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SUBJECT: Statistics 2019

SUBMITTED BY: President of the European Patent Office

ADDRESSEES: Budget and Finance Committee (for information)

SUMMARY

Annual compendium of statistics on the activity at the EPO and at the member state offices in 2019.

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I. STRATEGIC/OPERATIONAL

1. Operational

II. RECOMMENDATION

2. To take note

III. MAJORITY NEEDED

3. n.a.

IV. CONTEXT

4. Information to the BFC

V. RECOMMENDATION FOR PUBLICATION

5. Yes.

As its previous versions, this document has been compiled with the support of the national offices of the contracting states. Following the decision taken in 2015, subsequent editions of the document have been published. It is recommended to publish the current version as well.

VI. ANALYSIS

In the different phases of the patent procedures, the development is expressed in percentage change compared to the previous year. Where appropriate, numbers have been rounded.

A. KEY RESULTS

The key results for 2019 are:

- The number of applications at the EPO increased by 4% to ca 181 500.
- About 137 800 European patents (+8%) were published.
- National applications in the member states slightly decreased to 149 400 (-0.9%).

- 62% of all applications filed in the EPC area (EPO and national offices) originated from the member states.
- National patents granted in the member states increased by 6% to 66 800.

B. EUROPEAN PATENT APPLICATIONS FILED

See Annex 1.A

European patent applications are either direct European applications or PCT international applications entering the regional phase during the reporting period.

Based on the information available in July 2020, some 181 503 applications were filed for European patents in 2019. This was 4% above the latest 2018 figure.

Less than half of the applications (45.5%, -1.3%pts) originated from the EPC contracting states. The combined share of the three leading Asian countries slightly increased to 23.5%. The share of the U.S. remained stable (25.4%).

In 2019, EPC residents filed about 135 549 first filings in the EPC area (at EPO and at national offices). Of these 78% were filed at the national office of the applicant's residence, 18% were filed at the EPO and 4% were filed at another EPC national office.

The first filings made by EPC residents at the EPO accounted for 30% of all the applications filed by EPC residents at the EPO.

C. GRANT PROCEDURE

See Annex 1.B.a

The grant procedure has been completed for 98% of all applications for a European patent filed up until the end of 2014. For these applications the grant rate was 56%. Of those applications filed since the beginning of 2015, 40,5% of the procedures have been completed.

The number of published granted patents increased by 8% to 137 784 in 2019 (see Annex 1.C).

As per annex 1.B.d, on average (mean average), a search performed by the EPO was completed in 6.9 months (8.8 in 2018). The examination was completed 28.1 months after the examination request was validly filed with the EPO (31.8 in 2018). The decision by the opposition divisions was notified 18.7 months after the end of the opposition period (20.4 in 2018).

D. OPPOSITION PROCEDURE

See Annex 1.B.b

The number of patents for which the opposition period expired in 2019 increased to 133 714 by 24% and 2.7% of these patents were eventually opposed (3.2% in 2018). Considering that multiple parties can oppose the same patent, the average number of oppositions filed per opposed patent was 1.22 in 2019 (1.24 in 2018).

As shown in the annexed tables, the opposition rate varies among technologies and according to the country of residence of the patentees.

In 2019, 71.4% of the granted patents were maintained (opposition rejected or maintained in amended form) and 28.6% were revoked by the opposition divisions (27% in 2018).

E. APPEAL PROCEDURES

See Annex 1.B.c

The number of decisions to refuse a patent for which the appeal period expired in 2019 increased by 7% compared to 2018 to 8 611. Of these decisions to refuse a patent 1 256 (-5%) were appealed, leading to an ex parte appeal rate of 15% (16% in 2018).

The number of opposition decisions open for appeal decreased by 3% to 4 090. The number of decisions appealed decreased by 5% to 2 022 leading to a slightly lower inter partes appeal rate of 49% (50% in 2018).

Statistics on the outcome of the appeal procedures are available on the home page of the EPO Boards of Appeal (epo.org/law-practice/case-law-appeals/annual-report.html).

F. VALIDATION AND MAINTENANCE

See Annex 1.D

The figures presented in the annexes are based on the data available in the Post Grant Data System of the EPO and reflect the information provided by the national offices of the member states. They represent the situation as at the end of 2019 with respect to the validation and the maintenance of European granted patents in the member states as available in June 2020. A patent is considered as maintained until its abandonment is legally recorded and transmitted to the EPO.

The EP patents validated are maintained on average (median) 11 years. About 15% of the validated rights are maintained up until the expiration of the 20th patent-year.

As a consequence of the increase in granted patents since 2015, the number of those which were validated kept increasing in 2019. But they represent a slightly decreasing proportion of the potential rights granted by the EPO. The number of patents granted by the EPO and still in force in the contracting states at the end of the year decreased by 22% in 2019. Approximately 5.3 million patent rights granted by the EPO were in force at the end of 2019.

There are substantial differences in validation and patent maintenance rate between the designated member states. For patents filed between 2000 and 2019, the validation rate ranges vary widely.

G. NATIONAL PROCEDURE

See Annex 2

National patent applications are either direct national applications or, for member states where it is possible, PCT international applications entering the national phase during the reporting period.

Based on the data provided by the national offices by August 2020 149 400 applications for a national patent were filed in the member states in 2019. This represented a slight decrease compared to 2018 (-0.9%).

About 76% were filed by residents of the respective countries (75% in 2018), and 29% of the foreign applications were filed by residents of other EPC contracting states. Together 83% of the national patent applications in the EPC states were filed by residents of the EPC states (82% in 2018).

In 2019, overall 94% of the national applications filed by residents of the EPC member states at their respective home office were first filings.

It is calculated (estimating missing data) that about 141 600 national grant procedures were completed in 2019. Of these, 66 800 resulted in a granted patent. This is 6% higher than the number of patents granted by the national offices in 2018.

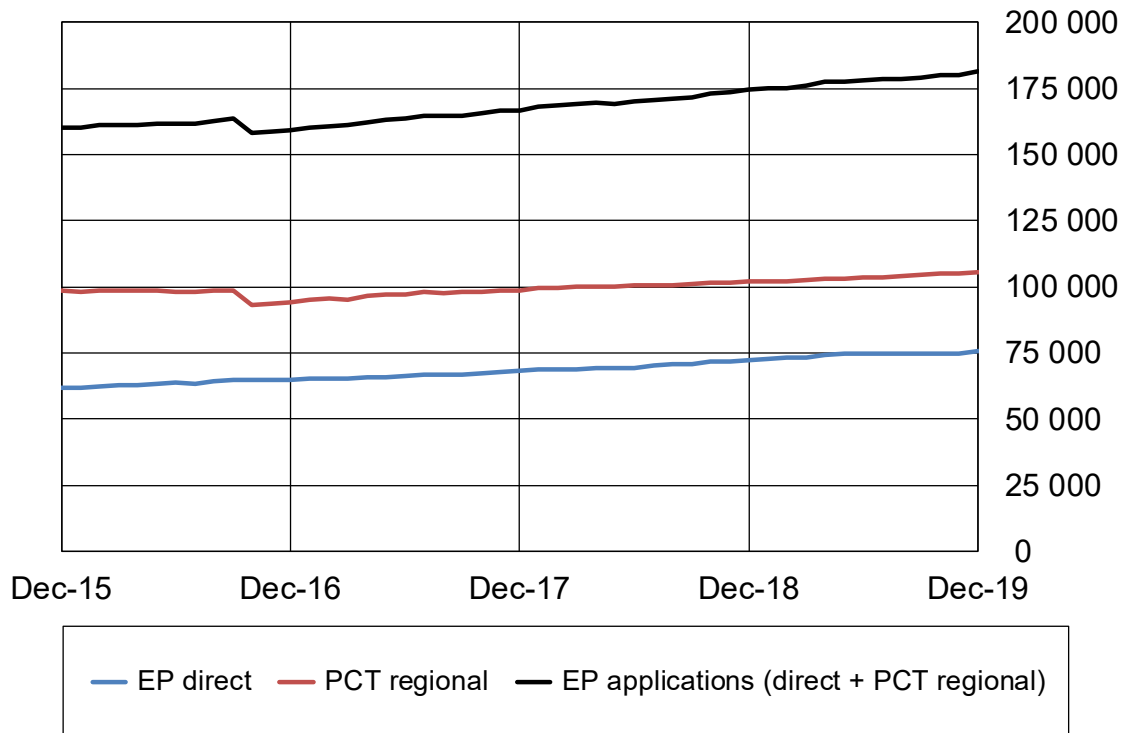
ANNEX 1 EUROPEAN PATENT PROCEDURES STATISTICS

A. EUROPEAN PATENT APPLICATIONS FILED

a) Filing route in 2019

| Category | Budget 2019 | Previous year 2018 | Actual 2019 Status July 2020 | Deviation to budget | | Deviation to previous year | |
|---------------------------|----------------|--------------------|------------------------------|---------------------|-------------|----------------------------|-------------|
| | | | | Number | % | Number | % |
| Euro-direct | 69 900 | 72 229 | 75 802 | 5 902 | 8.4% | 3 573 | 4.9% |
| PCT regional | 106 062 | 102 246 | 105 701 | - 361 | -0.3% | 3 455 | 3.4% |
| Total applications | 175 962 | 174 475 | 181 503 | 5 541 | 3.1% | 7 028 | 4.0% |

12 Months Moving Total



b) Origin and growth over 2018 (%)

| Country of origin | | EP direct | | PCT regional | | EP applications | |
|-------------------------------|----|---------------|-------------|----------------|--------------|-----------------|-------------|
| Albania | AL | 1 | | 1 | | 2 | |
| Austria | AT | 1 388 | 7.2% | 961 | -3.8% | 2 349 | 2.4% |
| Belgium | BE | 1 450 | 3.3% | 976 | 3.2% | 2 426 | 3.2% |
| Bulgaria | BG | 16 | 23.1% | 19 | 5.6% | 35 | 12.9% |
| Switzerland | CH | 4 981 | 7.5% | 3 283 | -1.7% | 8 264 | 3.6% |
| Cyprus | CY | 27 | 92.9% | 21 | -34.4% | 48 | 4.3% |
| Czech Republic | CZ | 109 | -14.2% | 93 | -23.1% | 202 | -18.5% |
| Germany | DE | 14 761 | -0.9% | 12 038 | 2.3% | 26 799 | 0.5% |
| Denmark | DK | 1 322 | -4.2% | 1 083 | 8.1% | 2 405 | 1.0% |
| Estonia | EE | 30 | 15.4% | 18 | -10.0% | 48 | 4.3% |
| Spain | ES | 1 217 | 13.4% | 672 | -5.0% | 1 889 | 6.1% |
| Finland | FI | 726 | 0.0% | 979 | -2.3% | 1 705 | -1.3% |
| France | FR | 4 791 | 1.4% | 5 441 | -5.1% | 10 232 | -2.2% |
| United Kingdom | GB | 2 547 | 22.9% | 3 590 | -2.9% | 6 137 | 6.4% |
| Greece | GR | 86 | 21.1% | 56 | 12.0% | 142 | 17.4% |
| Croatia | HR | 5 | 400.0% | 14 | 16.7% | 19 | 46.2% |
| Hungary | HU | 30 | -28.6% | 69 | -9.2% | 99 | -16.1% |
| Ireland | IE | 485 | 23.4% | 391 | -7.3% | 876 | 7.5% |
| Iceland | IS | 15 | 150.0% | 35 | 29.6% | 50 | 51.5% |
| Italy | IT | 2 122 | 5.3% | 2 341 | -2.1% | 4 463 | 1.3% |
| Liechtenstein | LI | 227 | -9.2% | 210 | 15.4% | 437 | 1.2% |
| Lithuania | LT | 14 | 0.0% | 15 | -34.8% | 29 | -21.6% |
| Luxembourg | LU | 151 | 10.2% | 263 | -8.7% | 414 | -2.6% |
| Latvia | LV | 14 | 100.0% | 8 | 33.3% | 22 | 69.2% |
| Monaco | MC | 14 | -26.3% | 11 | 120.0% | 25 | 4.2% |
| North Macedonia | MK | 1 | | 0 | | 1 | |
| Malta | MT | 26 | 23.8% | 32 | -3.0% | 58 | 7.4% |
| Netherlands | NL | 3 859 | 0.2% | 3 089 | -5.5% | 6 948 | -2.4% |
| Norway | NO | 173 | -8.9% | 462 | 8.5% | 635 | 3.1% |
| Poland | PL | 298 | -12.1% | 166 | -8.3% | 464 | -10.8% |
| Portugal | PT | 142 | 49.5% | 130 | 3.2% | 272 | 23.1% |
| Romania | RO | 27 | -25.0% | 13 | -7.1% | 40 | -20.0% |
| Serbia | RS | 2 | -60.0% | 7 | 75.0% | 9 | 0.0% |
| Sweden | SE | 1 564 | 21.1% | 2 833 | 2.0% | 4 397 | 8.1% |
| Slovenia | SI | 62 | -4.6% | 60 | 66.7% | 122 | 20.8% |
| Slovakia | SK | 23 | -4.2% | 19 | -26.9% | 42 | -16.0% |
| San Marino | SM | 4 | 0.0% | 4 | -20.0% | 8 | -11.1% |
| Turkey | TR | 127 | -45.5% | 343 | 0.6% | 470 | -18.1% |
| EPC contracting states | | 42 837 | 3.2% | 39 746 | -0.9% | 82 583 | 1.2% |
| P.R. China | CN | 2 697 | 14.1% | 9 506 | 33.2% | 12 203 | 28.5% |
| Japan | JP | 6 610 | -4.4% | 15 473 | -1.4% | 22 083 | -2.3% |
| Republic of Korea | KR | 3 291 | 21.4% | 5 038 | 11.2% | 8 329 | 15.0% |
| United States of America | US | 16 342 | 11.4% | 29 811 | 2.4% | 46 153 | 5.4% |
| Other countries | | 4 025 | -1.2% | 6 127 | 8.1% | 10 152 | 4.3% |
| Non EPC | | 32 965 | 7.3% | 65 955 | 6.1% | 98 920 | 6.5% |
| TOTAL | | 75 802 | 4.9% | 105 701 | 3.4% | 181 503 | 4.0% |

Status July 2020

c) First filings at the EPO

Number of Euro-direct first filings and percentage out of total EP applications filed per country and change of this percentage to the latest 2018 figures.

| Country of origin | | 2019 | | 2019 / 2018 |
|--------------------------|----|---------------|--------------|-------------|
| Albania | AL | 1 | 50.0% | |
| Austria | AT | 891 | 37.9% | 10.8% |
| Belgium | BE | 1050 | 43.3% | 5.5% |
| Bulgaria | BG | 6 | 17.1% | -40.0% |
| Switzerland | CH | 3 763 | 45.5% | 7.9% |
| Cyprus | CY | 17 | 35.4% | 325.0% |
| Czech Republic | CZ | 47 | 23.3% | -7.8% |
| Germany | DE | 7 836 | 29.2% | 3.5% |
| Denmark | DK | 1004 | 41.7% | -3.7% |
| Estonia | EE | 24 | 50.0% | 26.3% |
| Spain | ES | 1003 | 53.1% | 17.0% |
| Finland | FI | 446 | 26.2% | -5.3% |
| France | FR | 2 107 | 20.6% | 7.1% |
| United Kingdom | GB | 1071 | 17.5% | 37.7% |
| Greece | GR | 48 | 33.8% | 33.3% |
| Croatia | HR | 3 | 15.8% | 200.0% |
| Hungary | HU | 16 | 16.2% | -23.8% |
| Ireland | IE | 176 | 20.1% | 20.5% |
| Iceland | IS | 8 | 16.0% | 300.0% |
| Italy | IT | 515 | 11.5% | -0.4% |
| Liechtenstein | LI | 203 | 46.5% | -12.1% |
| Lithuania | LT | 5 | 17.2% | -16.7% |
| Luxembourg | LU | 51 | 12.3% | -22.7% |
| Latvia | LV | 12 | 54.5% | 100.0% |
| Monaco | MC | 5 | 20.0% | |
| North Macedonia | MK | 1 | 100.0% | |
| Malta | MT | 17 | 29.3% | 30.8% |
| Netherlands | NL | 3 032 | 43.6% | -1.4% |
| Norway | NO | 95 | 15.0% | -1.0% |
| Poland | PL | 167 | 36.0% | -11.6% |
| Portugal | PT | 47 | 17.3% | 42.4% |
| Romania | RO | 9 | 22.5% | -69.0% |
| Serbia | RS | 0 | 0.0% | -100.0% |
| Sweden | SE | 984 | 22.4% | 10.7% |
| Slovenia | SI | 34 | 27.9% | 13.3% |
| Slovakia | SK | 10 | 23.8% | 42.9% |
| San Marino | SM | 1 | 12.5% | 0.0% |
| Turkey | TR | 61 | 13.0% | -53.4% |
| EPC states | | 24 766 | 30.0% | 5.0% |
| P.R. China | CN | 402 | 3.3% | -9.9% |
| Japan | JP | 384 | 1.7% | 7.9% |
| Rep. Korea | KR | 59 | 0.7% | 15.7% |
| United States of America | US | 1 521 | 3.3% | 9.5% |
| Other countries | | 481 | 4.7% | -7.1% |
| Non EPC | | 2 847 | 2.9% | 3.2% |
| TOTAL | | 27 613 | 15.2% | 4.8% |

B. EUROPEAN PROCEDURES

a) Grant procedure

Fate of 100 applications filed from 1978 to 2014.

Fate of applications by filing route

| Procedural phase | | Euro-direct applications | PCT regional phase | Total |
|---------------------------|-----------|--------------------------|--------------------|-------|
| Before examination | Refused | 0 | 0 | 0 |
| | Withdrawn | 20 | 8 | 15 |
| Forwarded for examination | | 80 | 92 | 85 |
| Examination | Refused | 3 | 3 | 3 |
| | Withdrawn | 22 | 31 | 26 |
| | Granted | 55 | 57 | 56 |
| Total | | 100 | 100 | 100 |

Fate of 100 PCT international filings 1978-2014.

| | | |
|---------------------------------------|-----------|-----|
| Not pursued in the EPO regional phase | | 45 |
| Entered the European procedure | | 55 |
| Before examination | Refused | 0 |
| | Withdrawn | 4 |
| Forwarded for examination | | 51 |
| Examination | Refused | 2 |
| | Withdrawn | 17 |
| | Granted | 32 |
| Total | | 100 |

Fate of applications filed from 2015 to 2019.

