

ST.27 - ANNEX V

COMMON SCENARIO GUIDANCE DOCUMENT

*Revision approved by the Committee on WIPO Standards (CWS)
at its seventh session on September 19, 2024*

TABLE OF CONTENTS

INTRODUCTION	2
STRUCTURE OF DOCUMENT	2
STRUCTURE OF COMMON SCENARIOS	2
Scenario 1: Application abandoned and revived.....	3
Example: DE	3
Example: EP	5
Example: GB.....	6
Example: KR.....	8
Example: US	10
Scenario 2: Ownership transfer / assignment and licensing changes	12
Example: EP	12
Example: JP	13
Example: GB.....	14
Example: KR	16
Scenario 3: IP right review and patent revoked	19
Example: DE	19
Example: EP	21
Example: JP	22
Example: GB.....	23
Example: KR	25
Example: US	28
Scenario 4: SPC or PTE granted / issued	30
Example: DE	30
Example: GB.....	31
Example: JP	33
Example: KR	34
Example: US	38
Scenario 5: Utility model registered / granted and then lapsed	41
Example: DE	41
Example: JP	42
Example: KR	43

INTRODUCTION

1. WIPO Standard ST.27 is aimed to provide a standardized model which describes national, regional or international legal status events of a patent or supplementary protection certificate (SPC) in a global manner that is understandable to a user who lacks an in-depth understanding of the specific laws and/or prosecution practices of the prosecuting intellectual property office (IPO). The events of Standard ST.27 consist of Categories, Key events and Detailed events.
2. It is recommended that IPOs map their national/regional events to the events defined in Standard ST.27, so that a user can understand the legal status of an application or IP right without in-depth knowledge of the specific national or regional prosecution practices. IPOs should attempt to map their national/regional event to a Detailed event(s) and/or a Key event(s). If it is not possible for an IPO to map their national/regional event to either a Key event or a Detailed event, the IPO should map it to a Category.
3. The IPO should map their national or regional events to the standardized events and/or categories on the basis of their titles and descriptions, the examples provided in this Standard, the Overall Patent/SPC Prosecution Model, and the scenarios included in this Guidance Document. The list of events provided in the descriptions of the categories and key events are examples only and do not limit the scope of the category or key event.
4. This Guidance Document is intended to help IPOs on how to map their national/regional events to the Key events, Detailed events, and Categories defined in Standard ST.27. It provides examples of possible event histories that can be used to describe a particular scenario. The Guidance Document includes event histories for actual patents or SPCs as well as for theoretical situations, which can be specific to an IPO or unspecific, in which case no national/regional events or dates will be included.

STRUCTURE OF DOCUMENT

5. This Guidance Document contains several common scenarios of situations that are common across many IPOs, and shows how several different IPOs map their national/regional events to ST.27 events. This is intended to illustrate the general principles of mapping to ST.27.

STRUCTURE OF COMMON SCENARIOS

6. Each common scenario starts with a general description of the situation it covers. In some scenarios, two alternate scenarios are described where each IPO implements only one of them, such as for SPCs and PTEs. After the scenario description, a number of examples from different IPOs are provided. Each example illustrates how that IPO records the described scenario in national/regional events, and how it maps those national/regional events to ST.27 events. The differences between IPOs may provide helpful information for understanding the process of mapping national/regional events to ST.27 events.
7. Examples in this section have two parts. The first part contains basic information, including, the application or patent number so that the official records in the IPO's national/regional register can be located. A portion of the national/regional event data relevant to the scenario is shown and a table mapping the national/regional events to ST.27 events is included. The second part shows how the ST.27 data would be formatted for exchange with other IPOs, including data associated with the events such as type of right, application number, patent number, etc. The formatting shown here is only conceptual; the actual exchange would transform the data into XML according to WIPO ST.96.

Scenario 1: Application abandoned and revived

Description

A national/regional patent application was filed with an IPO and a substantive examination was commenced. The application was abandoned by the applicant during prosecution for a reason provided by national/regional law, such as failure to respond to an office action. Later, the applicant successfully revived the application, including paying any necessary fees.

Example: DE

1. Mappings to ST.27

Basic Information

- Application number: 10 2013 017 921.1
- Type of IP right: National patent

Link to national Patent register: <https://register.dpma.de/DPMAREgister/pat/register?AKZ=1020130179211>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
R000	The application is under preliminary examination	A10	Application filed	24.10.2013	This is the first national event reported in case of a new patent application; due to this fact, the key event A10 was assigned to reach the initial stage "Filing"; a differentiation between national, regional or international applications is not possible with this event
R012	Request for examination effectively filed	D11	Substantive examination requested	27.11.2013	
R004	Pre-registration procedure has been concluded	A00	not mapped	11.12.2013	This national event indicates the end of the filing procedure; with this event, no stage change is executed so no key event is mapped; a detailed event indicated a corresponding step does not exist, consequently no detailed event is mapped; only a category assignment is provided; category A was chosen because this national event is related to filing

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
R015	Official communication on examination	D15	Examination report issued	23.07.2014	
R016	Reply to official communication	P00	Not reported	07.03.2015	A written statement of the applicant was received. If this is an amendment or correction or something else can only be decided reading the content of the statement. Due to this reason only the category P was chosen and specific event was assigned. A mapping to event P13 was skipped, because this is not always an amendment in response to a request by the applicant.
R200	Publication of application (Offenlegungsschrift)	Q12	Application published	30.04.2015	
R119	Application is deemed to be withdrawn due to non-payment of annual fee/ IP right has lapsed due to non-payment of annual fee	B12	Application deemed to be withdrawn, abandoned or lapsed	03.05..2016	This national event is might either to category B or to category H, depending on the granting of the IP right
R073	Reinstatement requested	C11	Application revival requested	13.04.2017	This national event is might either to category C or to category K, depending on the granting of the IP right
R074	Reinstatement granted	C10	Application revived	14.05.2017	This national event is might either to category C or to category K, depending on the granting of the IP right. This event may occur without an explicit request, so the key event was chosen instead of detailed event C13.

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
R015	Official communication on examination	D15	Examination report issued	31.01.2019	

2. Data in ST.27 Format

(a) ST.3 Office code: DE

(b) Data file creation date: 01.04.2019

(c) Document identification

i. Application number: 10 2013 017 921.1

ii. Type of IP right: National patent

iii. Optional:

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
20131024	R000	A10	A-0-1-A10-A00-R000	
20131127	R012	D11	A-1-2-D10-D11-R012	
20131211	R004	A00	A-0-0-A00-A00-R004	
20140723	R015	D15	A-2-2-D00-D15-R015	
20150307	R016	P00	A-0-0-P00-P00-R016	
20150430	R200	Q12	A-0-0-Q10-Q12-R200	
20160503	R119	B12	N-0-6-B10-B12-R119	
20170413	R073	C11	N-6-6-C00-C11-R073	
20170514	R074	C10	A-6-0-C10-C00-R074	
20190131	R015	D15	A-2-2-D00-D15-R015	

Example: EP

1. Mappings to ST.27

Basic Information

- Application number: EP05795962
- Type of IP right: Regional patent

Link to INPADOC legal event history in Espacenet:

https://worldwide.espacenet.com/publicationDetails/inpadoc?CC=EP&NR=1804761B1&KC=B1&FT=D&ND=1&date=20150902&DB=&locale=en_EP#

