintenance Fee, 12th Year, Undiscounted Entity
F176	Surcharge for late payment
F177	Surcharge for late payment, Undiscounted Entity
F273	Payment of Maintenance Fee, 4th Year, Large Entity
F274	Payment of Maintenance Fee, 8th Year, Large Entity
F275	Payment of Maintenance Fee, 12th Year, Large Entity
F277	Surcharge for late payment, Large Entity
LSM1	Patent Holder Claims Small Entity Status as Individual Inventor
LSM2	Patent Holder Claims Small Entity Status as Small Business
LSM3	Patent Holder Claims Small Entity Status as Non-Profit
LSM4	Patent Holder Claims Small Entity Status as Non-Profit
LSM5	Patent Holder Claims Small Entity Status as Non-Profit
LSM6	Patent Holder Claims Small Entity Status as Non-Profit
LSM7	Patent Holder Claims Small Entity Status as Non-Profit
LSM8	Patent Holder Claims Small Entity Status as Non-Profit
LSM9	Patent Holder Claims Small Entity Status as Non-Profit
LSM10	Patent Holder Claims Small Entity Status as Non-Profit
LSM11	Patent Holder Claims Small Entity Status as Non-Profit
LSM12	Patent Holder Claims Small Entity Status as Non-Profit
LSM13	Patent Holder Claims Small Entity Status as Non-Profit
LSM14	Patent Holder Claims Small Entity Status as Non-Profit
LSM15	Patent Holder Claims Small Entity Status as Non-Profit
LSM16	Patent Holder Claims Small Entity Status as Non-Profit
LSM17	Patent Holder Claims Small Entity Status as Non-Profit
LSM18	Patent Holder Claims Small Entity Status as Non-Profit
LSM19	Patent Holder Claims Small Entity Status as Non-Profit
LSM20	Patent Holder Claims Small Entity Status as Non-Profit
LSM21	Patent Holder Claims Small Entity Status as Non-Profit
LSM22	Patent Holder Claims Small Entity Status as Non-Profit
LSM23	Patent Holder Claims Small Entity Status as Non-Profit
LSM24	Patent Holder Claims Small Entity Status as Non-Profit
LSM25	Patent Holder Claims Small Entity Status as Non-Profit
LSM26	Patent Holder Claims Small Entity Status as Non-Profit
LSM27	Patent Holder Claims Small Entity Status as Non-Profit
LSM28	Patent Holder Claims Small Entity Status as Non-Profit
LSM29	Patent Holder Claims Small Entity Status as Non-Profit
LSM30	Patent Holder Claims Small Entity Status as Non-Profit
LSM31	Patent Holder Claims Small Entity Status as Non-Profit
LSM32	Patent Holder Claims Small Entity Status as Non-Profit
LSM33	Patent Holder Claims Small Entity Status as Non-Profit
LSM34	Patent Holder Claims Small Entity Status as Non-Profit
LSM35	Patent Holder Claims Small Entity Status as Non-Profit
LSM36	Patent Holder Claims Small Entity Status as Non-Profit
LSM37	Patent Holder Claims Small Entity Status as Non-Profit
LSM38	Patent Holder Claims Small Entity Status as Non-Profit
LSM39	Patent Holder Claims Small Entity Status as Non-Profit
LSM40	Patent Holder Claims Small Entity Status as Non-Profit
LSM41	Patent Holder Claims Small Entity Status as Non-Profit
LSM42	Patent Holder Claims Small Entity Status as Non-Profit
LSM43	Patent Holder Claims Small Entity Status as Non-Profit
LSM44	Patent Holder Claims Small Entity Status as Non-Profit
LSM45	Patent Holder Claims Small Entity Status as Non-Profit
LSM46	Patent Holder Claims Small Entity Status as Non-Profit
LSM47	Patent Holder Claims Small Entity Status as Non-Profit
LSM48	Patent Holder Claims Small Entity Status as Non-Profit
LSM49	Patent Holder Claims Small Entity Status as Non-Profit
LSM50	Patent Holder Claims Small Entity Status as Non-Profit
LSM51	Patent Holder Claims Small Entity Status as Non-Profit
LSM52	Patent Holder Claims Small Entity Status as Non-Profit
LSM53	Patent Holder Claims Small Entity Status as Non-Profit
LSM54	Patent Holder Claims Small Entity Status as Non-Profit
LSM55	Patent Holder Claims Small Entity Status as Non-Profit
LSM56	Patent Holder Claims Small Entity Status as Non-Profit