Fate of applications by filing route

| Euro-direct | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | | |
|--------------------|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Applications filed | | 61 770 | 100.0% | 64 741 | 100.0% | 68 160 | 100.0% | 72 229 | 100.0% | 75 802 | 100.0% | |
| Before examination | Refused | 337 | 0.5% | 299 | 0.5% | 390 | 0.6% | 241 | 0.3% | 48 | 0.1% | |
| | Withdrawn | 18 732 | 30.3% | 18 729 | 28.9% | 19 006 | 27.9% | 13 297 | 18.4% | 4 171 | 5.5% | |
| | Not yet forwarded for examination: | | | | | | | | | | | |
| | Search completed | 25 | 0.0% | 31 | 0.0% | 132 | 0.2% | 10 232 | 14.2% | 15 412 | 20.3% | |
| | Search not completed | 83 | 0.1% | 55 | 0.1% | 52 | 0.1% | 135 | 0.2% | 30 146 | 39.8% | |
| Examination | Forwarded | 42 593 | 69.0% | 45 627 | 70.5% | 48 580 | 71.3% | 48 324 | 66.9% | 26 025 | 34.3% | |
| | Refused | 940 | 1.5% | 599 | 0.9% | 216 | 0.3% | 15 | 0.0% | 0 | 0.0% | |
| | Withdrawn | 5 564 | 9.0% | 4 237 | 6.5% | 2 260 | 3.3% | 505 | 0.7% | 13 | 0.0% | |
| | Granted | 24 215 | 39.2% | 20 883 | 32.3% | 13 400 | 19.7% | 2 957 | 4.1% | 8 | 0.0% | |
| | Examination not yet completed: | | 11 874 | 19.2% | 19 908 | 30.8% | 32 704 | 48.0% | 44 847 | 62.1% | 26 004 | 34.3% |

| PCT with supplementary search | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | | |
|--------------------------------------|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Applications filed | | 47 095 | 100.0% | 44 686 | 100.0% | 46 690 | 100.0% | 48 969 | 100.0% | 51 641 | 100.0% | |
| Before examination | Refused | 6 | 0.0% | 8 | 0.0% | 9 | 0.0% | 3 | 0.0% | 1 | 0.0% | |
| | Withdrawn | 5 962 | 12.7% | 5 116 | 11.4% | 5 111 | 10.9% | 2 964 | 6.1% | 443 | 0.9% | |
| | Not yet forwarded for examination: | | | | | | | | | | | |
| | Search completed | 3 | 0.0% | 10 | 0.0% | 59 | 0.1% | 1 718 | 3.5% | 744 | 1.4% | |
| | Search not completed | 23 | 0.0% | 22 | 0.0% | 38 | 0.1% | 1 991 | 4.1% | 37 169 | 72.0% | |
| Examination | Forwarded | 41 101 | 87.3% | 39 530 | 88.5% | 41 473 | 88.8% | 42 293 | 86.4% | 13 284 | 25.7% | |
| | Refused | 919 | 2.0% | 494 | 1.1% | 140 | 0.3% | 11 | 0.0% | 0 | 0.0% | |
| | Withdrawn | 7 231 | 15.4% | 4 849 | 10.9% | 2 491 | 5.3% | 436 | 0.9% | 28 | 0.1% | |
| | Granted | 20 157 | 42.8% | 14 754 | 33.0% | 8 487 | 18.2% | 1 552 | 3.2% | 14 | 0.0% | |
| | Examination not yet completed: | | 12 794 | 27.2% | 19 433 | 43.5% | 30 355 | 65.0% | 40 294 | 82.3% | 13 242 | 25.6% |

| PCT without supplementary search | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | | |
|---|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Applications filed | | 51 334 | 100.0% | 49 647 | 100.0% | 51 745 | 100.0% | 53 277 | 100.0% | 54 060 | 100.0% | |
| Before examination | Refused | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 1 | 0.0% | 0 | 0.0% | |
| | Withdrawn | 64 | 0.1% | 53 | 0.1% | 78 | 0.2% | 62 | 0.1% | 61 | 0.1% | |
| | Not yet forwarded for examination: | | | | | | | | | | | |
| | Search completed | 5 | 0.0% | 3 | 0.0% | 5 | 0.0% | 5 | 0.0% | 57 | 0.1% | |
| | Search not completed | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | |
| Examination | Forwarded | 51 265 | 99.9% | 49 591 | 99.9% | 51 662 | 99.8% | 53 209 | 99.9% | 53 942 | 99.8% | |
| | Refused | 811 | 1.6% | 558 | 1.1% | 234 | 0.5% | 38 | 0.1% | 0 | 0.0% | |
| | Withdrawn | 10 542 | 20.5% | 7 952 | 16.0% | 6 037 | 11.7% | 2 905 | 5.5% | 613 | 1.1% | |
| | Granted | 28 427 | 55.4% | 23 705 | 47.7% | 17 987 | 34.8% | 8 244 | 15.5% | 259 | 0.5% | |
| | Examination not yet completed: | | 11 485 | 22.4% | 17 376 | 35.0% | 27 404 | 53.0% | 42 022 | 78.9% | 53 070 | 98.2% |

| Total applications | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | | |
|---------------------------|------------------------------------|---------|--------|---------|--------|---------|--------|---------|---------|---------|--------|-------|
| Applications filed | | 160 199 | 100.0% | 159 074 | 100.0% | 166 595 | 100.0% | 174 475 | 100.0% | 181 503 | 100.0% | |
| Before examination | Refused | 343 | 0.2% | 307 | 0.2% | 399 | 0.2% | 245 | 0.1% | 49 | 0.0% | |
| | Withdrawn | 24 758 | 15.5% | 23 898 | 15.0% | 24 195 | 14.5% | 16 323 | 9.4% | 4 675 | 2.6% | |
| | Not yet forwarded for examination: | | | | | | | | | | | |
| | Search completed | 33 | 0.0% | 44 | 0.0% | 196 | 0.1% | 11 955 | 6.9% | 16 213 | 8.9% | |
| | Search not completed | 106 | 0.1% | 77 | 0.0% | 90 | 0.1% | 2 126 | 1.2% | 67 315 | 37.1% | |
| Examination | Forwarded | 134 959 | 84.2% | 134 748 | 84.7% | 141 715 | 85.1% | 143 826 | 82.4% | 93 251 | 51.4% | |
| | Refused | 2 670 | 1.7% | 1 651 | 1.0% | 590 | 0.4% | 64 | 0.0% | 0 | 0.0% | |
| | Withdrawn | 23 337 | 14.6% | 17 038 | 10.7% | 10 788 | 6.5% | 3 846 | 2.2% | 654 | 0.4% | |
| | Granted | 72 799 | 45.4% | 59 342 | 37.3% | 39 874 | 23.9% | 12 753 | 7.3% | 281 | 0.2% | |
| | Examination not yet completed: | | 36 153 | 22.6% | 56 717 | 35.7% | 90 463 | 54.3% | 127 163 | 72.9% | 92 316 | 50.9% |

b) Opposition procedure

Opposition rate and oppositions filed according to fields of technology

| Technology | Patents which could be opposed | Opposed patents | Opposition rate | Oppositions filed | Opposition ratio |
|---|--------------------------------|-----------------|-----------------|-------------------|------------------|
| Electrical engineering | 39 611 | 312 | 0.8% | 349 | 1.12 |
| Electrical machinery, apparatus, energy | 9 133 | 144 | 1.6% | 153 | 1.06 |
| Audio-visual technology | 2 974 | 37 | 1.2% | 41 | 1.11 |
| Telecommunications | 4 432 | 15 | 0.3% | 19 | 1.27 |
| Digital communication | 11 562 | 53 | 0.5% | 66 | 1.25 |
| Basic communication processes | 942 | 6 | 0.6% | 7 | 1.17 |
| Computer technology | 7 955 | 44 | 0.6% | 50 | 1.14 |
| IT methods for management | 219 | 3 | 1.4% | 3 | 1.00 |
| Semiconductors | 2 394 | 10 | 0.4% | 10 | 1.00 |
| Instruments | 21 607 | 439 | 2.0% | 493 | 1.12 |
| Optics | 2 865 | 28 | 1.0% | 29 | 1.04 |
| Measurement | 6 341 | 105 | 1.7% | 114 | 1.09 |
| Analysis of biological materials | 946 | 19 | 2.0% | 21 | 1.11 |
| Control | 1 675 | 58 | 3.5% | 63 | 1.09 |
| Medical technology | 9 780 | 229 | 2.3% | 266 | 1.16 |
| Chemistry | 29 534 | 1 482 | 5.0% | 1 988 | 1.34 |
| Organic fine chemistry | 4 395 | 171 | 3.9% | 232 | 1.36 |
| Biotechnology | 3 639 | 153 | 4.2% | 234 | 1.53 |
| Pharmaceuticals | 3 532 | 211 | 6.0% | 371 | 1.76 |
| Macromolecular chemistry, polymers | 2 857 | 174 | 6.1% | 217 | 1.25 |
| Food chemistry | 1 196 | 140 | 11.7% | 179 | 1.28 |
| Basic materials chemistry | 3 479 | 203 | 5.8% | 260 | 1.28 |
| Materials, metallurgy | 3 249 | 172 | 5.3% | 200 | 1.16 |
| Surface technology, coating | 2 210 | 113 | 5.1% | 131 | 1.16 |
| Micro-structural and nano-technology | 240 | 2 | 0.8% | 2 | 1.00 |
| Chemical engineering | 3 121 | 94 | 3.0% | 104 | 1.11 |
| Environmental technology | 1 616 | 49 | 3.0% | 58 | 1.18 |
| Mechanical engineering | 33 060 | 1 088 | 3.3% | 1 253 | 1.15 |
| Handling | 2 863 | 139 | 4.9% | 153 | 1.10 |
| Machine tools | 2 975 | 110 | 3.7% | 130 | 1.18 |
| Engines, pumps, turbines | 5 678 | 155 | 2.7% | 182 | 1.17 |
| Textile and paper machines | 2 067 | 90 | 4.4% | 101 | 1.12 |
| Other special machines | 4 793 | 223 | 4.7% | 279 | 1.25 |
| Thermal processes and apparatus | 2 630 | 72 | 2.7% | 82 | 1.14 |
| Mechanical elements | 3 701 | 114 | 3.1% | 127 | 1.11 |
| Transport | 8 353 | 185 | 2.2% | 199 | 1.08 |
| Other fields | 9 850 | 352 | 3.6% | 415 | 1.18 |
| Furniture, games | 2 533 | 71 | 2.8% | 86 | 1.21 |
| Other consumer goods | 3 206 | 151 | 4.7% | 187 | 1.24 |
| Civil engineering | 4 111 | 130 | 3.2% | 142 | 1.09 |
| Not classified | 52 | 0 | 0.0% | 0 | - |
| Total | 133 714 | 3 673 | 2.7% | 4 498 | 1.22 |

Opposition rate and oppositions filed according to proprietor origin

| Country of residence of the patent proprietor | Patents which could be opposed | Opposed patents | Opposition rate | Oppositions filed | Opposition ratio |
|---|--------------------------------|-----------------|-----------------|-------------------|------------------|
| AL Albania | 0 | 0 | - | 0 | - |
| AT Austria | 1 678 | 73 | 4.4% | 99 | 1.36 |
| BE Belgium | 1 390 | 90 | 6.5% | 113 | 1.26 |
| BG Bulgaria | 17 | 0 | 0.0% | 0 | - |
| CH Switzerland | 4 561 | 229 | 5.0% | 307 | 1.34 |
| CY Cyprus | 28 | 1 | 3.6% | 1 | 1.00 |
| CZ Czech Republic | 134 | 3 | 2.2% | 3 | 1.00 |
| DE Germany | 21 069 | 964 | 4.6% | 1 131 | 1.17 |
| DK Denmark | 1 284 | 110 | 8.6% | 144 | 1.31 |
| EE Estonia | 23 | 0 | 0.0% | 0 | - |
| ES Spain | 985 | 18 | 1.8% | 21 | 1.17 |
| FI Finland | 1 631 | 63 | 3.9% | 77 | 1.22 |
| FR France | 9 087 | 279 | 3.1% | 328 | 1.18 |
| GB United Kingdom | 4 013 | 164 | 4.1% | 194 | 1.18 |
| GR Greece | 47 | 1 | 2.1% | 1 | 1.00 |
| HR Croatia | 9 | 0 | 0.0% | 0 | - |
| HU Hungary | 66 | 3 | 4.5% | 5 | 1.67 |
| IE Ireland | 542 | 14 | 2.6% | 16 | 1.14 |
| IS Iceland | 56 | 3 | 5.4% | 3 | 1.00 |
| IT Italy | 3 570 | 126 | 3.5% | 156 | 1.24 |
| LI Liechtenstein | 206 | 2 | 1.0% | 2 | 1.00 |
| LT Lithuania | 15 | 1 | 6.7% | 1 | 1.00 |
| LU Luxembourg | 472 | 24 | 5.1% | 38 | 1.58 |
| LV Latvia | 12 | 0 | 0.0% | 0 | - |
| MC Monaco | 16 | 0 | 0.0% | 0 | - |
| MK North Macedonia | 1 | 0 | 0.0% | 0 | - |
| MT Malta | 49 | 3 | 6.1% | 3 | 1.00 |
| NL Netherlands | 3 975 | 200 | 5.0% | 244 | 1.22 |
| NO Norway | 452 | 15 | 3.3% | 19 | 1.27 |
| PL Poland | 226 | 9 | 4.0% | 9 | 1.00 |
| PT Portugal | 106 | 1 | 0.9% | 1 | 1.00 |
| RO Romania | 12 | 0 | 0.0% | 0 | - |
| RS Serbia | 3 | 0 | 0.0% | 0 | - |
| SE Sweden | 3 749 | 80 | 2.1% | 106 | 1.33 |
| SI Slovenia | 75 | 2 | 2.7% | 4 | 2.00 |
| SK Slovakia | 30 | 0 | 0.0% | 0 | - |
| SM San Marino | 5 | 0 | 0.0% | 0 | - |
| TR Turkey | 299 | 7 | 2.3% | 7 | 1.00 |
| EPC states | 59 893 | 2 485 | 4.1% | 3 033 | 1.22 |
| CN P.R. China | 5 295 | 30 | 0.6% | 35 | 1.17 |
| JP Japan | 22 381 | 247 | 1.1% | 279 | 1.13 |
| KR Rep. Korea | 6 852 | 40 | 0.6% | 47 | 1.18 |
| US United States of America | 32 920 | 757 | 2.3% | 968 | 1.28 |
| Other | 6 373 | 114 | 1.8% | 136 | 1.19 |
| Total | 133 714 | 3 673 | 2.7% | 4 498 | 1.22 |

Outcome of the opposition procedures completed in 2019 (examiner decisions).

According to the field of technology

| Technology | Opposition rejected | | Patent revoked | | Patent amended | | Total | |
|---|---------------------|-------|----------------|-------|----------------|-------|-------|------|
| | | | | | | | | |
| Electrical engineering | 96 | 27% | 110 | 31% | 154 | 43% | 360 | 100% |
| Electrical machinery, apparatus, energy | 61 | 31% | 54 | 27% | 82 | 42% | 197 | 100% |
| Audio-visual technology | 11 | 22% | 13 | 26% | 26 | 52% | 50 | 100% |
| Telecommunications | 6 | 20% | 10 | 33% | 14 | 47% | 30 | 100% |
| Digital communication | 9 | 20% | 13 | 30% | 22 | 50% | 44 | 100% |
| Basic communication processes | 0 | 0% | 1 | 100% | 0 | 0% | 1 | 100% |
| Computer technology | 7 | 25% | 15 | 54% | 6 | 21% | 28 | 100% |
| IT methods for management | 1 | 33% | 1 | 33% | 1 | 33% | 3 | 100% |
| Semiconductors | 1 | 14% | 3 | 43% | 3 | 43% | 7 | 100% |
| Instruments | 125 | 27% | 144 | 31% | 192 | 42% | 461 | 100% |
| Optics | 14 | 48% | 5 | 17% | 10 | 34% | 29 | 100% |
| Measurement | 26 | 25% | 27 | 26% | 49 | 48% | 102 | 100% |
| Analysis of biological materials | 5 | 38% | 5 | 38% | 3 | 23% | 13 | 100% |
| Control | 9 | 20% | 18 | 41% | 17 | 39% | 44 | 100% |
| Medical technology | 71 | 26% | 89 | 33% | 113 | 41% | 273 | 100% |
| Chemistry | 467 | 27% | 548 | 32% | 692 | 41% | 1 707 | 100% |
| Organic fine chemistry | 77 | 32% | 86 | 36% | 74 | 31% | 237 | 100% |
| Biotechnology | 37 | 20% | 70 | 38% | 79 | 42% | 186 | 100% |
| Pharmaceuticals | 66 | 25% | 90 | 34% | 112 | 42% | 268 | 100% |
| Macromolecular chemistry, polymers | 63 | 29% | 51 | 23% | 107 | 48% | 221 | 100% |
| Food chemistry | 43 | 28% | 56 | 36% | 55 | 36% | 154 | 100% |
| Basic materials chemistry | 57 | 25% | 74 | 33% | 93 | 42% | 224 | 100% |
| Materials, metallurgy | 53 | 37% | 35 | 24% | 57 | 39% | 145 | 100% |
| Surface technology, coating | 25 | 29% | 35 | 40% | 27 | 31% | 87 | 100% |
| Micro-structural and nano-technology | 0 | 0% | 1 | 25% | 3 | 75% | 4 | 100% |
| Chemical engineering | 35 | 30% | 31 | 26% | 51 | 44% | 117 | 100% |
| Environmental technology | 11 | 17% | 19 | 30% | 34 | 53% | 64 | 100% |
| Mechanical engineering | 395 | 32% | 304 | 25% | 533 | 43% | 1 232 | 100% |
| Handling | 59 | 34% | 38 | 22% | 79 | 45% | 176 | 100% |
| Machine tools | 56 | 36% | 44 | 28% | 57 | 36% | 157 | 100% |
| Engines, pumps, turbines | 70 | 36% | 45 | 23% | 81 | 41% | 196 | 100% |
| Textile and paper machines | 39 | 33% | 28 | 24% | 51 | 43% | 118 | 100% |
| Other special machines | 62 | 28% | 55 | 25% | 105 | 47% | 222 | 100% |
| Thermal processes and apparatus | 23 | 25% | 33 | 36% | 35 | 38% | 91 | 100% |
| Mechanical elements | 44 | 42% | 19 | 18% | 43 | 41% | 106 | 100% |
| Transport | 42 | 25% | 42 | 25% | 82 | 49% | 166 | 100% |
| Other fields | 122 | 37% | 65 | 20% | 143 | 43% | 330 | 100% |
| Furniture, games | 26 | 37% | 15 | 21% | 29 | 41% | 70 | 100% |
| Other consumer goods | 47 | 39% | 24 | 20% | 51 | 42% | 122 | 100% |
| Civil engineering | 49 | 36% | 26 | 19% | 63 | 46% | 138 | 100% |
| Unclassified | - | - | - | - | - | - | 0 | - |
| Total | 1 205 | 29.5% | 1 171 | 28.6% | 1 714 | 41.9% | 4 090 | 100% |

c) **Appeal procedures**

Refusals by the examining divisions and appeals in 2019

| Technology | Decisions to refuse | Appealed decisions | |
|---|---------------------|--------------------|------------|
| Electrical engineering | 5 926 | 770 | 13% |
| Electrical machinery, apparatus, energy | 243 | 33 | 14% |
| Audio-visual technology | 684 | 86 | 13% |
| Telecommunications | 291 | 17 | 6% |
| Digital communication | 671 | 67 | 10% |
| Basic communication processes | 93 | 20 | 22% |
| Computer technology | 2536 | 310 | 12% |
| IT methods for management | 1242 | 220 | 18% |
| Semiconductors | 166 | 17 | 10% |
| Instruments | 1064 | 185 | 17% |
| Optics | 92 | 13 | 14% |
| Measurement | 345 | 45 | 13% |
| Analysis of biological materials | 24 | 4 | 17% |
| Control | 323 | 69 | 21% |
| Medical technology | 280 | 54 | 19% |
| Chemistry | 907 | 175 | 19% |
| Organic fine chemistry | 97 | 19 | 20% |
| Biotechnology | 157 | 37 | 24% |
| Pharmaceuticals | 180 | 34 | 19% |
| Macromolecular chemistry, polymers | 27 | 6 | 22% |
| Food chemistry | 51 | 10 | 20% |
| Basic materials chemistry | 109 | 21 | 19% |
| Materials, metallurgy | 67 | 8 | 12% |
| Surface technology, coating | 34 | 2 | 6% |
| Micro-structural and nano-technology | 8 | 0 | 0% |
| Chemical engineering | 109 | 25 | 23% |
| Environmental technology | 68 | 13 | 19% |
| Mechanical engineering | 508 | 97 | 19% |
| Handling | 72 | 23 | 32% |
| Machine tools | 40 | 9 | 23% |
| Engines, pumps, turbines | 69 | 7 | 10% |
| Textile and paper machines | 29 | 3 | 10% |
| Other special machines | 71 | 17 | 24% |
| Thermal processes and apparatus | 40 | 0 | 0% |
| Mechanical elements | 55 | 19 | 35% |
| Transport | 132 | 19 | 14% |
| Other fields | 203 | 28 | 14% |
| Furniture, games | 90 | 10 | 11% |
| Other consumer goods | 53 | 7 | 13% |
| Civil engineering | 60 | 11 | 18% |
| Unclassified | 3 | 1 | 0% |
| Total | 8 611 | 1 256 | 15% |

Decisions by the opposition divisions and appeals in 2019

| Type of decision | Total cases | Appealed cases | |
|---------------------|-------------|----------------|-----|
| Opposition rejected | 1 205 | 476 | 40% |
| Patent revoked | 1 171 | 464 | 40% |
| Patent amended | 1 714 | 1082 | 63% |
| Total | 4 090 | 2 022 | 49% |

d) Processing times

Early Certainty

The statistics on processing times describe the progress towards the Early Certainty objectives for the European patent procedures.

As part of the implementation of the Strategic Plan 2023, the times indicated in the table below are represented as mean average delays in months for the European search, the substantive examination and the opposition procedures. Previous year figures (also measured as mean averages) are presented for reference.

The delays are measured:

- European search: from date of receipt at the EPO to end of search
- All searches: from date of receipt at the EPO to date of dispatch of the search report
- Examination: from valid request for examination (all formalities completed) to dispatch of the examiner's intention to grant.
- Opposition: from expiry of the opposition filing period to the date of the opposition decision.