National/Regional Event		ST.27 Event		Event date	Remarks
code	description	code	title		
17P	Request for examination filed	D11	Substantive examination requested	2008.05.14	
17Q	First examination report despatched	D15	Examination report issued	2009.04.22	
18D	Application deemed to be withdrawn	B12	Application deemed to be withdrawn, abandoned or lapsed	2010.12.01	
18RA	Request filed for re-establishment of rights before grant	C11	Application revival requested	2011.04.20	
18RR	Decision to grant the request for re-establishment of rights before grant	C13	Application revived following an application revival request	2012.01.04	
D18D	Application deemed to be withdrawn (deleted)	Y10	Event information corrected or deleted	2012.01.04	

2. Data in ST.27 Format

(a) ST.3 Office code: EP

(b) Data file creation date: 2019.05.01

(c) Document identification:

i. Application number: EP05795962

ii. Type of IP right: Regional patent

iii. Optional: Patent number: EP1804761B1, Filing language code: EN, Filing date: 20050907

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2008.05.14	17P	D11	A-2-2-D10-D11-17P	
2009.04.22	17Q	D15	A-2-2-D00-D15-17Q	
2010.12.01	18D	B12	N-2-6-B10-B12-18D	
2011.04.20	18RA	C11	N-6-6-C00-C11-18RA	
2012.01.04	18RR	C13	A-6-2-C10-C13-18RR	
2012.01.04	D18D	Y10	A-0-0-Y10-Y10-D18D	

Example: GB

1. Mappings to ST.27

Basic Information

- Application Number: GB1219221.7
- Type of IP right: National patent

Link to national Patent register: <https://www.ipo.gov.uk/p-ipsum/Case/ApplicationNumber/GB1219221.7>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
N/A	GB application filed	A12	National or regional application filed	2012.10.25	Data extracted from our patents journal but can also be found in 'Case Notes' section of IPSUM (Applicant's Name) Apparatus and method of augmented reality Date Lodged: 25 October 2012 GB1219221.7
N/A	Examination requested	D11	Substantive examination requested	2012.10.25	
N/A	Examination report issued	D15	Examination report issued	2013.05.02	Data taken from our document management system rather than our register.
N/A	Terminated after S16	B10	Application discontinued	2017.08.16	Data taken from our patents journal as details of termination removed from the register once the application is restored GB1219221.7
N/A	Application for reinstatement	C11	Application revival requested	2018.03.05	Filed on 2018.02.28
N/A	Application reinstated by order of the Comptroller-General	C13	Application revived following an application revival request	2018.03.05	Reinstated on 2018.03.05 subject to special terms for third parties

2. Data in ST.27 Format

- (a) ST.3 Office code: GB
- (b) Data file creation date: 2019.05.01
- (c) Document identification
 - i. Application number:
 - ii. Type of IP right: National patent
 - iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date, Invention title

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2012.10.25 (effective date used as no register event)	X000	A12	A-0-1-A10-A12-X000	Effective Country Code Gazette Number & Publication Date Priority Country Code, Document Number and Filing Date Applicant name(s)
2012.10.25 (effective date used as no register event)	X000	D11	A-1-2-D10-D11-X000	Effective Country Code
2013.05.02 (effective date used as no register event)	X000	D15	A-2-2-D00-D15-X000	Effective Country Code
2017.08.16 (effective date used as no register event)	X000	B10	N-2-6-B10-B00-X000	Effective Country Code Reason Not In Force Category
2018.03.05	X000	C11	N-6-6-C00-C11-X000	Effective Country Code
2018.03.05	X000	C13	A-6-2-C10-C13-X000	Effective Country Code Third Party Terms Indicator

Example: KR

1. Mappings to ST.27

Basic Information

- Application number: 10-2007-7010267
- Type of IP right: National patent

Link to national Patent register: <http://eng.kipris.or.kr/enghome/main.jsp>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
PA0105	Document under Article 203 of Patent Act	A15	PCT application entered into the national phase	2007.05.04	

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
	Request for Amendment	P11	Amendment of application requested	2007.07.03	
	[Amendment to Description, etc.] Amendment	P13	Application amended	2007.08.30	
	[Amendment to Patent Application, etc.] Amendment	P13	Application amended	2007.09.10	
	[Appointment of Sub-agent] Report on Agent (Representative)	R17	Change to representative recorded	2007.09.10	
	[Appointment of Agent] Report on Agent (Representative)	R17	Change to representative recorded	2007.09.10	
	Notice for Disposition of Invalidation	B12	Application deemed to be withdrawn, abandoned or lapsed	2007.09.10	
	[Period Expiry Reconsideration] Request for Extension of Period (Reduction, Expiry Reconsideration)	C11	Application revival requested	2007.09.13	
	Notice for Disposition of Revocation for Disposition of Invalidation	C13	Application revived following an application revival request	2007.09.28	
PG1501	Laying Open of Application	Q12	Application published	2007.10.25	

2. Data in ST.27 Format

(a) ST.3 Office code: KR

(b) Data file creation date: 2019.05.01

(c) Document identification

i. Application number: 10-2007-7010267

ii. Type of IP right: National patent

iii. Optional: Patent/SPC number(10-1276080), Applicant file reference, Filing language code, Application filing category, Filing date

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2007.05.04	PA0105	A15	A-0-1-A10-A15-PA0105	

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2007.07.03	X000	P11	A-1-1-P10-P11-X000	
2007.08.30	X000	P13	A-1-1-A10-P13-X000	
2007.09.10	X000	P13	A-1-1-A10-P13-X000	
2007.09.10	X000	R17	A-1-1-A10-R17-X000	
2007.09.10	X000	R17	A-1-1-A10-R17-X000	
2007.09.10	X000	B12	N-1-6-B10-B12-X000	
2007.09.13	X000	C11	N-6-6-C00-C11-X000	
2007.09.28	X000	C13	A-6-1-C10-C13-X000	
2007.10.25	PG1501	Q12	A-1-1-A10-Q12-PG1501	

Example: US

1. Mappings to ST.27

Basic Information

- Application number: 15/331,931
- Type of IP right: National patent

Link to national Patent register: <https://portal.uspto.gov/pair/PublicPair>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	Code	title		
IEXX	Initial Exam Team nn	A10	Application filed: An application for an IP right was filed.	2016.24.10	15/331,931 Actual filing date granted may be different depending on documentation provided.
MABN2	Mail Abandonment for Failure to Respond to Office Action	B12	Application deemed to be withdrawn, abandoned or lapsed	2017.19.12	The actual abandonment date is earlier than the mailing of the notice.
PET.	Petition Entered	C11	Application revival requested	2018.11.05	
MPREV	Mail-Petition to Revive Application - Granted	C13	Application revived following an application revival request (An application was revived, reinstated or restored following an application revival request.)	2018.11.05	

2. Data in ST.27 Format

- (a) ST.3 Office code: US
- (b) Data file creation date: 2019.05.01
- (c) Document identification
 - i. Application number: 15/331,931
 - ii. Type of IP right: National patent
 - iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2016.24.10	IEXX	A10	A-1-A10- A10-IEXX	
2017.19.12	MABN2	B12	A-1-B10-B12- MABN2	
2018.11.05	PET.	C11	A-1-C10-C11- PET.	
2018.11.05	MPREV	C13	A-1-C10-C13- MPREV	

Scenario 2: Ownership transfer / assignment and licensing changes

Description

A national/regional patent application was granted following substantive examination. Several years later the patent was sold to a new owner and subsequently licensed to a third party. The license was later cancelled and the owner continued to pay the relevant renewal fees to keep the patent in force.

