

Estonian Patent Office
Register of European Patents Valid in Estonia
01.01.2019 - 31.12.2019 Statistical Basic Report

I Granted European patents

1. Number of patents, entered into and deleted from the register during the period of 01.01.2019 - 31.12.2019

Table 1

Accounting period	Granted patents		Deleted patents		Restored patents
	Total	incl. patents belonging to the Estonian residents	Total	incl. patents belonging to the Estonian residents	
01.01.2019 - 31.12.2019	1 977	9	1 087	3	6

2. Patents, entered into the register during the period of 01.01.2019 - 31.12.2019 broken down according to the International Patent Classification (IPC)

Table 2

Section of the IPC	Granted patents	
	number	percentage
1. Section A Human necessities	685	34,65%
2. Section B Performing operations; transporting	193	9,76%
3. Section C Chemistry; metallurgy	597	30,20%
4. Section D Textiles; paper	9	0,46%
5. Section E Fixed constructions	81	4,10%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	78	3,95%
7. Section G Physics	102	5,16%
8. Section H Electricity	232	11,73%
Total	1 977	100,00%

3. Patents, entered into the register during the period of 01.01.2019 - 31.12.2019 broken down according to the applicant's country of residence

Table 3

Country code	Granted patents	
	number	percentage
AD	1	0,05%
AE	1	0,05%
AG	4	0,20%
AT	33	1,67%
AU	16	0,81%
BE	62	3,14%
BM	3	0,15%
BR	1	0,05%
CA	9	0,46%
CH	113	5,72%
CN	25	1,26%
CW	6	0,30%
CY	4	0,20%
CZ	8	0,40%
DE	212	10,72%
DK	42	2,12%
EE	9	0,46%
ES	30	1,52%

FI	82	4,15%
FO	2	0,10%
FR	101	5,11%
GB	101	5,11%
GR	6	0,30%
HU	4	0,20%
IE	16	0,81%
IL	20	1,01%
IN	17	0,86%
IT	75	3,79%
JP	71	3,59%
KN	1	0,05%
KR	25	1,26%
KY	2	0,10%
LK	1	0,05%
LU	16	0,81%
LV	1	0,05%
MX	3	0,15%
MY	1	0,05%
NL	68	3,44%
NO	17	0,86%
NZ	4	0,20%
PL	20	1,01%
PT	7	0,35%
RU	7	0,35%
SC	1	0,05%
SE	74	3,74%
SG	5	0,25%
SI	4	0,20%
SK	2	0,10%
TR	4	0,20%
TW	5	0,25%
US	631	31,92%
VG	1	0,05%
VN	1	0,05%
ZA	2	0,10%
Total	1 977	100,00%

II European Patents belonging to the Estonian residents entered into the register

4. Patents belonging to the Estonian residents, entered into and deleted from the register during the period of 01.01.2019 - 31.12.2019

Table 4

Accounting period	Granted patents	Deleted patents
01.01.2019 - 31.12.2019	9	3

5. Patents belonging to the Estonian residents entered into the register during the period of 01.01.2019 - 31.12.2019 broken down according to the International Patent Classification (IPC)

Table 5

Section of the IPC	Granted patents	
	number	percentage
1. Section A Human necessities	2	22,22%
2. Section B Performing operations; transporting	2	22,22%
3. Section C Chemistry; metallurgy	0	0,00%
4. Section D Textiles; paper	0	0,00%
5. Section E Fixed constructions	0	0,00%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	3	33,33%
7. Section G Physics	1	11,11%
8. Section H Electricity	1	11,11%
Total	9	100,00%

6. Patents belonging to the Estonian residents entered into the register during the period of 01.01.2019 - 31.12.2019 broken down according to counties

Table 6

County	Granted patents	
	number	percentage
Harju maakond	1	0,00%
Ida-Viru maakond	1	11,11%
Saare maakond	2	22,22%
Tallinn	4	44,44%
Viljandi maakond	1	11,11%
Total	9	88,89%

III Valid European patents

7. Patents valid as of 31.12.2019 broken down according to the year of application

Table 7

Year of application	Valid patents	
	number	percentage
2002	321	2,96%
2003	632	5,82%
2004	707	6,52%
2005	712	6,56%
2006	800	7,37%
2007	725	6,68%
2008	784	7,23%
2009	832	7,67%
2010	854	7,87%
2011	927	8,54%
2012	913	8,41%
2013	1 010	9,31%
2014	784	7,23%
2015	553	5,10%
2016	242	2,23%
2017	51	0,47%
2018	3	0,03%
Total	10 850	100,00%