The times are calculated for the applications for which the corresponding stage ended in 2019.

| Procedure | Months | <i>Previous year</i> |
|--|--------|----------------------|
| European Search | 6.9 | 8.8 |
| <i>All searches (incl. Nat. and PCT intern.)</i> | 5.5 | 6.5 |
| Examination | 28.1 | 31.8 |
| Opposition | 18.7 | 20.4 |

C. PUBLICATIONS

| Technology | Applications | | Examination requests | | Granted patents | |
|---|--------------|--------|----------------------|--------|-----------------|--------|
| Electrical engineering | 49 056 | 30% | 46 671 | 30% | 40 904 | 30% |
| Electrical machinery, apparatus, energy | 10 281 | 6.2% | 9 807 | 6.3% | 9 025 | 6.6% |
| Audio-visual technology | 4 020 | 2.4% | 3 852 | 2.5% | 3 182 | 2.3% |
| Telecommunications | 3 891 | 2.3% | 3 771 | 2.4% | 4 317 | 3.1% |
| Digital communication | 12 733 | 7.7% | 12 334 | 7.9% | 11 952 | 8.7% |
| Basic communication processes | 1 074 | 0.6% | 953 | 0.6% | 952 | 0.7% |
| Computer technology | 11 791 | 7.1% | 11 103 | 7.1% | 8 472 | 6.1% |
| IT methods for management | 2 398 | 1.4% | 2 178 | 1.4% | 245 | 0.2% |
| Semiconductors | 2 868 | 1.7% | 2 673 | 1.7% | 2 759 | 2.0% |
| Instruments | 29 872 | 18.0% | 27 747 | 17.8% | 23 227 | 16.9% |
| Optics | 3 784 | 2.3% | 3 540 | 2.3% | 3 071 | 2.2% |
| Measurement | 8 431 | 5.1% | 7 782 | 5.0% | 6 928 | 5.0% |
| Analysis of biological materials | 1 248 | 1% | 1 134 | 1% | 834 | 1% |
| Control | 3 109 | 1.9% | 2 871 | 1.8% | 1 919 | 1.4% |
| Medical technology | 13 300 | 8.0% | 12 420 | 7.9% | 10 475 | 7.6% |
| Chemistry | 37 428 | 22.6% | 35 358 | 22.6% | 28 865 | 20.9% |
| Organic fine chemistry | 4 952 | 3.0% | 4 690 | 3.0% | 4 127 | 3.0% |
| Biotechnology | 5 615 | 3.4% | 5 228 | 3.3% | 3 555 | 2.6% |
| Pharmaceuticals | 6 589 | 4.0% | 6 197 | 4.0% | 3 602 | 2.6% |
| Macromolecular chemistry, polymers | 3 376 | 2.0% | 3 216 | 2.1% | 2 686 | 1.9% |
| Food chemistry | 1 421 | 0.9% | 1 349 | 0.9% | 1 111 | 0.8% |
| Basic materials chemistry | 4 009 | 2% | 3 801 | 2% | 3 285 | 2% |
| Materials, metallurgy | 3 461 | 2.1% | 3 332 | 2.1% | 3 324 | 2.4% |
| Surface technology, coating | 2 392 | 1.4% | 2 273 | 1.5% | 2 213 | 1.6% |
| Micro-structural and nano-technology | 144 | 0.1% | 137 | 0.1% | 189 | 0.1% |
| Chemical engineering | 3 699 | 2.2% | 3 472 | 2.2% | 3 144 | 2.3% |
| Environmental technology | 1 770 | 1.1% | 1 663 | 1.1% | 1 629 | 1.2% |
| Mechanical engineering | 37 115 | 22% | 35 236 | 23% | 34 868 | 25% |
| Handling | 4 370 | 2.6% | 4 047 | 2.6% | 2 920 | 2.1% |
| Machine tools | 3 593 | 2.2% | 3 323 | 2.1% | 3 058 | 2.2% |
| Engines, pumps, turbines | 5 271 | 3.2% | 5 053 | 3.2% | 6 122 | 4.4% |
| Textile and paper machines | 2 524 | 1.5% | 2 404 | 1.5% | 2 288 | 1.7% |
| Other special machines | 5 929 | 3.6% | 5 643 | 3.6% | 4 464 | 3.2% |
| Thermal processes and apparatus | 2 441 | 1.5% | 2 326 | 1.5% | 2 845 | 2.1% |
| Mechanical elements | 4 039 | 2.4% | 3 782 | 2.4% | 4 182 | 3.0% |
| Transport | 8 948 | 5% | 8 658 | 6% | 8 989 | 7% |
| Other fields | 11 512 | 6.9% | 10 789 | 6.9% | 9 845 | 7.1% |
| Furniture, games | 3 056 | 1.8% | 2 910 | 1.9% | 2 534 | 1.8% |
| Other consumer goods | 3 807 | 2.3% | 3 585 | 2.3% | 3 125 | 2.3% |
| Civil engineering | 4 649 | 2.8% | 4 294 | 2.7% | 4 186 | 3.0% |
| Unclassified | 698 | 0.4% | 511 | 0.3% | 75 | 0.1% |
| Total | 165 681 | 100.0% | 156 312 | 100.0% | 137 784 | 100.0% |

D. VALIDATION AND MAINTENANCE OF EUROPEAN PATENTS

In the following pages, for each member state, the figures presented in the first table indicate the number of applications filed and designating the country, the number of those which have been granted by the EPO, the number of these grants which have been validated and entered into force in the country, and the number of European patents still in force at the end of 2019. The data cover the filing period 2000-2019 for which patents can still be in force.

As the patent term is 20 years, the figures cover the applications filed between January 2000 and December 2019.

Applications for a European patent are counted in the year of the international filing date. In the case of the PCT applications only those that entered the regional phase at the EPO are taken into account and they are counted in the year of the international filing date. The statistics reflect the current status of the designations in the EPO granting procedure.

The second table indicate the proportion of granted European patents still in force at the end of each patent year. All data are extracted from the EPO database on the basis of data transmitted by the contracting states offices. A patent is considered as maintained until its abandonment is legally recorded and transmitted to the EPO.

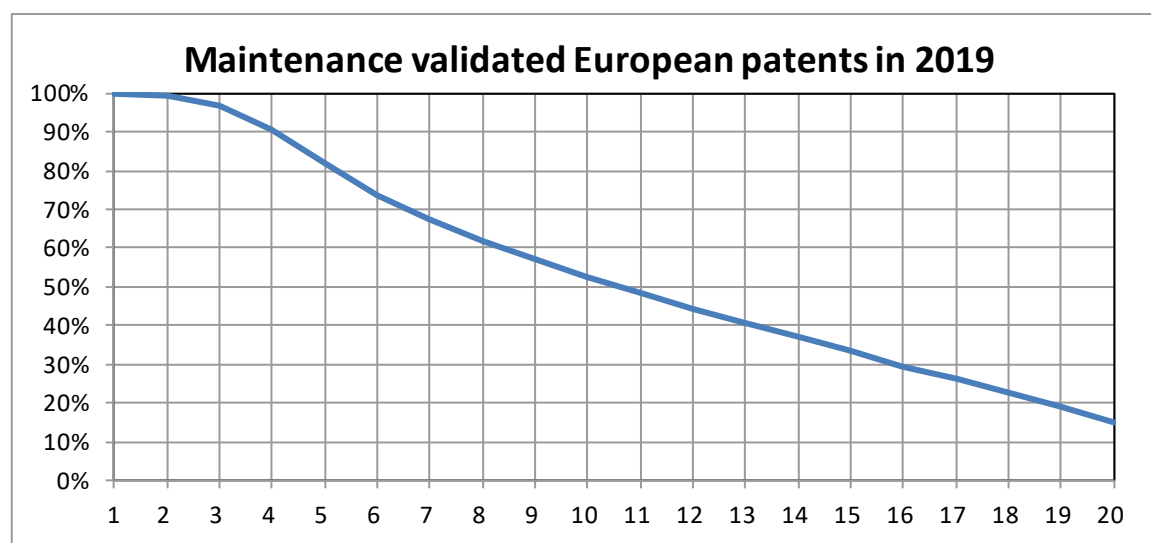
Owing to an evolution in the technical environment, an adjustment in the compilation methodology for the count of patents still in force occurred and the series for 2019 are not necessarily comparable to previous reports.

The following table and chart give an overview of the fate of the resulting patent rights granted by the EPO.

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|---|--------------------|-----------------|-------------------|------------------------|
| Total counts of designated states | | | | |
| Total filed: 2000 - 2019 | 81 012 990 | 30 617 870 | 10 676 263 | 5 276 916 |
| Total filed: 1999 - 2018 | 78 665 435 | 27 254 020 | 11 311 963 | 6 774 597 |
| <i>Growth: status end of 2019 over status end of 2018</i> | 3% | 12% | -6% | -22% |

Due to the legal delay for paying the national renewal fees, the number of patents still in force at the end of 2019 is still provisional.

As shown in the chart below, EP patents validated are maintained on average (median) up to 11 years. About 15% are maintained up until the expiration of the 20th patent-year.



a) Albania

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | | | | |
| 2005 | | | | |
| 2006 | | | | |
| 2007 | | | | |
| 2008 | | | | |
| 2009 | | | | |
| 2010 | 97 998 | 49 022 | 525 | 475 |
| 2011 | 147 943 | 73 283 | 715 | 674 |
| 2012 | 151 237 | 74 926 | 617 | 596 |
| 2013 | 155 049 | 71 468 | 569 | 565 |
| 2014 | 158 969 | 65 876 | 470 | 470 |
| 2015 | 156 891 | 50 748 | 318 | 318 |
| 2016 | 158 501 | 32 081 | 146 | 146 |
| 2017 | 155 983 | 12 284 | 29 | 29 |
| 2018 | 98 204 | 2 142 | 7 | 7 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | | | | | | | | | | | | | | | | | | | |
| 2005 | | | | | | | | | | | | | | | | | | | |
| 2006 | | | | | | | | | | | | | | | | | | | |
| 2007 | | | | | | | | | | | | | | | | | | | |
| 2008 | | | | | | | | | | | | | | | | | | | |
| 2009 | | | | | | | | | | | | | | | | | | | |
| 2010 | 525 | 98% | 93% | 85% | 78% | 71% | 63% | 55% | 48% | | | | | | | | | | |
| 2011 | 715 | 98% | 94% | 87% | 79% | 70% | 61% | 53% | | | | | | | | | | | |
| 2012 | 617 | 98% | 94% | 86% | 75% | 65% | 56% | | | | | | | | | | | | |
| 2013 | 569 | 99% | 94% | 83% | 72% | 60% | | | | | | | | | | | | | |
| 2014 | 470 | 98% | 92% | 80% | 66% | | | | | | | | | | | | | | |
| 2015 | 318 | 97% | 89% | 73% | | | | | | | | | | | | | | | |
| 2016 | 146 | 95% | 80% | | | | | | | | | | | | | | | | |
| 2017 | 29 | 86% | | | | | | | | | | | | | | | | | |
| 2018 | 7 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

b) Austria

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 73 744 | 35 368 | 13 526 | 2 169 |
| 2001 | 83 137 | 37 706 | 13 400 | 2 679 |
| 2002 | 85 795 | 38 561 | 12 774 | 3 085 |
| 2003 | 90 850 | 41 002 | 12 528 | 3 434 |
| 2004 | 98 266 | 44 038 | 12 706 | 3 852 |
| 2005 | 107 230 | 46 554 | 12 727 | 4 485 |
| 2006 | 114 201 | 50 035 | 13 964 | 5 241 |
| 2007 | 120 198 | 53 952 | 15 205 | 5 770 |
| 2008 | 130 548 | 61 956 | 16 728 | 6 800 |
| 2009 | 134 468 | 67 562 | 17 062 | 7 558 |
| 2010 | 143 009 | 71 775 | 18 121 | 8 619 |
| 2011 | 147 969 | 73 307 | 18 551 | 9 948 |
| 2012 | 151 263 | 74 949 | 18 754 | 10 784 |
| 2013 | 155 068 | 71 485 | 18 732 | 12 175 |
| 2014 | 158 997 | 65 898 | 19 315 | 18 175 |
| 2015 | 156 905 | 50 759 | 17 074 | 17 074 |
| 2016 | 158 529 | 32 094 | 13 002 | 13 002 |
| 2017 | 155 997 | 12 286 | 5 564 | 5 564 |
| 2018 | 98 211 | 2 143 | 1 361 | 1 361 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 13 526 | 100% | 99% | 93% | 86% | 79% | 72% | 66% | 57% | 51% | 46% | 41% | 36% | 32% | 28% | 25% | 21% | 18% | 16% |
| 2001 | 13 400 | 100% | 98% | 92% | 85% | 79% | 73% | 64% | 57% | 52% | 47% | 42% | 37% | 33% | 29% | 25% | 22% | 20% | |
| 2002 | 12 774 | 100% | 97% | 92% | 85% | 79% | 71% | 64% | 58% | 53% | 47% | 42% | 38% | 34% | 30% | 26% | 24% | | |
| 2003 | 12 528 | 100% | 96% | 90% | 84% | 76% | 69% | 64% | 58% | 52% | 47% | 42% | 37% | 33% | 30% | 27% | | | |
| 2004 | 12 706 | 99% | 95% | 89% | 82% | 75% | 69% | 63% | 56% | 51% | 46% | 41% | 37% | 33% | 30% | | | | |
| 2005 | 12 727 | 99% | 95% | 88% | 82% | 76% | 69% | 63% | 57% | 52% | 47% | 42% | 38% | 35% | | | | | |
| 2006 | 13 964 | 99% | 95% | 95% | 78% | 72% | 66% | 60% | 54% | 49% | 44% | 40% | 38% | | | | | | |
| 2007 | 15 205 | 99% | 99% | 99% | 72% | 66% | 61% | 55% | 50% | 45% | 41% | 38% | | | | | | | |
| 2008 | 16 728 | 100% | 100% | 100% | 69% | 64% | 59% | 53% | 48% | 43% | 41% | | | | | | | | |
| 2009 | 17 062 | 100% | 100% | 100% | 68% | 63% | 58% | 52% | 47% | 44% | | | | | | | | | |
| 2010 | 18 121 | 100% | 100% | 100% | 68% | 62% | 56% | 50% | 48% | | | | | | | | | | |
| 2011 | 18 551 | 100% | 100% | 100% | 69% | 62% | 56% | 54% | | | | | | | | | | | |
| 2012 | 18 754 | 100% | 100% | 100% | 67% | 60% | 58% | | | | | | | | | | | | |
| 2013 | 18 732 | 100% | 100% | 100% | 68% | 65% | | | | | | | | | | | | | |
| 2014 | 19 315 | 100% | 100% | 100% | 94% | | | | | | | | | | | | | | |
| 2015 | 17 074 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2016 | 13 002 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 5 564 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 1 361 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

c) Belgium

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 74 005 | 35 513 | 16 168 | 2 546 |
| 2001 | 83 282 | 37 800 | 16 019 | 3 130 |
| 2002 | 85 823 | 38 587 | 15 285 | 3 504 |
| 2003 | 91 025 | 41 068 | 15 422 | 3 915 |
| 2004 | 98 470 | 44 109 | 16 048 | 4 463 |
| 2005 | 107 432 | 46 673 | 16 645 | 5 289 |
| 2006 | 114 210 | 50 048 | 17 769 | 6 033 |
| 2007 | 120 137 | 53 857 | 18 970 | 6 705 |
| 2008 | 130 450 | 61 864 | 21 502 | 7 956 |
| 2009 | 134 429 | 67 533 | 23 566 | 9 227 |
| 2010 | 143 001 | 71 767 | 26 726 | 11 006 |
| 2011 | 147 963 | 73 301 | 29 790 | 13 290 |
| 2012 | 151 252 | 74 940 | 33 542 | 14 972 |
| 2013 | 155 061 | 71 480 | 37 507 | 17 531 |
| 2014 | 158 983 | 65 887 | 40 213 | 20 627 |
| 2015 | 156 907 | 50 757 | 34 050 | 20 478 |
| 2016 | 158 518 | 32 088 | 23 372 | 17 201 |
| 2017 | 155 996 | 12 286 | 9 464 | 7 798 |
| 2018 | 98 212 | 2 143 | 2 143 | 2 143 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 16 168 | 100% | 98% | 92% | 83% | 76% | 69% | 63% | 55% | 49% | 44% | 40% | 35% | 31% | 28% | 25% | 21% | 18% | 16% |
| 2001 | 16 019 | 100% | 97% | 90% | 83% | 75% | 69% | 60% | 54% | 49% | 45% | 41% | 36% | 32% | 29% | 26% | 22% | 20% | |
| 2002 | 15 285 | 100% | 96% | 89% | 82% | 75% | 67% | 61% | 55% | 50% | 46% | 41% | 37% | 33% | 30% | 26% | 23% | | |
| 2003 | 15 422 | 99% | 94% | 87% | 81% | 73% | 66% | 61% | 56% | 50% | 46% | 42% | 38% | 34% | 29% | 25% | | | |
| 2004 | 16 048 | 99% | 93% | 86% | 78% | 71% | 65% | 60% | 55% | 50% | 46% | 42% | 38% | 33% | 28% | | | | |
| 2005 | 16 645 | 99% | 93% | 85% | 79% | 73% | 67% | 62% | 57% | 53% | 48% | 44% | 38% | 32% | | | | | |
| 2006 | 17 769 | 99% | 92% | 86% | 79% | 73% | 68% | 63% | 58% | 54% | 49% | 41% | 34% | | | | | | |
| 2007 | 18 970 | 99% | 93% | 85% | 79% | 73% | 68% | 63% | 59% | 54% | 44% | 35% | | | | | | | |
| 2008 | 21 502 | 99% | 94% | 87% | 80% | 75% | 70% | 65% | 60% | 48% | 37% | | | | | | | | |
| 2009 | 23 566 | 99% | 93% | 86% | 81% | 76% | 71% | 66% | 52% | 39% | | | | | | | | | |
| 2010 | 26 726 | 99% | 95% | 88% | 83% | 77% | 72% | 56% | 41% | | | | | | | | | | |
| 2011 | 29 790 | 99% | 96% | 89% | 84% | 79% | 62% | 45% | | | | | | | | | | | |
| 2012 | 33 542 | 99% | 95% | 89% | 84% | 64% | 45% | | | | | | | | | | | | |
| 2013 | 37 507 | 99% | 97% | 89% | 69% | 47% | | | | | | | | | | | | | |
| 2014 | 40 213 | 99% | 96% | 76% | 51% | | | | | | | | | | | | | | |
| 2015 | 34 050 | 99% | 87% | 60% | | | | | | | | | | | | | | | |
| 2016 | 23 372 | 94% | 74% | | | | | | | | | | | | | | | | |
| 2017 | 9 464 | 82% | | | | | | | | | | | | | | | | | |
| 2018 | 2 143 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

d) Bulgaria

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | 42 660 | 19 179 | 4 802 | 428 |
| 2003 | 89 619 | 40 247 | 19 275 | 848 |
| 2004 | 97 350 | 43 427 | 20 030 | 1 018 |
| 2005 | 106 381 | 45 979 | 20 210 | 1 054 |
| 2006 | 113 358 | 49 474 | 21 118 | 1 311 |
| 2007 | 119 515 | 53 445 | 21 283 | 1 312 |
| 2008 | 130 130 | 61 623 | 23 360 | 1 617 |
| 2009 | 134 320 | 67 439 | 23 451 | 1 897 |
| 2010 | 142 975 | 71 740 | 23 262 | 2 467 |
| 2011 | 147 947 | 73 285 | 24 818 | 3 132 |
| 2012 | 151 240 | 74 927 | 28 150 | 3 676 |
| 2013 | 155 050 | 71 468 | 33 202 | 4 672 |
| 2014 | 158 976 | 65 880 | 35 092 | 5 942 |
| 2015 | 156 896 | 50 748 | 29 005 | 6 649 |
| 2016 | 158 513 | 32 081 | 20 119 | 6 721 |
| 2017 | 155 992 | 12 284 | 8 245 | 3 483 |
| 2018 | 98 211 | 2 142 | 2 117 | 1 262 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | 4 802 | 100% | 97% | 82% | 66% | 54% | 45% | 36% | 29% | 22% | 19% | 18% | 17% | 15% | 12% | 11% | 9% | | |
| 2003 | 19 275 | 96% | 80% | 65% | 52% | 42% | 32% | 25% | 18% | 14% | 13% | 12% | 11% | 8% | 6% | 4% | | | |
| 2004 | 20 030 | 92% | 77% | 63% | 52% | 41% | 31% | 23% | 18% | 17% | 16% | 14% | 10% | 8% | 5% | | | | |
| 2005 | 20 210 | 93% | 78% | 64% | 51% | 40% | 28% | 23% | 20% | 19% | 17% | 12% | 8% | 5% | | | | | |
| 2006 | 21 118 | 92% | 79% | 64% | 49% | 36% | 29% | 26% | 25% | 22% | 15% | 10% | 6% | | | | | | |
| 2007 | 21 283 | 93% | 78% | 61% | 46% | 37% | 33% | 32% | 28% | 20% | 12% | 6% | | | | | | | |
| 2008 | 23 360 | 92% | 77% | 59% | 47% | 43% | 41% | 36% | 25% | 15% | 7% | | | | | | | | |
| 2009 | 23 451 | 91% | 72% | 59% | 55% | 53% | 47% | 32% | 19% | 8% | | | | | | | | | |
| 2010 | 23 262 | 91% | 79% | 73% | 70% | 63% | 43% | 26% | 11% | | | | | | | | | | |
| 2011 | 24 818 | 94% | 88% | 85% | 76% | 53% | 32% | 13% | | | | | | | | | | | |
| 2012 | 28 150 | 97% | 94% | 84% | 59% | 35% | 13% | | | | | | | | | | | | |
| 2013 | 33 202 | 99% | 90% | 64% | 39% | 14% | | | | | | | | | | | | | |
| 2014 | 35 092 | 96% | 75% | 47% | 17% | | | | | | | | | | | | | | |
| 2015 | 29 005 | 88% | 62% | 23% | | | | | | | | | | | | | | | |
| 2016 | 20 119 | 79% | 33% | | | | | | | | | | | | | | | | |
| 2017 | 8 245 | 42% | | | | | | | | | | | | | | | | | |
| 2018 | 2 117 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