Example: EP

1. Mappings to ST.27

Basic Information

- Application number: EP08714471
- Type of IP right: Regional patent

Link to INPADOC legal event history in Espacenet:

https://worldwide.espacenet.com/publicationDetails/inpadoc?CC=EP&NR=2178625B1&KC=B1&FT=D&ND=1&date=20160928&DB=&locale=en_EP#

National/Regional Event		ST.27 Event		Event date	Remarks
code	description	code	title		
					Patent granted: 20160928
RAP2	RIGHTS OF A PATENT TRANSFERRED	R14	Transfer of ownership recorded	2016.12.28	
RAP2	RIGHTS OF A PATENT TRANSFERRED	R14	Transfer of ownership recorded	2016.12.28	
RAP2	RIGHTS OF A PATENT TRANSFERRED	R14	Transfer of ownership recorded	2016.12.28	
111L	LICENCE RECORDED	S10	Licensing information recorded	2017.06.21	

2. Data in ST.27 Format

- (a) ST.3 Office code: EP
- (b) Data file creation date: 2019.05.01
- (c) Document identification
 - i. Application number: EP08714471
 - ii. Type of IP right: Regional patent
 - iii. Optional: Patent number: EP2178625B1, Filing language code: EN, Filing date: 20080326
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2016.12.28	RAP2	R14	A-0-0-R10-R14-RAP2	7. New Party Name: IGNITE RESOURCES PTY LTD
2016.12.28	RAP2	R14	A-0-0-R10-R14-RAP2	7. New Party Name: LICELLA FIBRE FUELS PTY LTD
2016.12.28	RAP2	R14	A-0-0-R10-R14-RAP2	7. New Party Name: LICELLA PTY LIMITED
2007.05.02	111L	S10	A-0-0-S10-S10-111L	1. Effective country or region: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LT LU LV MC MT NL NO PL PT RO SE SI SK TR 11. Name of Licensee: CANFOR PULP LTD 12. Country code of licensee: CA

Example: JP

1. Mappings to ST.27

Basic Information

- Application number: JP 2009-138XXX
- Type of IP right: National patent

Link to national Patent register:

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
	Request for a Patent	A12	National or regional application filed	2009.06.08	
	Request for Examination	D11	Substantive examination requested	2010.04.26	In JPO practice, an applicant needs to request for substantive examination in order to start examination.
	Decision to Grant a Patent	D22	Grant of IP right intended	2010.08.30	
	Payment notice of fee for patent	U11	Full renewal or maintenance fee paid	2010.09.21	
	Certificate of patent	Q16	A copy of IP right certificate issued	2010.10.12	
	Application for establishment registration of exclusive license (contract/licensing)	S14	Exclusive voluntary license recorded	2011.11.02	

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
	Payment notice of fee for patent	U11	Full renewal or maintenance fee paid	2013.09.27	

2. Data in ST.27 Format

- (a) ST.3 Office code: JP
- (b) Data file creation date: 2019.04.02
- (c) Document identification
 - iv. Application number: JP 2009-138XXX
 - v. Type of IP right: National patent
 - vi. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2009.06.08	X000	A12	A-2-2-A10-A12-X000	
2010.04.26	X000	D11	A-2-2-D10-D11-X000	
2010.08.30	X000	D22	A-2-4-D10-D22-X000	
2010.09.21	X000	U11	A-4-4-U10-U11-X000	
2010.10.12	X000	Q16	A-4-4-Q10-Q16-X000	
2011.11.02	X000	S14	A-4-4-S10-S14-X000	
2013.09.27	X000	U11	A-4-4-U10-U11-X000	

Example: GB

1. Mappings to ST.27

Basic Information

- Application number: GB0409479.3
- Type of IP right: National patent

Link to national Patent register: <https://www.ipo.gov.uk/p-ipsum/Case/ApplicationNumber/GB0409479.3>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
N/A	Grant of patent (Notification under Section 18(4))	F11	IP right granted following substantive examination	2005.06.07	

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
N/A	Application under Section 32	R11	Change to the name of applicant or owner or transfer of ownership requested	2013.11.27	Filed on 2013.11.25 (Effective date)
N/A	(Name and Address) registered as applicant/proprietor in place of (Name and Address) by virtue of assignment	R14	Transfer of ownership recorded	2014.01.16	Filed on 2013.11.13. Form 21 and documents viewable on patent number GB2396631.
N/A	Notice of licence to (Name and Address)	S14	Voluntary license recorded	2014.01.16	Filed on 2013.12.19. Form 21 and documents kept on GB2396631.
N/A	Notification of termination of a licence.	S16	S16 Recordation of voluntary license cancelled	2017.04.25	Dated 2016.02.25 registration is entered at 2014.01.16. Form 21 and documents filed on GB2396631
N/A	Payment of renewal fee	U11	Renewal or maintenance fee paid	2018.10.24	

2. Data in ST.27 Format

(a) ST.3 Office code: GB

(b) Data file creation date: 2019.05.01

(c) Document identification

vii. Application number: GB0409479.3

viii. Type of IP right: National patent

ix. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2005.06.07	X000	F11	A-2-4-F10-F11-X000	Effective Country Code Gazette Number Owner Name(s) Priority Country Code, Document Number and Filing Date Inventor Name(s) CPC Classification(s)
2013.11.27	X000	R11	A-4-4-R00-R11-X000	Effective Country Code

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2014.01.16	X000	R14	A-4-4-R10- R14-X000	Effective Country Code Comment Text Party Change Category Previous Party Bag New Party Bag Ownership Transfer Date LegalDocumentCategory (new)
2014.01.16	X000	S14	A-4-4-S10- S14-X000	Effective Country Code Comment Text Licence Date Licence Category Licensee details
2017.04.25	X000	S16	A-4-4-S10- S16-X000	Effective Country Code Comment Text Licence End Date Licence Category
2018.10.24	X000	U11	A-4-4-U10- U11-X000	Effective Country Code

Example: KR

1. Mappings to ST.27

Basic Information

- Application number: 10-2011-0020365
- Type of IP right: National patent

Link to national Patent register: <http://eng.kipris.or.kr/enghome/main.jsp>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
PA0109 PA0201	[Patent Application] Patent Application	A12 D11	National application filed Substantive examination requested	2011.03.08	
	Request for Prior Art Search	D13	Search requested	2012.06.22	
	Report of Prior Art Search	D14	Search report issued	2012.07.20	
PE0701	Decision to grant	D22	Grant of IP right intended	2012.08.31	
PG1501	Laying Open of Application	Q12	Application published	2012.09.18	
	Notification of change of applicant's information	R18	Changes to party contact information recorded	2012.10.24	