LSM57	Patent Holder Claims Small Entity Status as Non-Profit
LSM58	Patent Holder Claims Small Entity Status as Non-Profit
LSM59	Patent Holder Claims Small Entity Status as Non-Profit
LSM60	Patent Holder Claims Small Entity Status as Non-Profit
LSM61	Patent Holder Claims Small Entity Status as Non-Profit
LSM62	Patent Holder Claims Small Entity Status as Non-Profit
LSM63	Patent Holder Claims Small Entity Status as Non-Profit
LSM64	Patent Holder Claims Small Entity Status as Non-Profit
LSM65	Patent Holder Claims Small Entity Status as Non-Profit
LSM66	Patent Holder Claims Small Entity Status as Non-Profit
LSM67	Patent Holder Claims Small Entity Status as Non-Profit
LSM68	Patent Holder Claims Small Entity Status as Non-Profit
LSM69	Patent Holder Claims Small Entity Status as Non-Profit
LSM70	Patent Holder Claims Small Entity Status as Non-Profit
LSM71	Patent Holder Claims Small Entity Status as Non-Profit
LSM72	Patent Holder Claims Small Entity Status as Non-Profit
LSM73	Patent Holder Claims Small Entity Status as Non-Profit
LSM74	Patent Holder Claims Small Entity Status as Non-Profit
LSM75	Patent Holder Claims Small Entity Status as Non-Profit
LSM76	Patent Holder Claims Small Entity Status as Non-Profit
LSM77	Patent Holder Claims Small Entity Status as Non-Profit
LSM78	Patent Holder Claims Small Entity Status as Non-Profit
LSM79	Patent Holder Claims Small Entity Status as Non-Profit
LSM80	Patent Holder Claims Small Entity Status as Non-Profit
LSM81	Patent Holder Claims Small Entity Status as Non-Profit
LSM82	Patent Holder Claims Small Entity Status as Non-Profit
LSM83	Patent Holder Claims Small Entity Status as Non-Profit
LSM84	Patent Holder Claims Small Entity Status as Non-Profit
LSM85	Patent Holder Claims Small Entity Status as Non-Profit
LSM86	Patent Holder Claims Small Entity Status as Non-Profit
LSM87	Patent Holder Claims Small Entity Status as Non-Profit
LSM88	Patent Holder Claims Small Entity Status as Non-Profit
LSM89	Patent Holder Claims Small Entity Status as Non-Profit
LSM90	Patent Holder Claims Small Entity Status as Non-Profit
LSM91	Patent Holder Claims Small Entity Status as Non-Profit
LSM92	Patent Holder Claims Small Entity Status as Non-Profit
LSM93	Patent Holder Claims Small Entity Status as Non-Profit
LSM94	Patent Holder Claims Small Entity Status as Non-Profit
LSM95	Patent Holder Claims Small Entity Status as Non-Profit
LSM96	Patent Holder Claims Small Entity Status as Non-Profit
LSM97	Patent Holder Claims Small Entity Status as Non-Profit
LSM98	Patent Holder Claims Small Entity Status as Non-Profit
LSM99	Patent Holder Claims Small Entity Status as Non-Profit
LSM100	Patent Holder Claims Small Entity Status as Non-Profit



INPADOC event code	Description EN
STAD	INFORMATION ON STATUS: APPLICATION DISCONTINUED
STAP	INFORMATION ON STATUS: APPEAL PROCEDURE
STPD	INFORMATION ON STATUS: PATENT DISCONTINUED
STPG	INFORMATION ON STATUS: PATENT GRANTED
STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL
STPR	INFORMATION ON STATUS: PATENT REINSTATED

INPADOC database:

Examples for current activities and plans

Patent authority	Description
BE	Preparing to process BE legal event data in electronic format
BR	Complete revision of workflow
DE	Complete revision of workflow
EP	Complete revision of workflow; integration of data on EP patents with unitary effect
ES	Data on supplementary protection certificates: Delivery resumed
HR	Preparing to process HR legal event data
LU	Preparing to process LU legal event data in electronic format
MD	Preparing to process data on the validation of EP patents in MD
UA	Reviewing UA test data; preparing to process UA legal event data

Thank you for your attention!

Christian Soltmann

Patent Data Services

European Patent Office

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