e) Switzerland/Liechtenstein

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 75 066 | 36 325 | 19 923 | 2 826 |
| 2001 | 84 293 | 38 641 | 21 354 | 3 653 |
| 2002 | 86 469 | 39 301 | 22 360 | 4 220 |
| 2003 | 92 002 | 41 805 | 24 715 | 5 116 |
| 2004 | 99 589 | 44 899 | 27 465 | 5 860 |
| 2005 | 108 525 | 47 353 | 31 791 | 6 927 |
| 2006 | 115 381 | 50 800 | 34 877 | 7 998 |
| 2007 | 121 004 | 54 457 | 36 707 | 9 112 |
| 2008 | 131 047 | 62 315 | 41 799 | 10 730 |
| 2009 | 134 584 | 67 661 | 44 709 | 12 027 |
| 2010 | 143 001 | 71 767 | 48 164 | 13 613 |
| 2011 | 147 950 | 73 292 | 45 373 | 16 120 |
| 2012 | 151 255 | 74 942 | 46 620 | 17 510 |
| 2013 | 155 064 | 71 484 | 46 415 | 19 768 |
| 2014 | 158 991 | 65 895 | 44 950 | 21 793 |
| 2015 | 156 903 | 50 756 | 36 569 | 20 554 |
| 2016 | 158 515 | 32 089 | 25 676 | 17 385 |
| 2017 | 155 984 | 12 282 | 12 281 | 12 281 |
| 2018 | 98 209 | 2 141 | 2 141 | 2 141 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 19 923 | 100% | 100% | 90% | 84% | 78% | 73% | 68% | 58% | 51% | 46% | 40% | 36% | 32% | 28% | 24% | 21% | 17% | 14% |
| 2001 | 21 354 | 100% | 100% | 90% | 85% | 80% | 75% | 65% | 57% | 50% | 45% | 39% | 35% | 31% | 27% | 23% | 20% | 17% | |
| 2002 | 22 360 | 100% | 100% | 91% | 86% | 81% | 70% | 62% | 55% | 49% | 43% | 38% | 33% | 29% | 25% | 22% | 19% | | |
| 2003 | 24 715 | 100% | 100% | 89% | 85% | 75% | 67% | 59% | 52% | 46% | 41% | 36% | 32% | 28% | 24% | 21% | | | |
| 2004 | 27 465 | 100% | 100% | 89% | 79% | 71% | 63% | 56% | 49% | 43% | 38% | 34% | 29% | 25% | 21% | | | | |
| 2005 | 31 791 | 100% | 100% | 80% | 72% | 64% | 57% | 50% | 44% | 39% | 35% | 30% | 26% | 22% | | | | | |
| 2006 | 34 877 | 100% | 100% | 78% | 70% | 62% | 55% | 49% | 43% | 37% | 32% | 27% | 23% | | | | | | |
| 2007 | 36 707 | 100% | 100% | 78% | 70% | 62% | 55% | 48% | 42% | 36% | 30% | 25% | | | | | | | |
| 2008 | 41 799 | 100% | 100% | 77% | 68% | 60% | 53% | 46% | 39% | 32% | 26% | | | | | | | | |
| 2009 | 44 709 | 100% | 100% | 74% | 65% | 58% | 50% | 42% | 34% | 27% | | | | | | | | | |
| 2010 | 48 164 | 100% | 100% | 73% | 64% | 56% | 46% | 37% | 28% | | | | | | | | | | |
| 2011 | 45 373 | 100% | 90% | 80% | 70% | 58% | 47% | 36% | | | | | | | | | | | |
| 2012 | 46 620 | 100% | 90% | 79% | 65% | 52% | 38% | | | | | | | | | | | | |
| 2013 | 46 415 | 100% | 91% | 76% | 60% | 43% | | | | | | | | | | | | | |
| 2014 | 44 950 | 100% | 87% | 70% | 48% | | | | | | | | | | | | | | |
| 2015 | 36 569 | 100% | 80% | 56% | | | | | | | | | | | | | | | |
| 2016 | 25 676 | 100% | 68% | | | | | | | | | | | | | | | | |
| 2017 | 12 281 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 2 141 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

f) Cyprus

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 71 379 | 34 059 | 6 783 | 439 |
| 2001 | 80 620 | 36 541 | 5 842 | 690 |
| 2002 | 83 285 | 37 543 | 3 912 | 790 |
| 2003 | 89 574 | 40 261 | 2 493 | 1 111 |
| 2004 | 97 344 | 43 416 | 2 660 | 1 596 |
| 2005 | 106 372 | 45 973 | 3 022 | 2 135 |
| 2006 | 113 347 | 49 464 | 3 902 | 2 935 |
| 2007 | 119 508 | 53 441 | 4 826 | 3 853 |
| 2008 | 130 118 | 61 614 | 6 603 | 5 812 |
| 2009 | 134 320 | 67 439 | 8 111 | 7 711 |
| 2010 | 142 972 | 71 738 | 11 164 | 10 834 |
| 2011 | 147 946 | 73 284 | 14 872 | 14 659 |
| 2012 | 151 240 | 74 927 | 18 860 | 18 715 |
| 2013 | 155 049 | 71 468 | 24 906 | 24 804 |
| 2014 | 158 975 | 65 879 | 31 522 | 31 446 |
| 2015 | 156 894 | 50 748 | 33 417 | 33 392 |
| 2016 | 158 508 | 32 081 | 26 645 | 26 642 |
| 2017 | 155 993 | 12 284 | 12 225 | 12 225 |
| 2018 | 98 210 | 2 142 | 2 142 | 2 142 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 2000 | 6 783 | 99% | 88% | 87% | 35% | 32% | 30% | 26% | 23% | 20% | 18% | 16% | 14% | 12% | 11% | 10% | 9% | 7% | 6% |
| 2001 | 5 842 | 99% | 99% | 41% | 40% | 38% | 35% | 31% | 28% | 26% | 23% | 22% | 20% | 18% | 16% | 15% | 13% | 12% | |
| 2002 | 3 912 | 100% | 58% | 57% | 55% | 52% | 48% | 44% | 40% | 37% | 34% | 31% | 29% | 26% | 25% | 23% | 20% | | |
| 2003 | 2 493 | 90% | 90% | 89% | 87% | 82% | 77% | 73% | 69% | 65% | 61% | 58% | 54% | 51% | 48% | 45% | | | |
| 2004 | 2 660 | 100% | 100% | 98% | 96% | 90% | 87% | 82% | 79% | 75% | 71% | 69% | 66% | 63% | 60% | | | | |
| 2005 | 3 022 | 100% | 100% | 98% | 93% | 91% | 88% | 85% | 82% | 79% | 77% | 75% | 72% | 71% | | | | | |
| 2006 | 3 902 | 100% | 100% | 93% | 92% | 90% | 88% | 86% | 83% | 81% | 79% | 77% | 75% | | | | | | |
| 2007 | 4 826 | 100% | 92% | 92% | 91% | 89% | 88% | 86% | 85% | 83% | 81% | 80% | | | | | | | |
| 2008 | 6 603 | 96% | 96% | 95% | 95% | 94% | 93% | 92% | 90% | 89% | 88% | | | | | | | | |
| 2009 | 8 111 | 100% | 100% | 99% | 99% | 99% | 98% | 97% | 96% | 95% | | | | | | | | | |
| 2010 | 11 164 | 100% | 100% | 100% | 99% | 99% | 98% | 98% | 97% | | | | | | | | | | |
| 2011 | 14 872 | 100% | 100% | 100% | 100% | 99% | 99% | 99% | | | | | | | | | | | |
| 2012 | 18 860 | 100% | 100% | 100% | 100% | 100% | 99% | | | | | | | | | | | | |
| 2013 | 24 906 | 100% | 100% | 100% | 100% | 100% | | | | | | | | | | | | | |
| 2014 | 31 522 | 100% | 100% | 100% | 100% | | | | | | | | | | | | | | |
| 2015 | 33 417 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2016 | 26 645 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 12 225 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 2 142 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

g) Czech Republic

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | 42 425 | 19 350 | 2 608 | 815 |
| 2003 | 89 935 | 40 553 | 5 096 | 1 761 |
| 2004 | 97 756 | 43 720 | 5 355 | 2 116 |
| 2005 | 106 739 | 46 248 | 5 090 | 2 294 |
| 2006 | 113 698 | 49 730 | 5 165 | 2 607 |
| 2007 | 119 775 | 53 639 | 4 920 | 2 670 |
| 2008 | 130 294 | 61 746 | 5 177 | 3 213 |
| 2009 | 134 361 | 67 476 | 4 883 | 3 253 |
| 2010 | 142 983 | 71 749 | 4 915 | 3 534 |
| 2011 | 147 951 | 73 289 | 4 894 | 3 836 |
| 2012 | 151 243 | 74 929 | 4 694 | 3 932 |
| 2013 | 155 054 | 71 472 | 4 364 | 3 875 |
| 2014 | 158 977 | 65 881 | 4 163 | 3 858 |
| 2015 | 156 897 | 50 751 | 3 240 | 3 139 |
| 2016 | 158 515 | 32 083 | 1 915 | 1 889 |
| 2017 | 155 992 | 12 284 | 702 | 701 |
| 2018 | 98 212 | 2 143 | 128 | 128 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | 2 608 | 100% | 100% | 99% | 96% | 92% | 83% | 77% | 70% | 64% | 59% | 53% | 48% | 43% | 39% | 35% | 31% | | |
| 2003 | 5 096 | 100% | 100% | 98% | 95% | 89% | 83% | 76% | 71% | 65% | 59% | 54% | 48% | 44% | 39% | 35% | | | |
| 2004 | 5 355 | 100% | 99% | 97% | 92% | 87% | 81% | 75% | 70% | 64% | 58% | 54% | 49% | 44% | 40% | | | | |
| 2005 | 5 090 | 100% | 100% | 97% | 93% | 89% | 83% | 78% | 72% | 66% | 61% | 56% | 50% | 45% | | | | | |
| 2006 | 5 165 | 100% | 99% | 97% | 94% | 90% | 85% | 79% | 73% | 67% | 61% | 56% | 50% | | | | | | |
| 2007 | 4 920 | 100% | 99% | 98% | 94% | 90% | 84% | 79% | 73% | 67% | 61% | 54% | | | | | | | |
| 2008 | 5 177 | 100% | 100% | 99% | 96% | 91% | 86% | 81% | 75% | 68% | 62% | | | | | | | | |
| 2009 | 4 883 | 100% | 100% | 98% | 95% | 91% | 86% | 79% | 73% | 67% | | | | | | | | | |
| 2010 | 4 915 | 100% | 100% | 98% | 95% | 91% | 86% | 79% | 72% | | | | | | | | | | |
| 2011 | 4 894 | 100% | 100% | 98% | 95% | 91% | 86% | 78% | | | | | | | | | | | |
| 2012 | 4 694 | 100% | 100% | 99% | 95% | 90% | 84% | | | | | | | | | | | | |
| 2013 | 4 364 | 100% | 100% | 98% | 95% | 89% | | | | | | | | | | | | | |
| 2014 | 4 163 | 100% | 99% | 97% | 93% | | | | | | | | | | | | | | |
| 2015 | 3 240 | 100% | 99% | 97% | | | | | | | | | | | | | | | |
| 2016 | 1 915 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 702 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 128 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

h) Germany

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 113 864 | 60 266 | 57 789 | 16 669 |
| 2001 | 121 230 | 61 644 | 59 352 | 20 899 |
| 2002 | 120 749 | 60 311 | 58 098 | 24 383 |
| 2003 | 126 269 | 61 974 | 59 694 | 28 948 |
| 2004 | 132 572 | 63 861 | 61 644 | 33 766 |
| 2005 | 140 798 | 65 992 | 63 943 | 38 980 |
| 2006 | 145 928 | 68 487 | 66 451 | 44 089 |
| 2007 | 145 667 | 69 504 | 67 495 | 48 034 |
| 2008 | 144 776 | 71 697 | 69 465 | 52 739 |
| 2009 | 137 822 | 69 901 | 67 711 | 54 500 |
| 2010 | 143 043 | 71 811 | 69 522 | 58 786 |
| 2011 | 147 958 | 73 304 | 71 069 | 62 838 |
| 2012 | 151 236 | 74 930 | 72 749 | 66 460 |
| 2013 | 155 038 | 71 456 | 69 629 | 65 204 |
| 2014 | 158 978 | 65 891 | 64 580 | 61 839 |
| 2015 | 156 893 | 50 744 | 49 965 | 48 786 |
| 2016 | 158 515 | 32 071 | 31 787 | 31 427 |
| 2017 | 155 979 | 12 282 | 12 235 | 12 142 |
| 2018 | 98 197 | 2 142 | 2 142 | 2 142 |
| 2019 | 61 934 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 57 789 | 100% | 100% | 99% | 97% | 94% | 91% | 88% | 83% | 76% | 71% | 67% | 62% | 57% | 51% | 46% | 40% | 35% | 29% |
| 2001 | 59 352 | 100% | 100% | 99% | 97% | 95% | 92% | 87% | 82% | 77% | 73% | 68% | 62% | 57% | 52% | 47% | 41% | 35% | |
| 2002 | 58 098 | 100% | 100% | 99% | 97% | 95% | 91% | 87% | 83% | 79% | 74% | 69% | 64% | 58% | 53% | 47% | 42% | | |
| 2003 | 59 694 | 100% | 99% | 99% | 97% | 95% | 91% | 87% | 84% | 80% | 75% | 70% | 65% | 59% | 54% | 48% | | | |
| 2004 | 61 644 | 100% | 99% | 99% | 97% | 94% | 91% | 88% | 84% | 80% | 75% | 70% | 66% | 60% | 55% | | | | |
| 2005 | 63 943 | 100% | 100% | 99% | 97% | 95% | 92% | 89% | 85% | 81% | 76% | 71% | 66% | 61% | | | | | |
| 2006 | 66 451 | 100% | 100% | 99% | 97% | 95% | 93% | 89% | 86% | 81% | 77% | 72% | 66% | | | | | | |
| 2007 | 67 495 | 100% | 100% | 99% | 98% | 96% | 93% | 89% | 86% | 81% | 76% | 71% | | | | | | | |
| 2008 | 69 465 | 100% | 100% | 99% | 98% | 95% | 93% | 89% | 85% | 81% | 76% | | | | | | | | |
| 2009 | 67 711 | 100% | 100% | 99% | 98% | 95% | 93% | 89% | 85% | 80% | | | | | | | | | |
| 2010 | 69 522 | 100% | 100% | 99% | 98% | 95% | 93% | 89% | 85% | | | | | | | | | | |
| 2011 | 71 069 | 100% | 100% | 99% | 98% | 95% | 92% | 88% | | | | | | | | | | | |
| 2012 | 72 749 | 100% | 100% | 99% | 97% | 95% | 91% | | | | | | | | | | | | |
| 2013 | 69 629 | 100% | 100% | 99% | 97% | 94% | | | | | | | | | | | | | |
| 2014 | 64 580 | 100% | 100% | 98% | 96% | | | | | | | | | | | | | | |
| 2015 | 49 965 | 100% | 99% | 98% | | | | | | | | | | | | | | | |
| 2016 | 31 787 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 12 235 | 99% | | | | | | | | | | | | | | | | | |
| 2018 | 2 142 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

i) Denmark

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 71 747 | 34 583 | 16 951 | 1 629 |
| 2001 | 80 210 | 36 897 | 15 872 | 2 088 |
| 2002 | 83 260 | 37 928 | 12 989 | 2 312 |
| 2003 | 90 112 | 40 631 | 11 023 | 2 554 |
| 2004 | 97 759 | 43 688 | 8 593 | 2 930 |
| 2005 | 106 765 | 46 220 | 6 566 | 3 188 |
| 2006 | 113 736 | 49 698 | 6 564 | 3 674 |
| 2007 | 119 798 | 53 641 | 6 361 | 3 889 |
| 2008 | 130 282 | 61 735 | 6 717 | 4 531 |
| 2009 | 134 377 | 67 488 | 6 831 | 4 970 |
| 2010 | 142 988 | 71 753 | 7 076 | 5 501 |
| 2011 | 147 956 | 73 294 | 7 336 | 6 160 |
| 2012 | 151 244 | 74 931 | 7 068 | 6 240 |
| 2013 | 155 053 | 71 472 | 7 066 | 6 580 |
| 2014 | 158 985 | 65 889 | 6 805 | 6 529 |
| 2015 | 156 902 | 50 755 | 5 697 | 5 570 |
| 2016 | 158 517 | 32 085 | 4 194 | 4 169 |
| 2017 | 155 995 | 12 284 | 1 878 | 1 877 |
| 2018 | 98 213 | 2 143 | 567 | 567 |
| 2019 | 61 937 | 5 | 3 | 3 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 16 951 | 98% | 88% | 72% | 57% | 43% | 38% | 35% | 31% | 28% | 25% | 23% | 20% | 18% | 16% | 14% | 12% | 11% | 10% |
| 2001 | 15 872 | 97% | 84% | 67% | 47% | 41% | 39% | 35% | 32% | 30% | 27% | 25% | 23% | 20% | 18% | 16% | 14% | 13% | |
| 2002 | 12 989 | 94% | 79% | 57% | 49% | 47% | 44% | 41% | 38% | 35% | 32% | 29% | 26% | 24% | 21% | 19% | 18% | | |
| 2003 | 11 023 | 92% | 67% | 59% | 58% | 54% | 51% | 48% | 45% | 41% | 38% | 34% | 31% | 28% | 25% | 23% | | | |
| 2004 | 8 593 | 84% | 75% | 74% | 71% | 68% | 65% | 61% | 56% | 52% | 48% | 44% | 40% | 37% | 34% | | | | |
| 2005 | 6 566 | 97% | 96% | 94% | 92% | 88% | 84% | 79% | 73% | 67% | 61% | 56% | 51% | 49% | | | | | |
| 2006 | 6 564 | 100% | 99% | 98% | 96% | 92% | 87% | 82% | 76% | 70% | 64% | 59% | 56% | | | | | | |
| 2007 | 6 361 | 100% | 100% | 98% | 96% | 91% | 87% | 82% | 76% | 70% | 65% | 61% | | | | | | | |
| 2008 | 6 717 | 100% | 100% | 99% | 96% | 92% | 87% | 82% | 77% | 71% | 67% | | | | | | | | |
| 2009 | 6 831 | 100% | 100% | 98% | 96% | 92% | 87% | 82% | 77% | 73% | | | | | | | | | |
| 2010 | 7 076 | 100% | 100% | 98% | 96% | 92% | 87% | 82% | 78% | | | | | | | | | | |
| 2011 | 7 336 | 100% | 100% | 99% | 96% | 93% | 88% | 84% | | | | | | | | | | | |
| 2012 | 7 068 | 100% | 100% | 99% | 96% | 92% | 88% | | | | | | | | | | | | |
| 2013 | 7 066 | 100% | 100% | 98% | 96% | 93% | | | | | | | | | | | | | |
| 2014 | 6 805 | 100% | 100% | 98% | 96% | | | | | | | | | | | | | | |
| 2015 | 5 697 | 100% | 100% | 98% | | | | | | | | | | | | | | | |
| 2016 | 4 194 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 1 878 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 567 | | | | | | | | | | | | | | | | | | |
| 2019 | 3 | | | | | | | | | | | | | | | | | | |