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
PR1002 PR0701	[Patent-Registration Fee] Payment Form Payment of Registration Fee Registration of Establishment	U11 F11	Full renewal or maintenance fee paid IP right granted following substantive examination	2012.11.30	
PG1601	Publication of Registration	Q13	IP right document published	2012.12.06	
	Notification of change of applicant's information	R18	Changes to party contact information recorded	2012.12.24	
	Integrated management of display change of obligees of registration			2012.12.24	
	Transfer of Right of Joint Owner	R14	Transfer of ownership recorded	2012.12.27	
	Registration of confirmation of the joint-ownership portion			2013.01.07	
	Registration for Establishment of Non- exclusive License	S17	Non-exclusive voluntary license recorded	2016.01.12	
	Integrated management of display change of obligees of registration	R18	Changes to party contact information recorded	2016.01.13	
	Registration for Establishment of Exclusive License	S14	Exclusive voluntary license recorded	2016.03.03	

2. Data in ST.27 Format

- (a) ST.3 Office code:
- (b) Data file creation date: 2019.05.01
- (c) Document identification
 - i. Application number:
 - ii. Type of IP right: National patent
 - iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2011.03.08	PA0109	A12	A-0-1-A10-A12- PA0109	
2011.03.08	PA0201	D11	A-1-2-D10-D11- PA0201	
2012.06.22	X000	D13	A-2-2-D10-D13-X000	
2012.07.20	X000	D14	A-2-2-D10-D14-X000	
2012.08.31	PE0701	D22	A-2-2-D10-D22- PE0701	
2012.09.18	PG1501	Q12	A-2-2-D10-Q12- PG1501	
2012.10.24	X000	R18	A-2-2-D10-R18-X000	
2012.11.30	PR1002	U11	A-2-4-F10-U11- PR1002	
2012.11.30	PR0701	F11	A-4-4-F10-F11- PR0701	
2012.12.06	PG1601	Q13	A-4-4-F10-A13- PG1601	
2012.12.24	X000	R18	A-4-4-F10-R18-X000	
2012.12.27	X000	R14	A-4-4-F10-R14-X000	
2016.01.12	X000	S17	A-4-4-F10-S17-X000	
2016.01.13	X000	R18	A-4-4-F10-R18-X000	
2016.03.03	X000	S14	A-4-4-F10-S14-X000	

Scenario 3: IP right review and patent revoked

Description

A national/regional patent application was filed with an IPO and the request for a substantive examination was filed at a later date. The patent was granted without any objection. Several years after the grant, an IP right review to invalidate the patent was initiated by a third party. After review, the IPO decided to revoke the patent completely.

Example: DE

1. Mappings to ST.27

Basic Information

- Application number: 10 2005 011 790.2
- Type of IP right: National patent

Link to national Patent register: <https://register.dpma.de/DPMAregister/pat/register?AKZ=1020050117902>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
R000	The application is under preliminary examination	A10	Application filed	11.Mar.2005	This is the first national event reported in case of a new patent application; due to this fact, the key event A10 was assigned to reach the initial stage "Filing"; a differentiation between national, regional or international applications is not possible with this event
R012	Request for examination effectively filed	D11	Substantive examination requested	8.Apr.2005	
R004	Pre-registration procedure has been concluded	A00	not mapped	12.May.2005	This national event indicates the end of the filing procedure; with this event, no stage change is executed so no key event is mapped; a detailed event indicated a corresponding step does not exist, consequently no detailed event is mapped; only a category assignment is provided; category A was chosen because this national event is related to filing

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
R079	Change of IPC main class	P22	Classification modified	17.10.2005	
R015	Official communication on examination	D15	Examination report issued	30.Mar.2006	
R018	Decision to grant patent by Examining Section/Patent Division	D22	Grant of IP right intended	26.Jul.2006	
R203	Patent specification	Q13	IP right document published	23.Nov.2006	
R020	Grant of patent has become final	F11	IP right granted following substantive examination	23.Feb.2007	This national event is might be mapped either to category F or to category M, depending on the granting of the IP right
R039	Action brought for declaration of nullity	L15	Invalidation requested	19.Jul.2011	
R008	Case file pending with Federal Patent Court	W00	not mapped	19.Jul.2011	This national event is used to indicate a further processing by Federal Patent Court. This event is used in several procedure, so category W was chosen
R042	Final declaration of nullity of patent in full	H12	IP right ceased following an IP right review	11.Aug.2015	
R078	Other <with further information such as lien, etc>	W10	Other event occurred	24.Dec.2015	This national event is used to inform about a specific situation or treatment with a corresponding free text reported in DPMAregister. Due to the reason, key event W10 was chosen to emphasize that import information might be available in nation register

2. Data in ST.27 Format

- (a) ST.3 Office code: DE
- (b) Data file creation date: 01.04.19
- (c) Document identification
 - i. Application number: 10 2005 011 790.2
 - ii. Type of IP right: National patent
 - iii. Optional
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
20050311	R000	A10	A-0-1-A10-A00-R000	
20050408	R012	D11	A-1-2-D10-D11-R012	
20050512	R004	A00	A-0-0-A00-A00-R004	
20051017	R079	P22	A-0-0-P10-P22-R079	
20060330	R015	D15	A-2-2-D00-D15-R015	
20060726	R018	D22	A-0-0-D00-D22-R079	
20061123	R203	Q13	A-0-0-Q10-Q13-R203	
20070223	R020	F11	A-0-4-F10-F11-R020	
20110719	R039	L15	A-4-5-L10-L15-R039	
20111019	R008	W00	A-0-0-W00-W00-R008	
20150811	R042	H12	N-5-6-H10-H12-R042	
20151224	R078	W10	N-0-0-W10-W00-R078	

Example: EP

1. Mappings to ST.27

Basic Information

- Application number: EP04010143
- Type of IP right: Regional patent

Link to INPADOC legal event history in Espacenet:

https://worldwide.espacenet.com/publicationDetails/inpadoc?CC=EP&NR=1475141B1&KC=B1&FT=D&ND=&date=20120118&DB=&locale=en_EP#

National/Regional Event		ST.27 Event		Event date	Remarks
code	description	code	title		
					Patent granted: 20120118
26	OPPOSITION FILED	L11	Post-grant opposition filed	2012.11.21	
27W	PATENT REVOKED	H10	IP right ceased	2017.10.04	

2. Data in ST.27 Format

- (a) ST.3 Office code: EP
- (b) Data file creation date: 2019.05.01
- (c) Document identification
 - i. Application number: EP04010143
 - ii. Type of IP right: Regional patent
 - iii. Optional: Patent number: EP1475141B1, Filing language code: EN, Filing date: 20040429
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2012.11.21	26	L11	A-4-5-L10-L11-26	4. Party Name: HELBIG, CHRISTIAN, DR
2017.10.04	27W	H10	N-5-6-H10-H10-27W	

Example: JP

1. Mappings to ST.27

Basic Information

- Application number: JP 2011-192XXX
- Type of IP right: National patent

Link to national Patent register:

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
	Request for a Patent	A12	National or regional application filed	2011.09.02	
	Request for Examination	D11	Substantive examination requested	2013.06.04	In JPO practice, an applicant needs to request for substantive examination in order to start examination.
	Notice of Reasons for Refusal	D15	Examination report issued	2014.06.03	