8. Patents valid as of 31.12.2019 broken down according to the International Patent Classification (IPC)

Table 8

Section of the IPC	Valid patents	
	number	percentage
1. Section A Human necessities	3 829	35,29%
2. Section B Performing operations; transporting	942	8,68%
3. Section C Chemistry; metallurgy	3 924	36,17%
4. Section D Textiles; paper	52	0,48%
5. Section E Fixed constructions	468	4,31%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	398	3,67%
7. Section G Physics	432	3,98%
8. Section H Electricity	805	7,42%
Total	10 850	100,00%

9. Patents valid as of 31.12.2019 broken down according to the applicant's country of residence

Table 9

Country Code	Valid patents	
	number	percentage
AD	3	0,03%
AE	5	0,05%
AG	5	0,05%
AN	3	0,03%
AR	2	0,02%
AT	178	1,64%
AU	66	0,61%
BB	1	0,01%

BE	377	3,47%
BG	2	0,02%
BM	19	0,18%
BR	2	0,02%
BS	8	0,07%
CA	77	0,71%
CH	950	8,76%
CL	3	0,03%
CN	90	0,83%
CU	4	0,04%
CW	20	0,18%
CY	22	0,20%
CZ	28	0,26%
DE	1 377	12,69%
DK	214	1,97%
EE	22	0,20%
ES	170	1,57%
FI	371	3,42%
FO	2	0,02%
FR	674	6,21%
GB	520	4,79%
GR	21	0,19%
HK	7	0,06%
HU	41	0,38%
IE	113	1,04%
IL	73	0,67%
IN	64	0,59%
IS	2	0,02%
IT	503	4,64%
JP	444	4,09%
KN	1	0,01%
KR	138	1,27%
KY	8	0,07%
KZ	1	0,01%
LB	2	0,02%
LI	7	0,06%
LK	1	0,01%
LT	2	0,02%
LU	101	0,93%
LV	8	0,07%
MT	5	0,05%
MU	2	0,02%
MX	31	0,29%
MY	6	0,06%
NL	332	3,06%
NO	102	0,94%
NZ	10	0,09%
PA	1	0,01%
PH	1	0,01%
PL	52	0,48%
PR	2	0,02%
PT	27	0,25%
QA	1	0,01%
RO	3	0,03%
RS	1	0,01%
RU	25	0,23%

SA	1	0,01%
SC	1	0,01%
SE	449	4,14%
SG	29	0,27%
SI	16	0,15%
SK	4	0,04%
TN	1	0,01%
TR	13	0,12%
TW	21	0,19%
UA	1	0,01%
US	2 937	27,07%
VG	13	0,12%
VN	2	0,02%
ZA	9	0,08%
Total	10 850	100,00%

IV Valid European patents belonging to the Estonian residents

10. Patents belonging to the Estonian residents valid as of 31.12.2019

Table 10

Year of application	Valid patents	
	number	percentage
2009	2	9,09%
2010	1	4,55%
2011	5	22,73%
2012	1	4,55%
2013	4	18,18%
2014	3	13,64%
2015	3	13,64%
2016	1	4,55%
2017	2	9,09%
Total	22	100,00%

11. Patents belonging to the Estonian residents valid as of 31.12.2019 broken down according to the International Patent Classification (IPC)

Table 11

Section of the IPC	Valid patents	
	number	percentage
1. Section A Human necessities	5	22,73%
2. Section B Performing operations; transporting	8	36,36%
3. Section C Chemistry; metallurgy	2	9,09%
4. Section D Textiles; paper	0	0,00%
5. Section E Fixed constructions	0	0,00%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	4	18,18%
7. Section G Physics	2	9,09%
8. Section H Electricity	1	4,55%
Total	22	100,00%

12. Patents belonging to the Estonian residents valid as of 31.12.2019 broken down according to counties

Table 12

County	Valid patents	
	number	percentage
Harju maakond	1	4,55%
Ida-Viru maakond	1	4,55%
Saare maakond	2	9,09%
Tallinn	12	54,55%
Tartu	3	13,64%
Tartu maakond	1	4,55%
Viljandi maakond	2	9,09%
Total	22	100,00%