j) Estonia

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | 42 147 | 19 180 | 1 054 | 305 |
| 2003 | 89 467 | 40 249 | 1 951 | 652 |
| 2004 | 97 320 | 43 417 | 1 831 | 719 |
| 2005 | 106 349 | 45 973 | 1 607 | 729 |
| 2006 | 113 344 | 49 469 | 1 638 | 794 |
| 2007 | 119 509 | 53 441 | 1 389 | 727 |
| 2008 | 130 123 | 61 618 | 1 349 | 787 |
| 2009 | 134 320 | 67 439 | 1 254 | 834 |
| 2010 | 142 972 | 71 738 | 1 258 | 852 |
| 2011 | 147 946 | 73 284 | 1 187 | 938 |
| 2012 | 151 240 | 74 927 | 1 098 | 902 |
| 2013 | 155 050 | 71 468 | 1 166 | 1 034 |
| 2014 | 158 975 | 65 879 | 936 | 859 |
| 2015 | 156 895 | 50 749 | 680 | 648 |
| 2016 | 158 513 | 32 081 | 344 | 340 |
| 2017 | 155 992 | 12 284 | 83 | 83 |
| 2018 | 98 211 | 2 142 | 11 | 11 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | 1 054 | 100% | 100% | 99% | 96% | 92% | 83% | 77% | 70% | 62% | 57% | 52% | 47% | 42% | 38% | 33% | 29% | | |
| 2003 | 1 951 | 100% | 100% | 98% | 95% | 88% | 82% | 75% | 70% | 64% | 59% | 53% | 47% | 43% | 38% | 33% | | | |
| 2004 | 1 831 | 100% | 100% | 97% | 92% | 88% | 81% | 74% | 69% | 63% | 57% | 53% | 48% | 44% | 39% | | | | |
| 2005 | 1 607 | 100% | 99% | 97% | 94% | 89% | 82% | 77% | 71% | 65% | 60% | 54% | 49% | 45% | | | | | |
| 2006 | 1 638 | 100% | 99% | 98% | 94% | 89% | 84% | 78% | 71% | 65% | 59% | 54% | 48% | | | | | | |
| 2007 | 1 389 | 100% | 99% | 97% | 94% | 89% | 83% | 78% | 71% | 65% | 59% | 54% | 48% | | | | | | |
| 2008 | 1 349 | 100% | 100% | 98% | 95% | 89% | 83% | 77% | 70% | 63% | 58% | | | | | | | | |
| 2009 | 1 254 | 100% | 100% | 98% | 96% | 92% | 86% | 79% | 72% | 67% | | | | | | | | | |
| 2010 | 1 258 | 100% | 100% | 98% | 94% | 88% | 82% | 76% | 68% | | | | | | | | | | |
| 2011 | 1 187 | 100% | 100% | 98% | 96% | 92% | 85% | 79% | | | | | | | | | | | |
| 2012 | 1 098 | 100% | 100% | 99% | 95% | 90% | 82% | | | | | | | | | | | | |
| 2013 | 1 166 | 100% | 100% | 98% | 95% | 89% | | | | | | | | | | | | | |
| 2014 | 936 | 100% | 99% | 97% | 92% | | | | | | | | | | | | | | |
| 2015 | 680 | 100% | 99% | 95% | | | | | | | | | | | | | | | |
| 2016 | 344 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 83 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 11 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

k) Spain

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 79 066 | 39 549 | 28 885 | 4 989 |
| 2001 | 86 645 | 41 282 | 29 899 | 6 145 |
| 2002 | 88 978 | 41 759 | 29 190 | 7 072 |
| 2003 | 95 220 | 43 993 | 29 667 | 7 980 |
| 2004 | 102 422 | 46 728 | 29 676 | 8 949 |
| 2005 | 110 840 | 48 899 | 29 175 | 10 011 |
| 2006 | 117 444 | 52 167 | 29 157 | 11 358 |
| 2007 | 122 861 | 55 701 | 28 496 | 12 454 |
| 2008 | 132 060 | 63 022 | 28 358 | 13 952 |
| 2009 | 134 822 | 67 842 | 25 755 | 14 560 |
| 2010 | 143 021 | 71 783 | 22 296 | 15 031 |
| 2011 | 147 962 | 73 301 | 19 365 | 15 721 |
| 2012 | 151 263 | 74 950 | 18 041 | 16 427 |
| 2013 | 155 072 | 71 491 | 17 186 | 16 303 |
| 2014 | 158 985 | 65 888 | 15 989 | 15 621 |
| 2015 | 156 909 | 50 759 | 12 807 | 12 709 |
| 2016 | 158 526 | 32 092 | 8 274 | 8 261 |
| 2017 | 155 997 | 12 284 | 3 481 | 3 480 |
| 2018 | 98 211 | 2 143 | 673 | 673 |
| 2019 | 61 937 | 5 | 2 | 2 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 28 885 | 100% | 96% | 90% | 83% | 75% | 68% | 62% | 54% | 48% | 43% | 38% | 34% | 30% | 27% | 24% | 20% | 18% | 17% |
| 2001 | 29 899 | 99% | 96% | 90% | 81% | 74% | 67% | 59% | 52% | 47% | 42% | 38% | 34% | 30% | 27% | 24% | 21% | 21% | |
| 2002 | 29 190 | 99% | 95% | 88% | 80% | 74% | 65% | 58% | 52% | 46% | 41% | 38% | 34% | 31% | 27% | 25% | 24% | | |
| 2003 | 29 667 | 99% | 93% | 86% | 79% | 71% | 63% | 57% | 51% | 45% | 41% | 38% | 34% | 31% | 27% | 27% | | | |
| 2004 | 29 676 | 97% | 91% | 85% | 77% | 69% | 62% | 55% | 49% | 45% | 41% | 38% | 34% | 31% | 30% | | | | |
| 2005 | 29 175 | 97% | 91% | 83% | 75% | 67% | 59% | 53% | 49% | 46% | 42% | 38% | 35% | 34% | | | | | |
| 2006 | 29 157 | 97% | 90% | 82% | 73% | 64% | 57% | 54% | 50% | 47% | 43% | 39% | 39% | | | | | | |
| 2007 | 28 496 | 96% | 89% | 80% | 70% | 62% | 59% | 56% | 52% | 48% | 44% | 44% | | | | | | | |
| 2008 | 28 358 | 96% | 88% | 77% | 67% | 64% | 61% | 58% | 54% | 50% | 49% | | | | | | | | |
| 2009 | 25 755 | 95% | 83% | 72% | 70% | 68% | 65% | 61% | 57% | 57% | | | | | | | | | |
| 2010 | 22 296 | 93% | 82% | 81% | 79% | 76% | 72% | 68% | 67% | | | | | | | | | | |
| 2011 | 19 365 | 93% | 93% | 92% | 90% | 86% | 82% | 81% | | | | | | | | | | | |
| 2012 | 18 041 | 99% | 99% | 98% | 96% | 92% | 91% | | | | | | | | | | | | |
| 2013 | 17 186 | 100% | 100% | 98% | 96% | 95% | | | | | | | | | | | | | |
| 2014 | 15 989 | 100% | 100% | 98% | 98% | | | | | | | | | | | | | | |
| 2015 | 12 807 | 100% | 100% | 99% | | | | | | | | | | | | | | | |
| 2016 | 8 274 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 3 481 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 673 | | | | | | | | | | | | | | | | | | |
| 2019 | 2 | | | | | | | | | | | | | | | | | | |

I) Finland

| Filing year | Applications atled | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 72 490 | 35 081 | 6 925 | 1 333 |
| 2001 | 80 874 | 37 334 | 6 540 | 1 681 |
| 2002 | 83 745 | 38 212 | 5 945 | 1 759 |
| 2003 | 90 731 | 40 952 | 5 709 | 1 962 |
| 2004 | 98 267 | 43 973 | 5 416 | 2 190 |
| 2005 | 107 242 | 46 507 | 5 289 | 2 525 |
| 2006 | 114 215 | 49 924 | 5 344 | 2 795 |
| 2007 | 120 145 | 53 813 | 4 999 | 2 840 |
| 2008 | 130 398 | 61 800 | 5 248 | 3 345 |
| 2009 | 134 379 | 67 484 | 4 959 | 3 456 |
| 2010 | 142 987 | 71 752 | 4 944 | 3 625 |
| 2011 | 147 962 | 73 300 | 4 871 | 3 926 |
| 2012 | 151 245 | 74 931 | 4 665 | 3 908 |
| 2013 | 155 062 | 71 481 | 4 510 | 4 028 |
| 2014 | 158 980 | 65 883 | 4 077 | 3 777 |
| 2015 | 156 901 | 50 751 | 3 008 | 2 879 |
| 2016 | 158 518 | 32 084 | 1 724 | 1 704 |
| 2017 | 155 993 | 12 284 | 506 | 504 |
| 2018 | 98 212 | 2 142 | 93 | 93 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 6 925 | 100% | 100% | 98% | 95% | 90% | 85% | 78% | 69% | 63% | 56% | 50% | 45% | 40% | 36% | 31% | 27% | 23% | 19% |
| 2001 | 6 540 | 100% | 100% | 99% | 96% | 92% | 87% | 78% | 71% | 65% | 59% | 53% | 48% | 43% | 39% | 34% | 30% | 26% | |
| 2002 | 5 945 | 100% | 100% | 98% | 96% | 92% | 84% | 78% | 71% | 65% | 59% | 53% | 48% | 43% | 38% | 34% | 30% | | |
| 2003 | 5 709 | 100% | 100% | 98% | 96% | 90% | 84% | 78% | 72% | 66% | 60% | 54% | 49% | 44% | 39% | 34% | | | |
| 2004 | 5 416 | 100% | 100% | 98% | 94% | 89% | 84% | 78% | 72% | 66% | 60% | 55% | 50% | 45% | 40% | | | | |
| 2005 | 5 289 | 100% | 100% | 97% | 94% | 90% | 84% | 79% | 73% | 67% | 62% | 57% | 53% | 48% | | | | | |
| 2006 | 5 344 | 100% | 100% | 98% | 95% | 91% | 86% | 80% | 74% | 69% | 63% | 58% | 52% | | | | | | |
| 2007 | 4 999 | 100% | 100% | 98% | 96% | 91% | 85% | 79% | 74% | 68% | 63% | 57% | | | | | | | |
| 2008 | 5 248 | 100% | 100% | 99% | 95% | 91% | 86% | 81% | 75% | 70% | 64% | | | | | | | | |
| 2009 | 4 959 | 100% | 100% | 98% | 95% | 91% | 86% | 81% | 76% | 70% | | | | | | | | | |
| 2010 | 4 944 | 100% | 100% | 98% | 95% | 91% | 86% | 80% | 73% | | | | | | | | | | |
| 2011 | 4 871 | 100% | 100% | 99% | 96% | 92% | 87% | 81% | | | | | | | | | | | |
| 2012 | 4 665 | 100% | 100% | 98% | 95% | 91% | 84% | | | | | | | | | | | | |
| 2013 | 4 510 | 100% | 100% | 98% | 95% | 89% | | | | | | | | | | | | | |
| 2014 | 4 077 | 100% | 100% | 98% | 93% | | | | | | | | | | | | | | |
| 2015 | 3 008 | 100% | 99% | 96% | | | | | | | | | | | | | | | |
| 2016 | 1 724 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 506 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 93 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

m) France

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 109 067 | 57 277 | 49 118 | 11 994 |
| 2001 | 116 316 | 58 639 | 50 876 | 15 134 |
| 2002 | 116 226 | 57 636 | 50 701 | 17 855 |
| 2003 | 121 696 | 59 275 | 52 636 | 21 339 |
| 2004 | 128 200 | 61 322 | 54 805 | 24 953 |
| 2005 | 136 044 | 63 226 | 57 095 | 28 842 |
| 2006 | 140 835 | 65 477 | 59 216 | 32 937 |
| 2007 | 141 602 | 66 898 | 60 459 | 36 504 |
| 2008 | 141 692 | 69 515 | 62 043 | 40 238 |
| 2009 | 137 126 | 69 430 | 61 256 | 42 168 |
| 2010 | 143 098 | 71 867 | 63 312 | 46 204 |
| 2011 | 147 997 | 73 341 | 64 623 | 50 103 |
| 2012 | 151 291 | 74 979 | 66 548 | 53 667 |
| 2013 | 155 094 | 71 515 | 64 314 | 54 068 |
| 2014 | 159 038 | 65 939 | 60 389 | 52 924 |
| 2015 | 156 948 | 50 792 | 47 345 | 43 178 |
| 2016 | 158 554 | 32 111 | 30 417 | 28 781 |
| 2017 | 156 009 | 12 297 | 11 854 | 11 465 |
| 2018 | 98 206 | 2 143 | 2 139 | 2 139 |
| 2019 | 61 938 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 49 118 | 100% | 100% | 98% | 95% | 90% | 85% | 78% | 69% | 63% | 56% | 50% | 45% | 40% | 36% | 31% | 27% | 23% | 19% |
| 2001 | 50 876 | 100% | 100% | 99% | 96% | 92% | 87% | 78% | 71% | 65% | 59% | 53% | 48% | 43% | 39% | 34% | 30% | 26% | |
| 2002 | 50 701 | 100% | 100% | 98% | 96% | 92% | 84% | 78% | 71% | 65% | 59% | 53% | 48% | 43% | 38% | 34% | 30% | | |
| 2003 | 52 636 | 100% | 100% | 98% | 96% | 90% | 84% | 78% | 72% | 66% | 60% | 54% | 49% | 44% | 39% | 34% | | | |
| 2004 | 54 805 | 100% | 100% | 98% | 94% | 89% | 84% | 78% | 72% | 66% | 60% | 55% | 50% | 45% | 40% | | | | |
| 2005 | 57 095 | 100% | 100% | 97% | 94% | 90% | 84% | 79% | 73% | 67% | 62% | 57% | 53% | 48% | | | | | |
| 2006 | 59 216 | 100% | 100% | 98% | 95% | 91% | 86% | 80% | 74% | 69% | 63% | 58% | 52% | | | | | | |
| 2007 | 60 459 | 100% | 100% | 98% | 96% | 91% | 85% | 79% | 74% | 68% | 63% | 57% | | | | | | | |
| 2008 | 62 043 | 100% | 100% | 99% | 95% | 91% | 86% | 81% | 75% | 70% | 64% | | | | | | | | |
| 2009 | 61 256 | 100% | 100% | 98% | 95% | 91% | 86% | 81% | 76% | 70% | | | | | | | | | |
| 2010 | 63 312 | 100% | 100% | 98% | 95% | 91% | 86% | 80% | 73% | | | | | | | | | | |
| 2011 | 64 623 | 100% | 100% | 99% | 96% | 92% | 87% | 81% | | | | | | | | | | | |
| 2012 | 66 548 | 100% | 100% | 98% | 95% | 91% | 84% | | | | | | | | | | | | |
| 2013 | 64 314 | 100% | 100% | 98% | 95% | 89% | | | | | | | | | | | | | |
| 2014 | 60 389 | 100% | 100% | 98% | 93% | | | | | | | | | | | | | | |
| 2015 | 47 345 | 100% | 99% | 96% | | | | | | | | | | | | | | | |
| 2016 | 30 417 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 11 854 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 2 139 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

n) United Kingdom

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 109 151 | 57 222 | 51 265 | 12 077 |
| 2001 | 116 244 | 58 293 | 52 359 | 14 968 |
| 2002 | 115 750 | 57 102 | 51 091 | 17 307 |
| 2003 | 120 865 | 58 452 | 52 226 | 20 368 |
| 2004 | 127 091 | 60 298 | 53 793 | 23 843 |
| 2005 | 135 016 | 62 285 | 56 175 | 27 468 |
| 2006 | 139 770 | 64 420 | 58 576 | 31 428 |
| 2007 | 140 490 | 65 891 | 59 618 | 34 254 |
| 2008 | 141 256 | 69 019 | 62 019 | 38 081 |
| 2009 | 136 866 | 69 160 | 61 331 | 39 659 |
| 2010 | 142 812 | 71 616 | 63 750 | 43 426 |
| 2011 | 147 731 | 73 112 | 64 978 | 46 996 |
| 2012 | 150 960 | 74 697 | 66 870 | 50 402 |
| 2013 | 154 738 | 71 239 | 65 232 | 51 385 |
| 2014 | 158 729 | 65 713 | 61 696 | 50 364 |
| 2015 | 156 711 | 50 628 | 49 411 | 42 706 |
| 2016 | 158 374 | 32 003 | 32 002 | 32 002 |
| 2017 | 155 933 | 12 280 | 12 280 | 12 280 |
| 2018 | 98 190 | 2 141 | 2 141 | 2 141 |
| 2019 | 61 930 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 51 265 | 100% | 100% | 100% | 98% | 95% | 90% | 85% | 79% | 71% | 64% | 58% | 53% | 47% | 41% | 35% | 29% | 24% | 18% |
| 2001 | 52 359 | 100% | 100% | 100% | 98% | 96% | 92% | 87% | 80% | 74% | 69% | 64% | 58% | 53% | 47% | 42% | 37% | 32% | 29% |
| 2002 | 51 091 | 100% | 100% | 100% | 98% | 95% | 91% | 85% | 80% | 75% | 70% | 64% | 58% | 53% | 47% | 42% | 37% | 34% | |
| 2003 | 52 226 | 100% | 100% | 100% | 97% | 95% | 89% | 84% | 80% | 75% | 69% | 64% | 58% | 53% | 48% | 42% | 39% | | |
| 2004 | 53 793 | 100% | 100% | 100% | 97% | 93% | 88% | 84% | 80% | 75% | 69% | 64% | 59% | 53% | 48% | 44% | | | |
| 2005 | 56 175 | 100% | 100% | 100% | 95% | 92% | 88% | 84% | 79% | 74% | 68% | 63% | 58% | 53% | 49% | | | | |
| 2006 | 58 576 | 100% | 100% | 100% | 94% | 91% | 87% | 83% | 78% | 73% | 68% | 63% | 57% | 54% | | | | | |
| 2007 | 59 618 | 100% | 100% | 100% | 94% | 90% | 86% | 82% | 77% | 72% | 67% | 61% | 57% | | | | | | |
| 2008 | 62 019 | 100% | 100% | 100% | 93% | 90% | 85% | 81% | 76% | 71% | 65% | 61% | | | | | | | |
| 2009 | 61 331 | 100% | 100% | 100% | 92% | 88% | 84% | 80% | 75% | 69% | 65% | | | | | | | | |
| 2010 | 63 750 | 100% | 100% | 100% | 91% | 88% | 83% | 78% | 73% | 68% | | | | | | | | | |
| 2011 | 64 978 | 100% | 100% | 100% | 91% | 87% | 82% | 77% | 72% | | | | | | | | | | |
| 2012 | 66 870 | 100% | 100% | 100% | 91% | 86% | 80% | 75% | | | | | | | | | | | |
| 2013 | 65 232 | 100% | 100% | 100% | 90% | 84% | 79% | | | | | | | | | | | | |
| 2014 | 61 696 | 100% | 100% | 100% | 88% | 82% | | | | | | | | | | | | | |
| 2015 | 49 411 | 100% | 100% | 100% | 86% | | | | | | | | | | | | | | |
| 2016 | 32 002 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2017 | 12 280 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2018 | 2 141 | 100% | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