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
	Decision to Grant a Patent	D22	Grant of IP right intended	2015.04.21	
	Registration fee payment	U11	Full renewal or maintenance fee paid	2015.05.21	
	Written opposition	L11	Post-grant opposition filed	2016.01.29	
	Decision on Opposition	H12	IP right ceased following an IP right review	2017.04.07	

2. Data in ST.27 Format

(a) ST.3 Office code: JP

(b) Data file creation date: 2019.04.02

(c) Document identification

i. Application number: JP 2011-192XXX

ii. Type of IP right: National patent

iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2011.09.02	X000	A12	A-2-2-A10-A12-X000	
2013.06.04	X000	D11	A-2-2-D10-D11-X000	
2014.06.03	X000	D15	A-2-2-D10-D15-X000	
2015.04.21	X000	D22	A-2-4-D10-D22-X000	
2015.05.21	X000	U11	A-4-4-U10-U11-X000	
2016.01.29	X000	L11	A-4-5-L10-L11-X000	
2017.04.07	X000	H12	A-5-5-H10-H12-X000	

Example: GB

1. Mappings to ST.27

Basic Information

- Application number: GB9930876.9
- Type of IP right: National patent

Link to national Patent register: <https://www.ipo.gov.uk/p-ipsum/Case/ApplicationNumber/GB9930876.9>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
N/A	GB application filed	A12	National or regional application filed	1999.12.30	Data extracted from our patents journal but can also be found in 'Case Notes' section of IPSUM <i>(Applicant's name)</i> <i>Improvements in and relating to liquid dispensing apparatus</i> <i>Date Lodged: 30 December 1999</i> <i>GB9930876.9</i>
N/A	Examination requested	D11	Substantive Examination requested	2002.01.03	
N/A	Grant of patent (Notification under Section 18(4))	F11	IP right granted following substantive examination	2003.08.05	
N/A	Form 12 filing date	U11	Renewal or maintenance fee paid	2003.12.12	
N/A	S73(2) action taken	L15	Invalidation requested	2010.11.22	on 22 November 2010 in view of EP(UK) 1246702
N/A	Patent Revoked	H12	IP Right ceased following an IP right review	2011.10.10	

2. Data in ST.27 Format

(a) ST.3 Office code: GB

(b) Data file creation date: 2019.05.01

(c) Document identification

i. Application number:

ii. Type of IP right: National patent

iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date, Invention Title

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
1999.12.30 (effective date used as	X000	A12	A-0-1-A10-A12-X000	Effective Country Code Gazette Number & Publication Date

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
no register event)				Priority Country Code, Document Number and Filing Date Applicant name(s)
2002.01.03 (effective date used as no register event)	X000	D11	A-2-2-D10-D11-X000	Effective Country Code
2003.08.05	X000	F11	A-2-4-F10-F11-X000	Effective Country Code Gazette Number Owner Name(s) Priority Country Code, Document Number and Filing Date Inventor Name(s) CPC Classification(s)
2003.12.12	X000	U11	A-4-4-U10-U11-X000	Effective Country Code
2010.11.22	X000	L15	A-4-5-L10-L15-X000	Effective Country Code
2011.10.10	X000	H12	T-5-6-H10-H12-X000	Effective Country Code

Example: KR

1. Mappings to ST.27

Basic Information

- Application number: 10-2016-0053202
- Type of IP right: National patent

Link to national Patent register: <http://eng.kipris.or.kr/enghome/main.jsp>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
PA0109 PA0201	[Patent Application] Patent Application	A12 D11	National application filed Substantive examination requested	2016.04.29	
	[Appointment of Agent] Report on Agent (Representative)	R17	Change to representative recorded	2016.08.24	

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
PA0302	[Request for Preferential Examination] Request for Examination (Request for Preferential Examination)	D16	Fast track examination requested	2016.08.26	
	[Request for Preferential Examination] Request for Prior Art Search	D13	Search requested	2016.08.30	
	[Request for Preferential Examination] Report of Prior Art Search	D14	Search report issued	2016.09.02	
	Notice of decision on preferential examination	D17	Fast track examination accepted	2016.10.14	
PE0902	Notification of reason for refusal	D15	Examination report issued	2016.10.14	
	[Amendment to Description, etc.] Amendment	P13	Application amended	2016.11.14	
	[Opinion according to the Notification of Reasons for Refusal] Written Opinion(Written Reply, Written Substantiation)			2016.11.14	
	Record of an Interview			2016.12.01	
	[Opinion according to the Notification of Reasons for Refusal] Written Opinion(Written Reply, Written Substantiation)			2016.12.14	
	[Amendment to Description, etc.] Amendment	P13	Application amended	2016.12.14	
	Notification of Withdrawal Deemed of Amendment	P12	Request for amendment of application rejected	2016.12.16	
PE0701	Decision to grant	D22	Grant of IP right intended	2016.12.30	
PR1002 PR0701	[Patent Registration Fee] Payment Form Payment of Registration Fee Registration of Establishment	U11 F11	Full renewal or maintenance fee paid IP right granted following substantive examination	2017.01.06	

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
PG1601	Publication of Registration	Q13	IP right document published	2017.01.12	
PJ0204	[Request for Trial] Request for Trial	L15	Invalidation requested	2017.03.29	
PJ1301	Invalidation Trial Decision (Patent, Utility Model, Industrial Design)	H12	IP right ceased following an IP right review	2017.10.30	Decision
	Notification of Final Determination of Trial Decision	H12	IP right ceased following an IP right review	2018.01.25	Notification of conclusive and final trial decision

2. Data in ST.27 Format

- (a) ST.3 Office code: KR
- (b) Data file creation date: 2019.05.01
- (c) Document identification
 - i. Application number:
 - ii. Type of IP right: National patent
 - iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2016.04.29	PA0109	A12	A-0-1-A10-A12- PA0109	
2016.04.29	PA0201	D11	A-1-2-D10-D11- PA0201	
2016.08.24	X000	R17	A-2-2-D10-R17-X000	
2016.08.26	PA0302	D16	A-2-2-D10-D16- PA0302	
2016.08.30	X000	D13	A-2-2-D10-D13-X000	
2016.09.02	X000	D14	A-2-2-D10-D14-X000	
2016.10.14	X000	D17	A-2-2-D10-D17-X000	
2016.10.14	PE0902	D15	A-2-2-D10-D15- PE0902	
2016.11.14	X000	P13	A-2-2-D10-P13-X000	
2016.12.01	X000	-	A-2-2-D10-D00-X000	
2016.12.14	X000	P13	A-2-2-D10-P13-X000	
2016.12.16	X000	P12	A-2-2-D10-P12-X000	

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2016.12.30	PE0701	D22	A-2-2-D10-D22- PE0701	
2017.01.06	PR1002	U11	A-2-4-F10-U11- PR1002	
2017.01.06	PR0701	F11	A-4-4-F10-F11- PR0701	
2017.01.12	PG1601	Q13	A-4-4-F10-Q13- PG1601	
2017.03.29	PJ0204	L15	A-4-5-L10-L15- PJ0204	
2017.10.30	PJ1301	H12	N-5-6-H10-H12- PJ1301	
2018.01.25	X000	H12	T-6-6-H10-H12-X000	