o) Greece

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 70 974 | 34 137 | 18 299 | 974 |
| 2001 | 79 558 | 36 604 | 20 799 | 1 202 |
| 2002 | 82 698 | 37 597 | 20 577 | 1 238 |
| 2003 | 89 627 | 40 317 | 21 672 | 1 317 |
| 2004 | 97 425 | 43 482 | 22 884 | 1 541 |
| 2005 | 106 432 | 46 029 | 23 958 | 1 723 |
| 2006 | 113 396 | 49 497 | 25 868 | 1 998 |
| 2007 | 119 557 | 53 471 | 27 061 | 2 006 |
| 2008 | 130 145 | 61 633 | 30 991 | 2 343 |
| 2009 | 134 329 | 67 445 | 33 158 | 2 684 |
| 2010 | 142 976 | 71 742 | 35 636 | 3 279 |
| 2011 | 147 947 | 73 285 | 37 030 | 4 036 |
| 2012 | 151 240 | 74 928 | 38 449 | 4 547 |
| 2013 | 155 049 | 71 468 | 38 427 | 5 604 |
| 2014 | 158 976 | 65 880 | 36 776 | 6 715 |
| 2015 | 156 896 | 50 748 | 29 336 | 7 210 |
| 2016 | 158 508 | 32 081 | 20 244 | 7 092 |
| 2017 | 155 992 | 12 284 | 8 306 | 3 637 |
| 2018 | 98 209 | 2 142 | 2 118 | 1 276 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|
| 2000 | 18 299 | 100% | 91% | 76% | 61% | 48% | 39% | 33% | 27% | 22% | 18% | 15% | 13% | 11% | 10% | 8% | 7% | 6% | 5% |
| 2001 | 20 799 | 98% | 87% | 73% | 57% | 46% | 39% | 31% | 26% | 21% | 18% | 15% | 13% | 11% | 10% | 8% | 7% | 6% | |
| 2002 | 20 577 | 96% | 86% | 71% | 58% | 49% | 40% | 33% | 27% | 22% | 18% | 15% | 13% | 11% | 9% | 7% | 6% | | |
| 2003 | 21 672 | 95% | 82% | 69% | 58% | 48% | 39% | 32% | 27% | 22% | 18% | 15% | 12% | 10% | 8% | 6% | | | |
| 2004 | 22 884 | 93% | 81% | 69% | 58% | 48% | 40% | 33% | 27% | 22% | 19% | 15% | 12% | 9% | 7% | | | | |
| 2005 | 23 958 | 94% | 82% | 70% | 59% | 49% | 40% | 32% | 27% | 22% | 18% | 13% | 10% | 7% | | | | | |
| 2006 | 25 868 | 94% | 82% | 70% | 59% | 48% | 39% | 32% | 26% | 21% | 16% | 11% | 8% | | | | | | |
| 2007 | 27 061 | 94% | 82% | 70% | 58% | 47% | 39% | 32% | 25% | 18% | 12% | 7% | | | | | | | |
| 2008 | 30 991 | 94% | 83% | 70% | 57% | 47% | 38% | 30% | 21% | 14% | 8% | | | | | | | | |
| 2009 | 33 158 | 94% | 81% | 68% | 56% | 45% | 36% | 25% | 16% | 8% | | | | | | | | | |
| 2010 | 35 636 | 94% | 81% | 68% | 55% | 43% | 30% | 19% | 9% | | | | | | | | | | |
| 2011 | 37 030 | 94% | 82% | 67% | 53% | 38% | 24% | 11% | | | | | | | | | | | |
| 2012 | 38 449 | 94% | 79% | 63% | 45% | 28% | 12% | | | | | | | | | | | | |
| 2013 | 38 427 | 94% | 79% | 57% | 35% | 15% | | | | | | | | | | | | | |
| 2014 | 36 776 | 93% | 73% | 47% | 18% | | | | | | | | | | | | | | |
| 2015 | 29 336 | 88% | 62% | 25% | | | | | | | | | | | | | | | |
| 2016 | 20 244 | 80% | 35% | | | | | | | | | | | | | | | | |
| 2017 | 8 306 | 44% | | | | | | | | | | | | | | | | | |
| 2018 | 2 118 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

p) Croatia

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | | | | |
| 2005 | | | | |
| 2006 | | | | |
| 2007 | | | | |
| 2008 | 130 100 | 61 615 | 1 796 | 912 |
| 2009 | 134 320 | 67 440 | 1 784 | 984 |
| 2010 | 142 975 | 71 741 | 1 747 | 1 104 |
| 2011 | 147 946 | 73 284 | 1 457 | 1 090 |
| 2012 | 151 239 | 74 927 | 1 398 | 1 157 |
| 2013 | 155 050 | 71 468 | 1 349 | 1 194 |
| 2014 | 158 976 | 65 880 | 1 199 | 1 102 |
| 2015 | 156 896 | 50 748 | 853 | 806 |
| 2016 | 158 513 | 32 081 | 474 | 467 |
| 2017 | 155 992 | 12 284 | 119 | 119 |
| 2018 | 98 211 | 2 142 | 23 | 23 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | | | | | | | | | | | | | | | | | | | |
| 2005 | | | | | | | | | | | | | | | | | | | |
| 2006 | | | | | | | | | | | | | | | | | | | |
| 2007 | | | | | | | | | | | | | | | | | | | |
| 2008 | 1 796 | 100% | 100% | 98% | 83% | 79% | 73% | 68% | 62% | 55% | 51% | | | | | | | | |
| 2009 | 1 784 | 100% | 100% | 84% | 81% | 77% | 72% | 67% | 60% | 55% | | | | | | | | | |
| 2010 | 1 747 | 100% | 90% | 88% | 85% | 81% | 75% | 70% | 63% | | | | | | | | | | |
| 2011 | 1 457 | 96% | 96% | 95% | 92% | 88% | 81% | 75% | | | | | | | | | | | |
| 2012 | 1 398 | 100% | 99% | 98% | 94% | 88% | 83% | | | | | | | | | | | | |
| 2013 | 1 349 | 100% | 99% | 98% | 94% | 89% | | | | | | | | | | | | | |
| 2014 | 1 199 | 100% | 99% | 97% | 92% | | | | | | | | | | | | | | |
| 2015 | 853 | 100% | 99% | 94% | | | | | | | | | | | | | | | |
| 2016 | 474 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 119 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 23 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

q) Hungary

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | 89 434 | 40 302 | 16 409 | 2 009 |
| 2004 | 97 487 | 43 530 | 15 481 | 2 642 |
| 2005 | 106 521 | 46 099 | 13 909 | 3 349 |
| 2006 | 113 577 | 49 615 | 12 344 | 4 341 |
| 2007 | 119 836 | 53 647 | 10 147 | 5 379 |
| 2008 | 130 260 | 61 701 | 9 729 | 7 685 |
| 2009 | 134 354 | 67 463 | 10 853 | 9 650 |
| 2010 | 142 976 | 71 741 | 13 853 | 12 786 |
| 2011 | 147 949 | 73 287 | 17 447 | 16 670 |
| 2012 | 151 242 | 74 929 | 21 520 | 20 801 |
| 2013 | 155 051 | 71 469 | 27 326 | 26 911 |
| 2014 | 158 976 | 65 880 | 33 585 | 33 361 |
| 2015 | 156 897 | 50 748 | 34 789 | 34 686 |
| 2016 | 158 514 | 32 082 | 27 128 | 27 099 |
| 2017 | 155 992 | 12 284 | 12 258 | 12 255 |
| 2018 | 98 211 | 2 142 | 2 142 | 2 142 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | 16 409 | 97% | 83% | 64% | 49% | 34% | 24% | 22% | 21% | 20% | 18% | 17% | 16% | 14% | 13% | 12% | | | |
| 2004 | 15 481 | 96% | 79% | 61% | 42% | 30% | 28% | 26% | 25% | 23% | 22% | 21% | 19% | 18% | 17% | | | | |
| 2005 | 13 909 | 95% | 77% | 54% | 38% | 37% | 35% | 33% | 31% | 30% | 28% | 27% | 25% | 24% | | | | | |
| 2006 | 12 344 | 94% | 72% | 50% | 49% | 47% | 46% | 44% | 42% | 40% | 38% | 37% | 35% | | | | | | |
| 2007 | 10 147 | 92% | 70% | 70% | 68% | 66% | 64% | 62% | 59% | 57% | 55% | 53% | | | | | | | |
| 2008 | 9 729 | 94% | 94% | 94% | 92% | 90% | 88% | 86% | 83% | 81% | 79% | | | | | | | | |
| 2009 | 10 853 | 100% | 100% | 99% | 98% | 97% | 95% | 93% | 91% | 89% | | | | | | | | | |
| 2010 | 13 853 | 100% | 100% | 99% | 98% | 97% | 96% | 94% | 92% | | | | | | | | | | |
| 2011 | 17 447 | 100% | 100% | 100% | 99% | 98% | 97% | 96% | | | | | | | | | | | |
| 2012 | 21 520 | 99% | 99% | 99% | 99% | 98% | 97% | | | | | | | | | | | | |
| 2013 | 27 326 | 100% | 100% | 100% | 99% | 98% | | | | | | | | | | | | | |
| 2014 | 33 585 | 100% | 100% | 100% | 99% | | | | | | | | | | | | | | |
| 2015 | 34 789 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2016 | 27 128 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 12 258 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 2 142 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

r) Ireland

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 71 683 | 34 594 | 16 302 | 1 651 |
| 2001 | 80 348 | 37 060 | 17 732 | 2 123 |
| 2002 | 83 245 | 37 957 | 17 464 | 2 477 |
| 2003 | 90 177 | 40 667 | 18 625 | 2 821 |
| 2004 | 97 873 | 43 724 | 19 587 | 3 333 |
| 2005 | 106 855 | 46 270 | 20 978 | 3 862 |
| 2006 | 113 915 | 49 789 | 23 304 | 4 488 |
| 2007 | 120 041 | 53 776 | 25 138 | 5 078 |
| 2008 | 130 428 | 61 822 | 30 384 | 6 275 |
| 2009 | 134 387 | 67 484 | 34 142 | 7 353 |
| 2010 | 142 969 | 71 735 | 38 777 | 9 085 |
| 2011 | 147 937 | 73 278 | 40 893 | 11 393 |
| 2012 | 151 231 | 74 920 | 43 105 | 13 316 |
| 2013 | 155 044 | 71 464 | 43 683 | 16 331 |
| 2014 | 158 970 | 65 876 | 42 582 | 19 490 |
| 2015 | 156 888 | 50 740 | 34 862 | 19 950 |
| 2016 | 158 499 | 32 078 | 23 604 | 17 053 |
| 2017 | 155 981 | 12 280 | 9 734 | 7 955 |
| 2018 | 98 207 | 2 140 | 2 140 | 2 140 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 2000 | 16 302 | 100% | 99% | 90% | 78% | 67% | 57% | 49% | 40% | 35% | 29% | 25% | 21% | 18% | 15% | 13% | 10% | 8% | 7% |
| 2001 | 17 732 | 100% | 98% | 89% | 78% | 67% | 58% | 49% | 42% | 37% | 32% | 28% | 24% | 22% | 19% | 16% | 14% | 12% | |
| 2002 | 17 464 | 100% | 96% | 88% | 78% | 68% | 58% | 51% | 44% | 38% | 33% | 28% | 25% | 22% | 19% | 16% | 14% | | |
| 2003 | 18 625 | 100% | 95% | 86% | 77% | 66% | 58% | 51% | 45% | 38% | 32% | 28% | 25% | 21% | 18% | 15% | | | |
| 2004 | 19 587 | 100% | 94% | 86% | 76% | 68% | 60% | 52% | 44% | 38% | 33% | 29% | 24% | 20% | 17% | | | | |
| 2005 | 20 978 | 100% | 95% | 86% | 78% | 69% | 61% | 51% | 44% | 38% | 32% | 27% | 22% | 18% | | | | | |
| 2006 | 23 304 | 100% | 94% | 87% | 78% | 69% | 58% | 50% | 42% | 36% | 29% | 24% | 19% | | | | | | |
| 2007 | 25 138 | 100% | 95% | 87% | 78% | 67% | 57% | 48% | 41% | 33% | 26% | 20% | | | | | | | |
| 2008 | 30 384 | 100% | 96% | 88% | 75% | 63% | 54% | 45% | 36% | 28% | 21% | | | | | | | | |
| 2009 | 34 142 | 99% | 95% | 81% | 70% | 59% | 50% | 39% | 30% | 22% | | | | | | | | | |
| 2010 | 38 777 | 99% | 92% | 78% | 67% | 56% | 44% | 33% | 23% | | | | | | | | | | |
| 2011 | 40 893 | 98% | 91% | 78% | 66% | 52% | 40% | 28% | | | | | | | | | | | |
| 2012 | 43 105 | 98% | 91% | 77% | 61% | 45% | 31% | | | | | | | | | | | | |
| 2013 | 43 683 | 98% | 92% | 74% | 56% | 37% | | | | | | | | | | | | | |
| 2014 | 42 582 | 98% | 89% | 69% | 46% | | | | | | | | | | | | | | |
| 2015 | 34 862 | 96% | 84% | 57% | | | | | | | | | | | | | | | |
| 2016 | 23 604 | 94% | 72% | | | | | | | | | | | | | | | | |
| 2017 | 9 734 | 82% | | | | | | | | | | | | | | | | | |
| 2018 | 2 140 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

s) Iceland

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | 18 273 | 8 170 | 510 | 136 |
| 2005 | 106 336 | 45 975 | 22 861 | 1 066 |
| 2006 | 113 340 | 49 467 | 24 869 | 1 346 |
| 2007 | 119 512 | 53 444 | 26 112 | 1 449 |
| 2008 | 130 114 | 61 614 | 30 082 | 2 053 |
| 2009 | 134 319 | 67 439 | 32 387 | 2 667 |
| 2010 | 142 973 | 71 739 | 35 029 | 3 573 |
| 2011 | 147 946 | 73 284 | 36 813 | 4 894 |
| 2012 | 151 240 | 74 927 | 38 767 | 6 079 |
| 2013 | 155 050 | 71 468 | 39 006 | 8 130 |
| 2014 | 158 975 | 65 879 | 37 747 | 10 554 |
| 2015 | 156 894 | 50 747 | 30 606 | 11 455 |
| 2016 | 158 513 | 32 081 | 21 586 | 10 641 |
| 2017 | 155 992 | 12 284 | 8 918 | 5 132 |
| 2018 | 98 211 | 2 142 | 2 122 | 1 574 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | 510 | 100% | 96% | 91% | 77% | 70% | 64% | 59% | 50% | 45% | 39% | 36% | 31% | 27% | 24% | | | | |
| 2005 | 22 861 | 95% | 81% | 68% | 56% | 45% | 36% | 29% | 23% | 19% | 14% | 10% | 7% | 5% | | | | | |
| 2006 | 24 869 | 94% | 82% | 69% | 56% | 44% | 36% | 29% | 23% | 18% | 13% | 9% | 5% | | | | | | |
| 2007 | 26 112 | 95% | 82% | 68% | 55% | 46% | 37% | 30% | 22% | 15% | 10% | 6% | | | | | | | |
| 2008 | 30 082 | 95% | 84% | 69% | 57% | 46% | 37% | 29% | 20% | 13% | 7% | | | | | | | | |
| 2009 | 32 387 | 95% | 82% | 69% | 57% | 46% | 35% | 24% | 16% | 8% | | | | | | | | | |
| 2010 | 35 029 | 95% | 83% | 69% | 56% | 43% | 30% | 20% | 10% | | | | | | | | | | |
| 2011 | 36 813 | 95% | 84% | 69% | 54% | 38% | 26% | 13% | | | | | | | | | | | |
| 2012 | 38 767 | 95% | 82% | 65% | 46% | 31% | 16% | | | | | | | | | | | | |
| 2013 | 39 006 | 95% | 82% | 59% | 41% | 21% | | | | | | | | | | | | | |
| 2014 | 37 747 | 94% | 76% | 55% | 28% | | | | | | | | | | | | | | |
| 2015 | 30 606 | 90% | 72% | 37% | | | | | | | | | | | | | | | |
| 2016 | 21 586 | 87% | 49% | | | | | | | | | | | | | | | | |
| 2017 | 8 918 | 58% | | | | | | | | | | | | | | | | | |
| 2018 | 2 122 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

t) Italy

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 91 529 | 47 394 | 31 113 | 6 719 |
| 2001 | 98 467 | 48 573 | 30 975 | 8 357 |
| 2002 | 99 789 | 48 518 | 30 119 | 9 502 |
| 2003 | 104 985 | 49 968 | 29 894 | 11 244 |
| 2004 | 111 483 | 52 264 | 29 698 | 12 391 |
| 2005 | 119 472 | 54 254 | 29 080 | 14 170 |
| 2006 | 125 114 | 57 005 | 28 761 | 16 357 |
| 2007 | 128 572 | 59 563 | 28 626 | 18 158 |
| 2008 | 134 792 | 65 062 | 28 943 | 20 119 |
| 2009 | 135 432 | 68 332 | 27 791 | 20 984 |
| 2010 | 143 047 | 71 810 | 27 742 | 22 505 |
| 2011 | 147 981 | 73 319 | 27 814 | 24 060 |
| 2012 | 151 273 | 74 961 | 28 229 | 25 576 |
| 2013 | 155 086 | 71 505 | 27 349 | 25 809 |
| 2014 | 158 998 | 65 902 | 26 823 | 25 994 |
| 2015 | 156 916 | 50 767 | 21 774 | 21 530 |
| 2016 | 158 530 | 32 096 | 15 549 | 15 549 |
| 2017 | 156 008 | 12 293 | 6 458 | 6 458 |
| 2018 | 98 211 | 2 143 | 1 601 | 1 601 |
| 2019 | 61 938 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 31 113 | 100% | 100% | 100% | 96% | 96% | 88% | 80% | 71% | 64% | 58% | 53% | 48% | 43% | 37% | 33% | 28% | 24% | 22% |
| 2001 | 30 975 | 100% | 100% | 99% | 99% | 93% | 86% | 78% | 72% | 66% | 60% | 54% | 49% | 43% | 38% | 33% | 29% | 27% | |
| 2002 | 30 119 | 100% | 100% | 100% | 96% | 90% | 82% | 76% | 72% | 66% | 60% | 54% | 48% | 43% | 38% | 34% | 32% | | |
| 2003 | 29 894 | 100% | 100% | 98% | 93% | 87% | 82% | 77% | 72% | 66% | 61% | 55% | 49% | 44% | 40% | 38% | | | |
| 2004 | 29 698 | 100% | 100% | 95% | 91% | 87% | 82% | 78% | 72% | 67% | 60% | 55% | 49% | 44% | 42% | | | | |
| 2005 | 29 080 | 100% | 97% | 95% | 92% | 89% | 84% | 79% | 74% | 68% | 62% | 56% | 51% | 49% | | | | | |
| 2006 | 28 761 | 100% | 100% | 98% | 95% | 92% | 87% | 82% | 76% | 70% | 65% | 59% | 57% | | | | | | |
| 2007 | 28 626 | 100% | 100% | 98% | 96% | 92% | 88% | 82% | 77% | 71% | 66% | 63% | | | | | | | |
| 2008 | 28 943 | 100% | 100% | 99% | 96% | 93% | 87% | 82% | 77% | 72% | 70% | | | | | | | | |
| 2009 | 27 791 | 100% | 100% | 98% | 96% | 92% | 88% | 83% | 78% | 76% | | | | | | | | | |
| 2010 | 27 742 | 100% | 100% | 99% | 96% | 93% | 88% | 84% | 81% | | | | | | | | | | |
| 2011 | 27 814 | 100% | 100% | 98% | 96% | 93% | 89% | 87% | | | | | | | | | | | |
| 2012 | 28 229 | 100% | 100% | 99% | 96% | 93% | 91% | | | | | | | | | | | | |
| 2013 | 27 349 | 100% | 100% | 99% | 96% | 94% | | | | | | | | | | | | | |
| 2014 | 26 823 | 100% | 100% | 99% | 97% | | | | | | | | | | | | | | |
| 2015 | 21 774 | 100% | 100% | 99% | | | | | | | | | | | | | | | |
| 2016 | 15 549 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 6 458 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 1 601 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

u) Lithuania

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | 9 754 | 4 395 | 164 | 63 |
| 2005 | 106 340 | 45 975 | 1 691 | 781 |
| 2006 | 113 346 | 49 472 | 1 750 | 891 |
| 2007 | 119 517 | 53 445 | 1 491 | 812 |
| 2008 | 130 121 | 61 617 | 1 487 | 885 |
| 2009 | 134 320 | 67 440 | 1 378 | 937 |
| 2010 | 142 973 | 71 739 | 1 409 | 1 017 |
| 2011 | 147 946 | 73 284 | 1 307 | 1 049 |
| 2012 | 151 240 | 74 927 | 1 214 | 1 049 |
| 2013 | 155 050 | 71 468 | 1 195 | 1 083 |
| 2014 | 158 975 | 65 879 | 1 020 | 949 |
| 2015 | 156 894 | 50 748 | 739 | 702 |
| 2016 | 158 505 | 32 080 | 383 | 380 |
| 2017 | 155 992 | 12 284 | 111 | 111 |
| 2018 | 98 210 | 2 142 | 14 | 14 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | 164 | 100% | 99% | 97% | 92% | 90% | 84% | 74% | 66% | 60% | 57% | 52% | 45% | 38% | | | | | |
| 2005 | 1 691 | 100% | 99% | 97% | 93% | 89% | 82% | 77% | 70% | 65% | 60% | 55% | 50% | 46% | | | | | |
| 2006 | 1 750 | 100% | 99% | 98% | 94% | 90% | 85% | 79% | 72% | 66% | 61% | 55% | 51% | | | | | | |
| 2007 | 1 491 | 100% | 100% | 98% | 94% | 89% | 83% | 79% | 72% | 65% | 59% | 54% | | | | | | | |
| 2008 | 1 487 | 100% | 100% | 98% | 95% | 89% | 83% | 77% | 71% | 64% | 60% | | | | | | | | |
| 2009 | 1 378 | 100% | 100% | 98% | 96% | 92% | 86% | 80% | 72% | 68% | | | | | | | | | |
| 2010 | 1 409 | 100% | 100% | 98% | 95% | 90% | 85% | 78% | 72% | | | | | | | | | | |
| 2011 | 1 307 | 100% | 100% | 98% | 96% | 92% | 85% | 80% | | | | | | | | | | | |
| 2012 | 1 214 | 100% | 100% | 99% | 97% | 92% | 86% | | | | | | | | | | | | |
| 2013 | 1 195 | 100% | 100% | 98% | 95% | 91% | | | | | | | | | | | | | |
| 2014 | 1 020 | 100% | 100% | 97% | 93% | | | | | | | | | | | | | | |
| 2015 | 739 | 100% | 99% | 95% | | | | | | | | | | | | | | | |
| 2016 | 383 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 111 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 14 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