Example: US

1. Mappings to ST.27

Basic Information

- Application number: 11/336,758
- Type of IP right: National patent

Link to national Patent register: <https://portal.uspto.gov/pair/PublicPair>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
IEXX	Initial Exam Team nn	A10.	Application filed: An application for an IP right was filed.	2006.19.01	11/336,758 Actual filing date granted may be different depending on documentation provided.
n/a	N/A	Q10	Document published: A document was published by the IPO. This includes, but is not limited to publication of an application, IP right document or bibliographic information.	2006.08.06	US 2006-0118619 A1
PGM/	Issue Date of Patent:	F10	IP right granted: An IP right was granted in full or amended form after an examination, a pre-grant review or an appeal.	2008.26.02	7,334,720

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
TRIALPET	Petition Requesting Trial	L10	IP right review requested: An IP right review was requested. This includes, but is not limited to a request for a postgrant opposition, re-examination, limitation, reissue, surrender, or invalidation.	2014.31.03	Post grant review – The user will need to read actual petition documents to assess the status. This was the earliest request received.
REVCM	Review Certificate Mailed	H10	IP right ceased: An IP right has ceased. This includes, but is not limited to when an IP right has ceased following an IP right review or an appeal, due to a refusal to revive, or because of a lapse or expiry.	2019.12.03	Post Grant Review Certificate

2. Data in ST.27 Format

(a) ST.3 Office code: US

(b) Data file creation date: 2019.05.01

(c) Document identification

i. Application number:

ii. Type of IP right: National patent

iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2006.19.01	IEXX	A10.	A-1-A10-IEXX	
2006.08.06	n/a	Q10	A-0-Q10-	
2008.26.02	PGM/	F10	A-4-F10-PGM/	
2014.31.03	TRIALPET	L10	A-5-L10-TRIALPET	
2019.12.03	REVCM	H10	A-5-H10-REVCM	

Scenario 4: SPC or PTE granted / issued

Description

- (a) The applicant applied for a Supplementary Protection Certificate to extend the duration of their rights. The Supplementary Protection Certificate was granted and the patent protection adjusted accordingly.
- or
- (b) A national patent application was filed with an IPO and a patent was subsequently granted. The applicant then applied for a Patent Term Extension to extend the duration of their rights. The Patent Term Extension was granted and the patent protection adjusted accordingly.

Example: DE

1. Mappings to ST.27

Basic Information

- Application number: 12 2013 000 069.4
- Type of IP right: Supplementary Protection Certificate

Link to national Patent register: <https://register.dpma.de/DPMAregister/pat/register?AKZ=1220130000694>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
R065	Application for supplementary protection certificate effectively filed	A10	Application filed	16.Aug.2013	This is the first national event reported in case of a new supplementary protection certificate; due to this fact, the key event A10 was assigned to reach the initial stage "Filing"; in Germany a supplementary protection certificate is treated as a separate IP right with a separate application number and a separate data file; with this event such a new application has come to live.
R067	Decision to grant supplementary protection certificate by Patent Division	D22	Grant of IP right intended	5.Apr.2017	
R069	Supplementary protection certificate granted	F12	IP right granted following formality examination	12.May.2017	

2. Data in ST.27 Format

- (a) ST.3 Office code: DE
- (b) Data file creation date: 01.01.19
- (c) Document identification
- i. Application number: 12 2013 000 069.4
 - ii. Type of IP right: Supplementary Protection Certificate

iii. Optional

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
20130816	R065	A10	A-0-1-A10-A00-R065	
20170405	R067	D22	A-0-0-D00-D22-R067	
20170512	R069	F12	A-2-4-F10-F12-R069	

Example: GB

1. Mappings to ST.27

Basic Information

- Application number: SPC/GB05/031
- Type of IP right: SPC

Link to national Patent register: <https://www.ipo.gov.uk/p-ipsu/Case/ApplicationNumber/EP01204920.1>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
N/A	Application for a supplementary protection certificate filed	A12	National or regional application filed	2005.05.13	SPC/GB05/031 in respect of "Cinacalcet" was filed on 09 May 2005.
N/A	Application for a supplementary protection certificate granted	F12	IP right granted following formality examination	2005.11.22	The UKIPO does not use D22 – Grant of IP right intended. SPC/GB05/031 in respect of "Cinacalcet or a pharmaceutically acceptable salt or complex thereof" was granted on 22 November 2005 with a maximum period expiring on 21 October 2019.
N/A	Application for a supplementary protection certificate entered into force	W10	N/A - see remarks column for further info	2015.10.28	Talks are ongoing as to whether a new legal status event is required for this, but for now we have mapped to W10. SPC/GB05/031 in respect of "Cinacalcet or a pharmaceutically acceptable salt or complex thereof" entered into force on 23 October 2015 with a maximum period expiring on 21 October 2019.

2. Data in ST.27 Format

- (a) ST.3 Office code: GB
- (b) Data file creation date: 2019.05.01
- (c) Document identification
 - i. Application number: SPC/GB05/031
 - ii. Type of IP right: Supplementary Protection Certificate
 - iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date, Invention Title, Product Description (SPC), Latest Expiry Date (SPC), Entered Into Force Date (SPC)
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2005.05.13	X000	A12	A-0-1-A10-A12-X000	Parent publication number: EP1203761 Effective Country Code Gazette Number Priority Country Code, Document Number and Filing Date Applicant name(s)
2005.11.22	X000	F12	A-2-4-F10-F12-X000	Effective Country Code
2015.10.28	X000	W10	A-4-4-W10-W00-X000	Effective Country Code Comment Text

Example: JP

1. Mappings to ST.27

Basic Information

- Application number: JP 1997-504XXX
- Type of IP right: National patent

Link to national Patent register:

National/Regional Event		ST.27 Event		Exact Date	Remarks
code	description	code	title		
	Request for a Patent	A12	National or regional application filed	1996.06.03	Original application for patent. Unlike SPCS, PTE is not a separate type of IP right.
	Request for Examination	D11	Substantive examination requested	1998.03.25	In JPO practice, an applicant needs to request for substantive examination in order to start examination.
	Decision to Grant a Patent	D22	Grant of IP right intended	2002.04.02	
	Registration fee payment	U11	Full renewal or maintenance fee paid	2002.04.10	
	Certificate of patent	Q16	A copy of IP right certificate issued	2002.04.30	
	Request for a Patent	G18	PTE requested	2015.06.23	

National/Regional Event		ST.27 Event		Exact Date	Remarks
code	description	code	title		
	Decision to Grant a Patent	G20	PTE granted	2016.02.16	The event date corresponds to the date the PTE was granted and not necessarily when the extended protection begins.
	Payment notice of fee for patent	U11	Full renewal or maintenance fee paid	2016.04.01	

2. Data in ST.27 Format

(a) ST.3 Office code: JP

(b) Data file creation date: 2019.04.02

(c) Document identification

i. Application number: JP 1997-504XXX

ii. Type of IP right: National patent

iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
1996.06.03	X000	A12	A-2-2-A10-A12-X000	
1998.03.25	X000	D11	A-2-2-D10-D11-X000	
2002.04.02	X000	D22	A-2-4-D10-D22-X000	
2002.04.10	X000	U11	A-4-4-U10-U11-X000	
2002.04.30	X000	Q16	A-4-4-Q10-Q16-X000	
2015.06.23	X000	G18	A-4-4-G10-G18-X000	Application number for PTE: JP 2015-700XXX
2016.02.16	X000	G20	A-4-4-G10-G20-X000	
2016.04.01	X000	U11	A-4-4-U10-U11-X000	