v) Luxembourg

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 70 945 | 34 150 | 19 085 | 799 |
| 2001 | 79 608 | 36 634 | 20 886 | 1 014 |
| 2002 | 82 684 | 37 596 | 20 537 | 1 097 |
| 2003 | 89 607 | 40 315 | 21 651 | 1 223 |
| 2004 | 97 394 | 43 448 | 22 781 | 1 482 |
| 2005 | 106 414 | 46 009 | 23 957 | 1 759 |
| 2006 | 113 395 | 49 505 | 25 989 | 2 096 |
| 2007 | 119 554 | 53 472 | 27 304 | 2 356 |
| 2008 | 130 139 | 61 631 | 31 340 | 3 102 |
| 2009 | 134 327 | 67 442 | 33 694 | 4 005 |
| 2010 | 142 980 | 71 746 | 36 351 | 5 114 |
| 2011 | 147 949 | 73 287 | 37 723 | 6 850 |
| 2012 | 151 237 | 74 926 | 39 495 | 8 243 |
| 2013 | 155 052 | 71 471 | 39 730 | 10 692 |
| 2014 | 158 975 | 65 880 | 38 387 | 13 714 |
| 2015 | 156 899 | 50 750 | 30 915 | 14 909 |
| 2016 | 158 513 | 32 081 | 20 938 | 14 018 |
| 2017 | 155 996 | 12 287 | 8 540 | 6 682 |
| 2018 | 98 211 | 2 142 | 2 142 | 2 142 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|
| 2000 | 19 085 | 100% | 96% | 82% | 64% | 50% | 39% | 32% | 25% | 20% | 16% | 14% | 11% | 10% | 8% | 7% | 6% | 5% | 4% |
| 2001 | 20 886 | 100% | 95% | 80% | 64% | 50% | 40% | 31% | 25% | 21% | 17% | 14% | 12% | 10% | 9% | 7% | 6% | 5% | |
| 2002 | 20 537 | 99% | 92% | 79% | 63% | 52% | 41% | 34% | 27% | 21% | 17% | 14% | 12% | 10% | 8% | 7% | 5% | | |
| 2003 | 21 651 | 99% | 91% | 75% | 63% | 50% | 42% | 34% | 27% | 22% | 18% | 15% | 12% | 10% | 7% | 6% | | | |
| 2004 | 22 781 | 99% | 88% | 75% | 62% | 52% | 42% | 34% | 28% | 22% | 19% | 15% | 12% | 9% | 7% | | | | |
| 2005 | 23 957 | 99% | 89% | 75% | 64% | 52% | 43% | 35% | 28% | 23% | 19% | 14% | 11% | 7% | | | | | |
| 2006 | 25 989 | 99% | 88% | 76% | 64% | 52% | 42% | 35% | 28% | 23% | 17% | 12% | 8% | | | | | | |
| 2007 | 27 304 | 98% | 89% | 75% | 63% | 52% | 42% | 35% | 28% | 20% | 14% | 9% | | | | | | | |
| 2008 | 31 340 | 99% | 90% | 77% | 64% | 52% | 43% | 34% | 25% | 17% | 10% | | | | | | | | |
| 2009 | 33 694 | 99% | 89% | 75% | 62% | 51% | 41% | 30% | 21% | 12% | | | | | | | | | |
| 2010 | 36 351 | 98% | 90% | 75% | 62% | 50% | 37% | 25% | 14% | | | | | | | | | | |
| 2011 | 37 723 | 98% | 90% | 75% | 62% | 46% | 32% | 18% | | | | | | | | | | | |
| 2012 | 39 495 | 98% | 90% | 74% | 56% | 38% | 21% | | | | | | | | | | | | |
| 2013 | 39 730 | 98% | 91% | 70% | 49% | 27% | | | | | | | | | | | | | |
| 2014 | 38 387 | 98% | 87% | 64% | 36% | | | | | | | | | | | | | | |
| 2015 | 30 915 | 96% | 82% | 48% | | | | | | | | | | | | | | | |
| 2016 | 20 938 | 93% | 67% | | | | | | | | | | | | | | | | |
| 2017 | 8 540 | 78% | | | | | | | | | | | | | | | | | |
| 2018 | 2 142 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

w) Latvia

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | | | | |
| 2005 | 54 141 | 23 506 | 738 | 307 |
| 2006 | 113 337 | 49 467 | 1 695 | 781 |
| 2007 | 119 507 | 53 441 | 1 455 | 719 |
| 2008 | 130 119 | 61 615 | 1 390 | 770 |
| 2009 | 134 319 | 67 439 | 1 354 | 844 |
| 2010 | 142 972 | 71 738 | 1 320 | 875 |
| 2011 | 147 946 | 73 284 | 1 206 | 922 |
| 2012 | 151 241 | 74 928 | 1 115 | 895 |
| 2013 | 155 050 | 71 468 | 1 097 | 949 |
| 2014 | 158 975 | 65 879 | 899 | 810 |
| 2015 | 156 895 | 50 748 | 646 | 608 |
| 2016 | 158 508 | 32 081 | 345 | 341 |
| 2017 | 155 992 | 12 284 | 77 | 77 |
| 2018 | 98 210 | 2 142 | 12 | 12 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | | | | | | | | | | | | | | | | | | | |
| 2005 | 738 | 100% | 99% | 97% | 95% | 89% | 83% | 78% | 71% | 64% | 58% | 50% | 45% | 42% | | | | | |
| 2006 | 1 695 | 100% | 99% | 98% | 94% | 90% | 86% | 80% | 72% | 64% | 57% | 52% | 46% | | | | | | |
| 2007 | 1 455 | 100% | 100% | 97% | 93% | 89% | 82% | 77% | 69% | 62% | 55% | 49% | | | | | | | |
| 2008 | 1 390 | 100% | 100% | 98% | 94% | 89% | 83% | 76% | 68% | 61% | 55% | | | | | | | | |
| 2009 | 1 354 | 100% | 100% | 98% | 96% | 92% | 84% | 76% | 69% | 62% | | | | | | | | | |
| 2010 | 1 320 | 100% | 100% | 98% | 94% | 88% | 82% | 76% | 66% | | | | | | | | | | |
| 2011 | 1 206 | 100% | 100% | 98% | 95% | 91% | 83% | 76% | | | | | | | | | | | |
| 2012 | 1 115 | 100% | 100% | 99% | 96% | 91% | 80% | | | | | | | | | | | | |
| 2013 | 1 097 | 100% | 100% | 97% | 94% | 87% | | | | | | | | | | | | | |
| 2014 | 899 | 100% | 99% | 96% | 90% | | | | | | | | | | | | | | |
| 2015 | 646 | 100% | 99% | 94% | | | | | | | | | | | | | | | |
| 2016 | 345 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 77 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 12 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

x) Monaco

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 70 690 | 33 994 | 17 650 | 459 |
| 2001 | 79 426 | 36 518 | 18 952 | 607 |
| 2002 | 82 573 | 37 526 | 17 889 | 649 |
| 2003 | 89 513 | 40 255 | 17 881 | 764 |
| 2004 | 97 315 | 43 408 | 17 506 | 992 |
| 2005 | 106 346 | 45 969 | 16 571 | 1 205 |
| 2006 | 113 334 | 49 460 | 15 940 | 1 483 |
| 2007 | 119 509 | 53 438 | 13 977 | 1 666 |
| 2008 | 130 117 | 61 613 | 12 209 | 2 312 |
| 2009 | 134 315 | 67 434 | 9 462 | 3 111 |
| 2010 | 142 971 | 71 737 | 6 951 | 4 216 |
| 2011 | 147 945 | 73 283 | 6 745 | 5 915 |
| 2012 | 151 236 | 74 924 | 7 379 | 7 155 |
| 2013 | 155 049 | 71 468 | 9 783 | 9 635 |
| 2014 | 158 974 | 65 879 | 12 972 | 12 865 |
| 2015 | 156 897 | 50 748 | 14 343 | 14 305 |
| 2016 | 158 508 | 32 081 | 13 731 | 13 720 |
| 2017 | 155 992 | 12 284 | 6 589 | 6 589 |
| 2018 | 98 210 | 2 142 | 2 113 | 2 113 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|
| 2000 | 17 650 | 100% | 96% | 79% | 58% | 43% | 32% | 24% | 17% | 13% | 9% | 7% | 6% | 5% | 4% | 4% | 3% | 3% | 3% |
| 2001 | 18 952 | 100% | 94% | 77% | 58% | 42% | 32% | 23% | 16% | 11% | 8% | 6% | 6% | 5% | 5% | 4% | 4% | 3% | |
| 2002 | 17 889 | 99% | 90% | 74% | 56% | 43% | 31% | 22% | 15% | 9% | 7% | 6% | 5% | 5% | 4% | 4% | 4% | | |
| 2003 | 17 881 | 99% | 88% | 69% | 53% | 38% | 28% | 18% | 11% | 8% | 7% | 7% | 6% | 5% | 5% | 4% | | | |
| 2004 | 17 506 | 98% | 84% | 67% | 49% | 36% | 23% | 13% | 9% | 8% | 8% | 7% | 7% | 6% | 6% | | | | |
| 2005 | 16 571 | 98% | 84% | 62% | 46% | 29% | 16% | 11% | 10% | 9% | 9% | 8% | 8% | 7% | | | | | |
| 2006 | 15 940 | 98% | 80% | 59% | 39% | 20% | 13% | 13% | 12% | 11% | 11% | 10% | 9% | | | | | | |
| 2007 | 13 977 | 97% | 77% | 51% | 26% | 16% | 15% | 15% | 14% | 13% | 12% | 12% | | | | | | | |
| 2008 | 12 209 | 97% | 74% | 39% | 24% | 23% | 22% | 21% | 21% | 20% | 19% | | | | | | | | |
| 2009 | 9 462 | 95% | 58% | 38% | 37% | 37% | 36% | 35% | 34% | 33% | | | | | | | | | |
| 2010 | 6 951 | 89% | 67% | 67% | 66% | 65% | 64% | 62% | 61% | | | | | | | | | | |
| 2011 | 6 745 | 93% | 93% | 92% | 92% | 91% | 89% | 88% | | | | | | | | | | | |
| 2012 | 7 379 | 100% | 100% | 100% | 99% | 98% | 97% | | | | | | | | | | | | |
| 2013 | 9 783 | 100% | 100% | 100% | 99% | 98% | | | | | | | | | | | | | |
| 2014 | 12 972 | 100% | 100% | 100% | 99% | | | | | | | | | | | | | | |
| 2015 | 14 343 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2016 | 13 731 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 6 589 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 2 113 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

y) North Macedonia

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | | | | |
| 2005 | | | | |
| 2006 | | | | |
| 2007 | | | | |
| 2008 | | | | |
| 2009 | 134 311 | 67 435 | 8 401 | 8 280 |
| 2010 | 142 970 | 71 737 | 11 523 | 11 433 |
| 2011 | 147 946 | 73 284 | 15 245 | 15 220 |
| 2012 | 151 239 | 74 927 | 19 346 | 19 341 |
| 2013 | 155 050 | 71 468 | 25 574 | 25 571 |
| 2014 | 158 975 | 65 879 | 32 323 | 32 323 |
| 2015 | 156 893 | 50 747 | 34 215 | 34 215 |
| 2016 | 158 513 | 32 081 | 26 975 | 26 975 |
| 2017 | 155 992 | 12 284 | 12 284 | 12 284 |
| 2018 | 98 211 | 2 142 | 2 142 | 2 142 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|------|------|------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | | | | | | | | | | | | | | | | | | | |
| 2005 | | | | | | | | | | | | | | | | | | | |
| 2006 | | | | | | | | | | | | | | | | | | | |
| 2007 | | | | | | | | | | | | | | | | | | | |
| 2008 | | | | | | | | | | | | | | | | | | | |
| 2009 | 8 401 | 100% | 100% | 100% | 100% | 99% | 99% | 99% | | | | | | | | | | | |
| 2010 | 11 523 | 100% | 100% | 100% | 100% | 99% | 99% | | | | | | | | | | | | |
| 2011 | 15 245 | 100% | 100% | 100% | 100% | 100% | | | | | | | | | | | | | |
| 2012 | 19 346 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2013 | 25 574 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2014 | 32 323 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2015 | 34 215 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2016 | 26 975 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 12 284 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 2 142 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

z) Malta

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | | | | |
| 2005 | | | | |
| 2006 | | | | |
| 2007 | 102 103 | 45 796 | 6 987 | 3 511 |
| 2008 | 130 112 | 61 610 | 12 187 | 5 088 |
| 2009 | 134 318 | 67 439 | 15 794 | 6 855 |
| 2010 | 142 971 | 71 737 | 21 096 | 9 460 |
| 2011 | 147 946 | 73 284 | 27 049 | 12 826 |
| 2012 | 151 240 | 74 927 | 33 474 | 16 312 |
| 2013 | 155 050 | 71 468 | 38 389 | 21 275 |
| 2014 | 158 976 | 65 880 | 40 388 | 26 638 |
| 2015 | 156 896 | 50 748 | 35 845 | 28 988 |
| 2016 | 158 508 | 32 081 | 26 345 | 23 542 |
| 2017 | 155 993 | 12 284 | 11 476 | 10 749 |
| 2018 | 98 210 | 2 142 | 2 142 | 2 142 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|------|------|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | | | | | | | | | | | | | | | | | | | |
| 2005 | | | | | | | | | | | | | | | | | | | |
| 2006 | | | | | | | | | | | | | | | | | | | |
| 2007 | 6 987 | 100% | 100% | 100% | 99% | 98% | 98% | 97% | 81% | 65% | 51% | | | | | | | | |
| 2008 | 12 187 | 100% | 100% | 100% | 99% | 99% | 98% | 82% | 63% | 48% | 42% | | | | | | | | |
| 2009 | 15 794 | 100% | 100% | 100% | 100% | 99% | 83% | 65% | 49% | 43% | | | | | | | | | |
| 2010 | 21 096 | 100% | 100% | 100% | 100% | 85% | 67% | 51% | 45% | | | | | | | | | | |
| 2011 | 27 049 | 100% | 100% | 100% | 86% | 69% | 54% | 47% | | | | | | | | | | | |
| 2012 | 33 474 | 100% | 100% | 88% | 72% | 55% | 49% | | | | | | | | | | | | |
| 2013 | 38 389 | 100% | 96% | 82% | 64% | 55% | | | | | | | | | | | | | |
| 2014 | 40 388 | 99% | 92% | 77% | 66% | | | | | | | | | | | | | | |
| 2015 | 35 845 | 98% | 90% | 81% | | | | | | | | | | | | | | | |
| 2016 | 26 345 | 97% | 89% | | | | | | | | | | | | | | | | |
| 2017 | 11 476 | 94% | | | | | | | | | | | | | | | | | |
| 2018 | 2 142 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

aa) Netherlands

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 77 991 | 38 465 | 16 516 | 3 653 |
| 2001 | 85 718 | 40 241 | 16 162 | 4 614 |
| 2002 | 87 795 | 40 515 | 15 294 | 5 143 |
| 2003 | 94 737 | 43 103 | 15 176 | 5 861 |
| 2004 | 102 305 | 46 062 | 15 504 | 7 047 |
| 2005 | 110 791 | 48 314 | 15 635 | 8 022 |
| 2006 | 117 757 | 51 789 | 16 151 | 9 238 |
| 2007 | 122 692 | 55 163 | 16 152 | 10 122 |
| 2008 | 131 911 | 62 662 | 17 056 | 11 877 |
| 2009 | 134 712 | 67 685 | 16 856 | 12 557 |
| 2010 | 143 008 | 71 775 | 17 104 | 13 568 |
| 2011 | 147 978 | 73 316 | 16 994 | 14 386 |
| 2012 | 151 272 | 74 960 | 16 903 | 14 932 |
| 2013 | 155 068 | 71 486 | 16 329 | 15 134 |
| 2014 | 158 991 | 65 893 | 14 726 | 14 079 |
| 2015 | 156 913 | 50 760 | 11 022 | 10 724 |
| 2016 | 158 524 | 32 091 | 6 748 | 6 707 |
| 2017 | 156 004 | 12 289 | 2 380 | 2 380 |
| 2018 | 98 211 | 2 143 | 408 | 408 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 16 516 | 100% | 100% | 99% | 97% | 93% | 88% | 83% | 76% | 67% | 61% | 55% | 50% | 44% | 36% | 32% | 27% | 23% | 19% |
| 2001 | 16 162 | 100% | 100% | 99% | 97% | 94% | 90% | 84% | 76% | 71% | 66% | 60% | 55% | 47% | 41% | 37% | 32% | 29% | |
| 2002 | 15 294 | 100% | 100% | 99% | 98% | 95% | 89% | 83% | 77% | 72% | 66% | 60% | 52% | 47% | 42% | 37% | 34% | | |
| 2003 | 15 176 | 100% | 100% | 99% | 97% | 94% | 88% | 83% | 79% | 74% | 68% | 59% | 53% | 48% | 43% | 39% | | | |
| 2004 | 15 504 | 100% | 100% | 99% | 97% | 92% | 88% | 84% | 79% | 74% | 65% | 60% | 55% | 50% | 45% | | | | |
| 2005 | 15 635 | 100% | 100% | 99% | 96% | 93% | 90% | 86% | 81% | 72% | 66% | 61% | 56% | 51% | | | | | |
| 2006 | 16 151 | 100% | 100% | 99% | 97% | 94% | 91% | 86% | 78% | 72% | 67% | 61% | 57% | | | | | | |
| 2007 | 16 152 | 100% | 100% | 99% | 98% | 95% | 90% | 83% | 78% | 73% | 68% | 63% | | | | | | | |
| 2008 | 17 056 | 100% | 100% | 99% | 98% | 95% | 89% | 84% | 79% | 74% | 70% | | | | | | | | |
| 2009 | 16 856 | 100% | 100% | 99% | 98% | 93% | 89% | 84% | 79% | 74% | | | | | | | | | |
| 2010 | 17 104 | 100% | 100% | 99% | 97% | 93% | 89% | 84% | 79% | | | | | | | | | | |
| 2011 | 16 994 | 100% | 100% | 99% | 97% | 93% | 89% | 85% | | | | | | | | | | | |
| 2012 | 16 903 | 100% | 100% | 99% | 96% | 93% | 88% | | | | | | | | | | | | |
| 2013 | 16 329 | 100% | 100% | 99% | 96% | 93% | | | | | | | | | | | | | |
| 2014 | 14 726 | 100% | 100% | 98% | 96% | | | | | | | | | | | | | | |
| 2015 | 11 022 | 100% | 99% | 97% | | | | | | | | | | | | | | | |
| 2016 | 6 748 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 2 380 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 408 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