Example: KR

1. Mappings to ST.27

Basic Information

- Application number: 10-2009-0086079, 10-2017-0077332
- Type of IP right: National patent

Link to national Patent register: <http://eng.kipris.or.kr/enghome/main.jsp>
http://www.kipo.go.kr/kpo/user.tdf?a=user.html.HtmlApp&c=4020&catmenu=m03_03_08

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
PA0109	[Patent Application] Patent Application (10-2009-0086079)	A12	National application filed	2009.09.11	
	[Certificate of Priority] Submission of Document	P18	Priority claim added or amended	2009.09.23	
PG1501	Laying Open of Application	Q12	Application published	2010.03.19	
	[Amendment to Description, etc.] Amendment	P13	Application amended	2011.02.16	
PA0201	[Request for Examination] Request for Examination (Request for Preferential Examination)	D11	Substantive examination requested	2011.10.04	
	[Amendment to Description, etc.] Amendment	P13	Application amended	2011.10.04	
PA0107	[Divisional Application] Patent Application	A16	Divisional application filed	2012.03.13	
PE0902	Notification of reason for refusal	D15	Examination report issued	2013.05.31	
	[Amendment to Description, etc.] Amendment	P13	Application amended	2013.07.31	
	[Opinion according to the Notification of Reasons for Refusal] Written Opinion(Written Reply, Written Substantiation)			2013.07.31	
	Notification of change of applicant's information	R18	Changes to party contact information recorded	2013.08.26	
PE0701	Decision to grant	D22	Grant of IP right intended	2013.12.24	
PR1001 PR0701	[Patent-Registration Fee] Payment Form	U11 F11	Full renewal or maintenance fee paid IP right granted following substantive examination	2014.03.24	
PG1601	Publication of Registration	Q13	IP right document published	2014.03.31	

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
PR1001	[Payment] Year 4 - 4	U11	Full renewal or maintenance fee paid	2016.12.29	
PA0101	Application to Register Extension of Patent Right Term by Permission, etc. (10-2017-0077332)	G18	PTE requested	2017.06.19	
	Publication of Patent Application to Register Extension of Patent Right Term by Permission, etc.	Q12	Application published	2017.06.27	
	Request for Amendment	P11	Amendment of application requested (by KIPO)	2017.10.18	
	[Designated Period Extension] Application of Period Extension(Reduction, Progress relief)	T11	Administrative time limit extension requested	2017.11.17	
	[Amendment to Patent Application, etc.] Amendment	P13	Application amended	2017.12.18	
PR1001	[Payment] Year 5 - 5 Payment of Annual Fee	U11	Full renewal or maintenance fee paid	2017.12.28	
	Notification of reason for refusal	D15	Examination report issued	2018.04.10	
	[Amendment to Patent Application, etc.] Amendment	P13	Application amended	2018.09.10	
	[Opinion according to the Notification of Reasons for Refusal] Written Opinion(Written Reply, Written Substantiation)			2018.09.10	
PR1001	[Payment] Year 6 - 6 Payment of Annual Fee	U11	Full renewal or maintenance fee paid	2018.12.27	
	Decision to Register Extension of Patent Right Term by Permission, etc.	G20	PTE granted	2019.01.15	

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
	Publication of Decision to Register Extension of Patent Right Term by Permission, etc.	Q13	IP right document published	2019.01.18	

2. Data in ST.27 Format

- (a) ST.3 Office code: KR
- (b) Data file creation date: 2019.05.01
- (c) Document identification
 - i. Application number:
 - ii. Type of IP right: National patent
 - iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2009.09.11	PA0109	A12	A-0-1-A10-A12- PA0109	
2009.09.23	X000	P18	A-1-1-A10-P18-X000	
2010.03.19	PG1501	Q12	A-1-1-A10-Q12- PG1501	
2011.02.16	X000	P13	A-1-1-A10-P13-X000	
2011.10.04	PA0201	D11	A-1-2-D10-D11- PA0201	
2011.10.04	X000	P13	A-2-2-D10-P13-X000	
2012.03.13	PA0107	A16	A-2-2-D10-A16- PA0107	
2013.05.31	PE0902	D15	A-2-2-D10-D15- PE0902	
2013.07.31	X000	P13	A-2-2-D10-P13-X000	
2013.08.26	X000	R18	A-2-2-D10-R18-X000	
2013.12.24	PE0701	D22	A-2-2-D10-D22- PE0701	
2014.03.24	PR1001	U11	A-2-4-F10-U11- PR1001	
2014.03.24	PR0701	F11	A-4-4-F10-F11- PR0701	
2014.03.31	PG1601	Q13	A-4-4-F10-Q13- PG1601	
2016.12.29	PR1001	U11	A-4-4-F10-U11- PR1001	
2017.06.19	PA0101	G18	A-4-2-G10-G18- PA0101	
2017.06.27	X000	Q12	A-2-2-D10-Q12-X000	

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2017.10.18	X000	P11	A-2-2-D10-P11-X000	
2017.11.17	X000	T11	A-2-2-D10-T11-X000	
2017.12.18	X000	P13	A-2-2-D10-P13-X000	
2017.12.28	PR1001	U11	A-2-2-D10-U11- PR1001	
2018.04.10	X000	D15	A-2-2-D10-D15-X000	
2018.09.10	X000	P13	A-2-2-D10-P13-X000	
2018.12.27	PR1001	U11	A-2-2-D10-U11- PR1001	
2019.01.15	X000	G20	A-2-4-G10-G20-X000	
2019.01.18	X000	Q13	A-4-4-G10-Q13-X000	

Example: US

1. Mappings to ST.27

Basic Information

- Application number: 13/549,373
- Type of IP right: National patent

Link to national Patent register: <https://portal.uspto.gov/pair/PublicPair>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
IEXX	Initial Exam Team nn	A10	Application filed: An application for an IP right was filed.	2012.13.07	13/549,373 Actual filing date granted may be different depending on documentation provided.
PG-ISSUE	PG-Pub Issue Notification	Q10	Document published: A document was published by the IPO. This includes, but is not limited to publication of an application, IP right document or bibliographic information.	2012.08.11	US 2012-0283818 A1
PGM/	Issue Date of Patent:	F10	IP right granted: An IP right was granted in full or amended form after an examination, a pre-grant review or an appeal.	2013.16.04	8,419,788

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
PTER	Patent Term Extension Application under 35 USC 156 Filed	G18	PTE requested (A Patent Term Extension (PTE) was requested.)	2014.14.04	An application for patent term extension is submitted by the owner of record of the patent or its agent.
PTEC	Patent Term Extension Certificate	G20	PTE granted (A Patent Term Extension (PTE) was granted.)	2018.27.03	<p>A certificate of extension of patent term is issued if the USPTO determines that the patent is eligible for extension. The certificate becomes part of the official patent record.</p> <p>Note:</p> <p>If the application has been determined to be ineligible for patent term extension, an appropriate Notice of Final Determination-Ineligible is mailed to applicant which dismisses the application and sets forth the basis for the dismissal. The applicant is given a period, usually two months, in which to seek reconsideration of the determination. If a PTE application is denied, remedy for the PTE applicant is via an Administrative Procedure Act (APA) suit in Federal District Court.</p>

2. Data in ST.27 Format

- (a) ST.3 Office code: US
- (b) Data file creation date: 2019.05.01
- (c) Document identification
 - i. Application number:
 - ii. Type of IP right: National patent
 - iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date

(d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2012.13.07	IEXX	A10	A-1-A10-IEXX	
2012.08.11	PG- ISSUE	Q10	A-1-Q10-PG-ISSUE	
2013.16.04	PGM/	F10	A-4-F10-PGM/	
2014.14.04	PTER	G18	A-5-G18-PTER	
2018.27.03	PTEC	G20	A-5-G20-PTEC	

Scenario 5: Utility model registered / granted and then lapsed

Description

- (a) A utility model application was filed with an IPO. After a formality examination, the IP right was granted and entered into the national register. The owner paid the maintenance fee for the first year. Afterwards the utility model lapsed for failure to make the next maintenance payment.
- or
- (b) Same scenario, but with a substantive examination in addition to the formality examination.

Example: DE

1. Mappings to ST.27

Basic Information

- Application number: 20 2013 005 057.8
- Type of IP right: National utility model

Link to national Patent register: <https://register.dpma.de/DPMAreger/pat/register?AKZ=2020130050578>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
R000	The application is under preliminary examination	A10	Application filed	4.06.2013	This is the first national event reported in case of a new utility model; due to this fact, the key event A10 was assigned to reach the initial stage "Filing".
R160	Registration of utility model	F12	IP right granted following formality examination	11.09.2013	
R207	Utility model specification	Q13	IP right document published	31.10.2013	
R156	IP right lapsed after expiry of 3 years	H13	IP right lapsed	3.01.2017	

2. Data in ST.27 Format

- (a) ST.3 Office code: DE
- (b) Data file creation date: 01.01.19
- (c) Document identification
- i. Application number: 20 2013 005 057.8
 - ii. Type of IP right: National utility model
 - iii. Optional:
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
20130604	R000	A10	A-0-1-A10-A00-R000	
20130911	R160	F12	A-2-4-F10-F12-R069	
20131013	R207	Q13	A-0-0-Q10-Q13-R207	
20170103	R156	H13	N-0-6-H10-H13-R156	

Example: JP

1. Mappings to ST.27

Basic Information

- Application number: JP 2006-008XXX
- Type of IP right: National Utility Model

Link to national Patent register:

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
	Request for an Utility Model	A12	National or regional application filed	2006.12.01	
	Certificate of utility model registration	Q16	A copy of IP right certificate issued	2007.02.13	JPO has non-examination system in utility model.
	Payment notice of fee for registration of utility model	U11	Full renewal or maintenance fee paid	2010.02.01	
	Cancellation due to non-payment of annual fee Expiration date of term of right	U13	Renewal or maintenance fee not paid	2011.01.31	
	Expiration date of right	H13	IP right lapsed	2011.01.31	

2. Data in ST.27 Format

- (a) ST.3 Office code: JP
- (b) Data file creation date: 2019.04.02
- (c) Document identification
 - iv. Application number: JP 1997-504XXX
 - v. Type of IP right: National patent
 - vi. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2006.12.01	X000	A12	A-2-2-A10-A12-X000	
2007.02.13	X000	Q16	A-2-4-Q10-Q16-X000	
2010.02.01	X000	U11	A-4-4-U10-U11-X000	
2011.01.31	X000	U13	U-4-0-U10-U13-X000	
2011.01.31	X000	H13	U-0-0-H10-H13-X000	

Example: KR

1. Mappings to ST.27

Basic Information

- Application number: 20-2013-0008135
- Type of IP right: Utility Model

Link to national Patent register: <http://eng.kipris.or.kr/enghome/main.jsp>

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
UA0108 UA0201	[Utility Model Registration Application] Application for Utility Model Registration	A12 D11	National application filed Substantive examination requested	2013.10.02	
	[Appointment of Agent] Report on Agent (Representative)	R17	Change to representative recorded	2014.05.13	
	Request for Prior Art Search	D13	Search requested	2014.08.09	
	Report of Prior Art Search	D14	Search report issued	2014.09.15	
UE0902	Notification of reason for refusal	D15	Examination report issued	2014.11.26	
	[Opinion according to the Notification of Reasons for Refusal] Written Opinion(Written Reply, Written Substantiation)			2015.01.20	
	[Amendment to Description, etc.] Amendment	P13	Application amended	2015.01.20	
UG1501	Laying open of Application	Q12	Application published	2015.04.10	
UE0701	Decision to grant	D22	Grant of IP right intended	2015.04.20	

National/Regional Event		ST.27 Event		Event Date	Remarks
code	description	code	title		
UR1002 UR0701	[Patent-Registration Fee] Payment Form Payment of Registration Fee Registration of Establishment	U11 F11	Full renewal or maintenance fee paid IP right granted following substantive examination	2015.05.28	
UG1601	Publication of Registration	Q13	IP right document published	2015.06.03	
	Notification of change of applicant's information	R18	Changes to party contact information recorded	2016.12.16	
UC1903	Unpaid Annual Fee	U13	Renewal or maintenance fee not paid	2018.05.29	
	Registration of Extinguishment	H13	IP right lapsed	2019.03.08	Date of the Occurrence of Cause of Registration: 2018.05.29. Cause of Registration: Default of Registration Fee

2. Data in ST.27 Format

- (a) ST.3 Office code: KR
- (b) Data file creation date: 2019.05.01
- (c) Document identification
 - i. Application number:
 - ii. Type of IP right: National patent
 - iii. Optional: Patent/SPC number, Applicant file reference, Filing language code, Application filing category, Filing date
- (d) Event data

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2013.10.02	UA0108	A12	A-0-1-A10-A12-UA0108	
2013.10.02	UA0201	D11	A-1-2-D10-D11- UA0201	
2014.05.13	X000	R17	A-2-2-R10-R17-X000	
2014.08.09	X000	D13	A-2-2-D10-D13-X000	
2014.09.15	X000	D14	A-2-2-D10-D14-X000	
2014.11.26	UE0902	D15	A-2-2-D10-D15- UE0902	
2015.01.20	X000	P13	A-2-2-D10-P13-X000	

Event Date	Nat. Code	ST.27 Code	Status Event Code	Supplementary Data (optional)
2015.04.10	UG1501	Q12	A-2-2-D10-Q12- UG1501	
2015.04.20	UE0701	D22	A-2-2-D10-D22- UE0701	
2015.05.28	UR1002	U11	A-2-4-F10-U11- UR1002	
2015.05.28	UR0701	F11	A-4-4-F10-F11- UR0701	
2015.06.03	UG1601	Q13	A-4-4-F10-Q13- UG1601	
2016.12.16	X000	R18	A-4-4-F10-R18-X000	
2018.05.29	UC1903	U13	A-4-4-U00-U13- UC1903	
2019.03.08	X000	H13	T-4-6-H10-H13-X000	

[Annex VI follows]