bb) Norway

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | | | | |
| 2005 | | | | |
| 2006 | | | | |
| 2007 | | | | |
| 2008 | 130 202 | 61 680 | 32 023 | 3 341 |
| 2009 | 134 352 | 67 469 | 34 321 | 3 904 |
| 2010 | 142 983 | 71 748 | 36 863 | 4 667 |
| 2011 | 147 954 | 73 292 | 38 281 | 5 660 |
| 2012 | 151 244 | 74 930 | 39 827 | 6 368 |
| 2013 | 155 051 | 71 469 | 39 582 | 7 463 |
| 2014 | 158 974 | 65 878 | 37 819 | 8 432 |
| 2015 | 156 900 | 50 752 | 30 039 | 8 508 |
| 2016 | 158 519 | 32 087 | 20 592 | 7 738 |
| 2017 | 155 996 | 12 285 | 8 364 | 3 787 |
| 2018 | 98 210 | 2 142 | 2 118 | 1 289 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | | | | | | | | | | | | | | | | | | | |
| 2005 | | | | | | | | | | | | | | | | | | | |
| 2006 | | | | | | | | | | | | | | | | | | | |
| 2007 | | | | | | | | | | | | | | | | | | | |
| 2008 | 32 023 | 95% | 84% | 71% | 58% | 49% | 40% | 32% | 24% | 17% | 10% | | | | | | | | |
| 2009 | 34 321 | 94% | 82% | 69% | 58% | 47% | 38% | 28% | 19% | 11% | | | | | | | | | |
| 2010 | 36 863 | 94% | 82% | 70% | 57% | 45% | 33% | 22% | 13% | | | | | | | | | | |
| 2011 | 38 281 | 94% | 83% | 69% | 55% | 40% | 27% | 15% | | | | | | | | | | | |
| 2012 | 39 827 | 94% | 80% | 65% | 48% | 31% | 16% | | | | | | | | | | | | |
| 2013 | 39 582 | 94% | 80% | 60% | 39% | 19% | | | | | | | | | | | | | |
| 2014 | 37 819 | 93% | 74% | 50% | 22% | | | | | | | | | | | | | | |
| 2015 | 30 039 | 89% | 64% | 28% | | | | | | | | | | | | | | | |
| 2016 | 20 592 | 80% | 38% | | | | | | | | | | | | | | | | |
| 2017 | 8 364 | 45% | | | | | | | | | | | | | | | | | |
| 2018 | 2 118 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

cc) Poland

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | 84 512 | 37 668 | 6 442 | 3 150 |
| 2005 | 106 758 | 46 271 | 7 716 | 4 213 |
| 2006 | 113 806 | 49 790 | 8 223 | 4 951 |
| 2007 | 119 964 | 53 771 | 8 246 | 5 274 |
| 2008 | 130 373 | 61 784 | 8 779 | 6 251 |
| 2009 | 134 398 | 67 503 | 9 024 | 6 896 |
| 2010 | 142 988 | 71 754 | 9 290 | 7 624 |
| 2011 | 147 952 | 73 293 | 9 488 | 8 308 |
| 2012 | 151 251 | 74 937 | 9 270 | 8 506 |
| 2013 | 155 056 | 71 475 | 9 391 | 8 953 |
| 2014 | 158 979 | 65 883 | 9 305 | 9 116 |
| 2015 | 156 902 | 50 753 | 8 399 | 8 353 |
| 2016 | 158 513 | 32 081 | 6 318 | 6 315 |
| 2017 | 155 997 | 12 287 | 2 901 | 2 901 |
| 2018 | 98 211 | 2 143 | 884 | 884 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | 6 442 | 100% | 100% | 98% | 94% | 89% | 85% | 79% | 74% | 69% | 63% | 59% | 54% | 49% | | | | | |
| 2005 | 7 716 | 100% | 100% | 98% | 94% | 91% | 87% | 82% | 76% | 71% | 66% | 60% | 55% | 55% | | | | | |
| 2006 | 8 223 | 100% | 100% | 98% | 95% | 92% | 87% | 82% | 76% | 71% | 66% | 61% | 60% | | | | | | |
| 2007 | 8 246 | 100% | 100% | 98% | 96% | 92% | 87% | 82% | 76% | 71% | 65% | 64% | | | | | | | |
| 2008 | 8 779 | 100% | 100% | 99% | 96% | 92% | 88% | 83% | 78% | 72% | 71% | | | | | | | | |
| 2009 | 9 024 | 100% | 100% | 99% | 96% | 92% | 88% | 83% | 77% | 76% | | | | | | | | | |
| 2010 | 9 290 | 100% | 100% | 98% | 96% | 93% | 88% | 82% | 82% | | | | | | | | | | |
| 2011 | 9 488 | 100% | 100% | 99% | 96% | 93% | 88% | 88% | | | | | | | | | | | |
| 2012 | 9 270 | 100% | 100% | 99% | 96% | 92% | 92% | | | | | | | | | | | | |
| 2013 | 9 391 | 100% | 100% | 98% | 96% | 95% | | | | | | | | | | | | | |
| 2014 | 9 305 | 100% | 100% | 98% | 98% | | | | | | | | | | | | | | |
| 2015 | 8 399 | 100% | 100% | 99% | | | | | | | | | | | | | | | |
| 2016 | 6 318 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 2 901 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 884 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

dd) Portugal

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 70 729 | 34 176 | 19 490 | 1 275 |
| 2001 | 79 650 | 36 671 | 21 152 | 1 428 |
| 2002 | 82 827 | 37 682 | 20 899 | 1 536 |
| 2003 | 89 677 | 40 375 | 21 773 | 1 624 |
| 2004 | 97 500 | 43 533 | 22 744 | 1 951 |
| 2005 | 106 503 | 46 084 | 23 616 | 2 158 |
| 2006 | 113 440 | 49 534 | 25 338 | 2 515 |
| 2007 | 119 583 | 53 490 | 26 055 | 2 604 |
| 2008 | 130 177 | 61 651 | 28 624 | 3 255 |
| 2009 | 134 342 | 67 456 | 30 824 | 3 801 |
| 2010 | 142 980 | 71 746 | 32 284 | 4 480 |
| 2011 | 147 951 | 73 289 | 32 591 | 5 468 |
| 2012 | 151 242 | 74 929 | 32 707 | 6 363 |
| 2013 | 155 057 | 71 476 | 31 358 | 7 756 |
| 2014 | 158 979 | 65 883 | 29 297 | 9 126 |
| 2015 | 156 896 | 50 749 | 26 212 | 9 794 |
| 2016 | 158 514 | 32 082 | 19 706 | 9 366 |
| 2017 | 155 993 | 12 284 | 8 596 | 4 585 |
| 2018 | 98 211 | 2 142 | 2 123 | 1 542 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|
| 2000 | 19 490 | 99% | 91% | 78% | 62% | 50% | 40% | 33% | 26% | 21% | 18% | 14% | 12% | 10% | 8% | 7% | 5% | 4% | 4% |
| 2001 | 21 152 | 98% | 91% | 77% | 62% | 51% | 42% | 34% | 28% | 23% | 20% | 17% | 14% | 12% | 11% | 9% | 8% | 7% | |
| 2002 | 20 899 | 98% | 89% | 76% | 63% | 52% | 42% | 35% | 28% | 23% | 19% | 16% | 14% | 12% | 10% | 9% | 7% | | |
| 2003 | 21 773 | 97% | 86% | 73% | 61% | 50% | 41% | 34% | 28% | 22% | 19% | 16% | 13% | 11% | 9% | 7% | | | |
| 2004 | 22 744 | 96% | 85% | 72% | 60% | 50% | 41% | 34% | 27% | 23% | 19% | 16% | 13% | 11% | 9% | | | | |
| 2005 | 23 616 | 97% | 85% | 71% | 60% | 50% | 41% | 33% | 27% | 22% | 18% | 14% | 12% | 9% | | | | | |
| 2006 | 25 338 | 96% | 84% | 72% | 60% | 48% | 39% | 32% | 26% | 20% | 16% | 14% | 10% | | | | | | |
| 2007 | 26 055 | 95% | 83% | 71% | 58% | 47% | 38% | 31% | 24% | 18% | 15% | 10% | | | | | | | |
| 2008 | 28 624 | 99% | 88% | 72% | 58% | 47% | 39% | 29% | 23% | 19% | 11% | | | | | | | | |
| 2009 | 30 824 | 96% | 82% | 68% | 55% | 45% | 34% | 26% | 21% | 12% | | | | | | | | | |
| 2010 | 32 284 | 95% | 81% | 67% | 54% | 41% | 31% | 26% | 14% | | | | | | | | | | |
| 2011 | 32 591 | 94% | 82% | 67% | 51% | 39% | 32% | 17% | | | | | | | | | | | |
| 2012 | 32 707 | 94% | 79% | 61% | 47% | 39% | 19% | | | | | | | | | | | | |
| 2013 | 31 358 | 94% | 79% | 63% | 51% | 25% | | | | | | | | | | | | | |
| 2014 | 29 297 | 93% | 83% | 67% | 31% | | | | | | | | | | | | | | |
| 2015 | 26 212 | 94% | 78% | 37% | | | | | | | | | | | | | | | |
| 2016 | 19 706 | 90% | 48% | | | | | | | | | | | | | | | | |
| 2017 | 8 596 | 53% | | | | | | | | | | | | | | | | | |
| 2018 | 2 123 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

ee) Romania

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | 75 669 | 34 164 | 2 460 | 833 |
| 2004 | 97 343 | 43 439 | 2 930 | 1 152 |
| 2005 | 106 366 | 45 985 | 2 807 | 1 293 |
| 2006 | 113 369 | 49 487 | 3 008 | 1 568 |
| 2007 | 119 542 | 53 465 | 2 754 | 1 535 |
| 2008 | 130 158 | 61 644 | 2 824 | 1 752 |
| 2009 | 134 327 | 67 445 | 2 660 | 1 794 |
| 2010 | 142 975 | 71 740 | 2 637 | 1 897 |
| 2011 | 147 947 | 73 285 | 2 658 | 2 108 |
| 2012 | 151 241 | 74 928 | 2 532 | 2 168 |
| 2013 | 155 051 | 71 469 | 2 369 | 2 127 |
| 2014 | 158 975 | 65 879 | 2 062 | 1 903 |
| 2015 | 156 896 | 50 749 | 1 940 | 1 890 |
| 2016 | 158 513 | 32 081 | 1 381 | 1 373 |
| 2017 | 155 995 | 12 285 | 547 | 547 |
| 2018 | 98 211 | 2 142 | 85 | 85 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | 2 460 | 100% | 100% | 99% | 96% | 89% | 83% | 76% | 70% | 64% | 57% | 51% | 45% | 41% | 36% | | | | |
| 2004 | 2 930 | 100% | 100% | 98% | 93% | 88% | 83% | 77% | 71% | 65% | 59% | 54% | 49% | 44% | 39% | | | | |
| 2005 | 2 807 | 100% | 100% | 97% | 93% | 89% | 82% | 77% | 71% | 65% | 60% | 56% | 51% | 46% | | | | | |
| 2006 | 3 008 | 100% | 100% | 98% | 94% | 90% | 85% | 80% | 74% | 68% | 62% | 57% | 52% | | | | | | |
| 2007 | 2 754 | 100% | 100% | 98% | 95% | 91% | 86% | 80% | 74% | 68% | 62% | 56% | | | | | | | |
| 2008 | 2 824 | 100% | 100% | 98% | 96% | 91% | 86% | 80% | 73% | 67% | 62% | | | | | | | | |
| 2009 | 2 660 | 100% | 100% | 99% | 96% | 92% | 87% | 80% | 74% | 67% | | | | | | | | | |
| 2010 | 2 637 | 100% | 100% | 98% | 95% | 91% | 85% | 79% | 72% | | | | | | | | | | |
| 2011 | 2 658 | 100% | 100% | 99% | 96% | 92% | 86% | 79% | | | | | | | | | | | |
| 2012 | 2 532 | 100% | 100% | 99% | 96% | 92% | 86% | | | | | | | | | | | | |
| 2013 | 2 369 | 100% | 100% | 98% | 95% | 90% | | | | | | | | | | | | | |
| 2014 | 2 062 | 100% | 100% | 98% | 92% | | | | | | | | | | | | | | |
| 2015 | 1 940 | 100% | 100% | 97% | | | | | | | | | | | | | | | |
| 2016 | 1 381 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 547 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 85 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

ff) Serbia

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | | | | |
| 2005 | | | | |
| 2006 | | | | |
| 2007 | | | | |
| 2008 | | | | |
| 2009 | | | | |
| 2010 | 39 172 | 19 536 | 311 | 226 |
| 2011 | 147 941 | 73 281 | 1 237 | 897 |
| 2012 | 151 240 | 74 927 | 1 120 | 898 |
| 2013 | 155 049 | 71 468 | 1 035 | 901 |
| 2014 | 158 975 | 65 879 | 938 | 865 |
| 2015 | 156 895 | 50 748 | 691 | 666 |
| 2016 | 158 513 | 32 081 | 358 | 356 |
| 2017 | 155 992 | 12 284 | 92 | 92 |
| 2018 | 98 210 | 2 142 | 19 | 19 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | | | | | | | | | | | | | | | | | | | |
| 2005 | | | | | | | | | | | | | | | | | | | |
| 2006 | | | | | | | | | | | | | | | | | | | |
| 2007 | | | | | | | | | | | | | | | | | | | |
| 2008 | | | | | | | | | | | | | | | | | | | |
| 2009 | | | | | | | | | | | | | | | | | | | |
| 2010 | 311 | 100% | 100% | 100% | 99% | 95% | 90% | 85% | 73% | | | | | | | | | | |
| 2011 | 1 237 | 100% | 93% | 92% | 90% | 87% | 82% | 73% | | | | | | | | | | | |
| 2012 | 1 120 | 96% | 96% | 95% | 93% | 88% | 80% | | | | | | | | | | | | |
| 2013 | 1 035 | 99% | 99% | 97% | 95% | 87% | | | | | | | | | | | | | |
| 2014 | 938 | 100% | 100% | 98% | 92% | | | | | | | | | | | | | | |
| 2015 | 691 | 100% | 99% | 96% | | | | | | | | | | | | | | | |
| 2016 | 358 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 92 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 19 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

gg) Sweden

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 74 576 | 36 912 | 22 608 | 2 474 |
| 2001 | 83 767 | 39 419 | 22 946 | 3 126 |
| 2002 | 86 001 | 39 841 | 20 654 | 3 451 |
| 2003 | 92 610 | 42 334 | 19 418 | 3 762 |
| 2004 | 99 995 | 45 233 | 17 908 | 4 349 |
| 2005 | 108 789 | 47 608 | 15 922 | 4 994 |
| 2006 | 115 483 | 50 905 | 13 376 | 5 601 |
| 2007 | 120 970 | 54 449 | 10 610 | 5 909 |
| 2008 | 130 833 | 62 161 | 10 410 | 6 904 |
| 2009 | 134 492 | 67 572 | 10 171 | 7 425 |
| 2010 | 142 995 | 71 761 | 9 832 | 7 655 |
| 2011 | 147 964 | 73 302 | 9 854 | 8 163 |
| 2012 | 151 243 | 74 930 | 9 455 | 8 276 |
| 2013 | 155 061 | 71 480 | 9 101 | 8 374 |
| 2014 | 158 981 | 65 884 | 8 225 | 7 787 |
| 2015 | 156 902 | 50 751 | 6 328 | 6 149 |
| 2016 | 158 521 | 32 085 | 3 946 | 3 911 |
| 2017 | 155 996 | 12 286 | 1 441 | 1 437 |
| 2018 | 98 212 | 2 143 | 230 | 229 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2000 | 22 608 | 99% | 92% | 81% | 70% | 59% | 51% | 44% | 37% | 34% | 30% | 27% | 24% | 21% | 19% | 17% | 14% | 12% | 11% |
| 2001 | 22 946 | 98% | 90% | 79% | 66% | 56% | 48% | 40% | 36% | 34% | 31% | 28% | 25% | 22% | 19% | 17% | 15% | 14% | |
| 2002 | 20 654 | 97% | 89% | 75% | 64% | 53% | 44% | 41% | 38% | 35% | 32% | 28% | 26% | 23% | 20% | 18% | 17% | | |
| 2003 | 19 418 | 96% | 83% | 71% | 59% | 49% | 46% | 42% | 39% | 36% | 33% | 30% | 27% | 24% | 21% | 19% | | | |
| 2004 | 17 908 | 93% | 80% | 66% | 55% | 52% | 49% | 46% | 42% | 39% | 35% | 32% | 29% | 26% | 24% | | | | |
| 2005 | 15 922 | 93% | 77% | 65% | 63% | 60% | 57% | 53% | 49% | 45% | 41% | 37% | 34% | 31% | | | | | |
| 2006 | 13 376 | 90% | 77% | 76% | 74% | 71% | 67% | 63% | 58% | 53% | 49% | 45% | 42% | | | | | | |
| 2007 | 10 610 | 94% | 93% | 92% | 90% | 85% | 81% | 76% | 70% | 65% | 60% | 56% | | | | | | | |
| 2008 | 10 410 | 100% | 100% | 98% | 95% | 91% | 86% | 81% | 76% | 70% | 66% | | | | | | | | |
| 2009 | 10 171 | 100% | 100% | 98% | 96% | 92% | 88% | 83% | 77% | 73% | | | | | | | | | |
| 2010 | 9 832 | 100% | 100% | 98% | 96% | 92% | 88% | 82% | 78% | | | | | | | | | | |
| 2011 | 9 854 | 100% | 100% | 98% | 96% | 92% | 87% | 83% | | | | | | | | | | | |
| 2012 | 9 455 | 100% | 100% | 99% | 96% | 92% | 88% | | | | | | | | | | | | |
| 2013 | 9 101 | 100% | 100% | 99% | 96% | 92% | | | | | | | | | | | | | |
| 2014 | 8 225 | 100% | 100% | 98% | 95% | | | | | | | | | | | | | | |
| 2015 | 6 328 | 100% | 99% | 97% | | | | | | | | | | | | | | | |
| 2016 | 3 946 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 1 441 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 230 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

hh) Slovenia

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | 7 606 | 3 453 | 228 | 65 |
| 2003 | 89 397 | 40 261 | 2 648 | 916 |
| 2004 | 97 332 | 43 434 | 2 594 | 1 077 |
| 2005 | 106 370 | 45 989 | 2 427 | 1 177 |
| 2006 | 113 375 | 49 487 | 2 623 | 1 458 |
| 2007 | 119 529 | 53 451 | 2 478 | 1 483 |
| 2008 | 130 139 | 61 621 | 2 722 | 1 851 |
| 2009 | 134 327 | 67 443 | 2 914 | 2 233 |
| 2010 | 142 975 | 71 741 | 3 383 | 2 795 |
| 2011 | 147 946 | 73 284 | 3 923 | 3 522 |
| 2012 | 151 240 | 74 927 | 4 382 | 4 112 |
| 2013 | 155 050 | 71 468 | 5 484 | 5 297 |
| 2014 | 158 976 | 65 880 | 6 779 | 6 657 |
| 2015 | 156 895 | 50 748 | 8 628 | 8 579 |
| 2016 | 158 507 | 32 080 | 9 607 | 9 603 |
| 2017 | 155 992 | 12 284 | 5 273 | 5 272 |
| 2018 | 98 210 | 2 142 | 1 725 | 1 725 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | 228 | 100% | 100% | 99% | 95% | 89% | 79% | 75% | 69% | 63% | 56% | 49% | 44% | 38% | 34% | 29% | | | |
| 2003 | 2 648 | 100% | 100% | 98% | 95% | 88% | 82% | 76% | 70% | 64% | 59% | 53% | 48% | 43% | 39% | 35% | | | |
| 2004 | 2 594 | 100% | 100% | 98% | 92% | 88% | 83% | 77% | 71% | 64% | 59% | 54% | 50% | 45% | 42% | | | | |
| 2005 | 2 427 | 100% | 99% | 97% | 93% | 89% | 83% | 78% | 72% | 65% | 61% | 56% | 52% | 48% | | | | | |
| 2006 | 2 623 | 100% | 99% | 98% | 95% | 90% | 86% | 80% | 75% | 69% | 63% | 59% | 56% | | | | | | |
| 2007 | 2 478 | 100% | 99% | 98% | 95% | 91% | 85% | 80% | 75% | 69% | 63% | 60% | | | | | | | |
| 2008 | 2 722 | 100% | 100% | 98% | 96% | 92% | 87% | 82% | 77% | 71% | 68% | | | | | | | | |
| 2009 | 2 914 | 100% | 100% | 99% | 96% | 94% | 90% | 85% | 80% | 77% | | | | | | | | | |
| 2010 | 3 383 | 100% | 100% | 99% | 97% | 94% | 90% | 86% | 83% | | | | | | | | | | |
| 2011 | 3 923 | 100% | 100% | 99% | 98% | 96% | 93% | 90% | | | | | | | | | | | |
| 2012 | 4 382 | 100% | 100% | 99% | 98% | 96% | 94% | | | | | | | | | | | | |
| 2013 | 5 484 | 100% | 100% | 99% | 98% | 97% | | | | | | | | | | | | | |
| 2014 | 6 779 | 100% | 100% | 99% | 98% | | | | | | | | | | | | | | |
| 2015 | 8 628 | 100% | 100% | 99% | | | | | | | | | | | | | | | |
| 2016 | 9 607 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 5 273 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 1 725 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

ii) Slovakia

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | 42 073 | 19 178 | 1 549 | 479 |
| 2003 | 89 471 | 40 281 | 2 917 | 963 |
| 2004 | 97 385 | 43 462 | 2 921 | 1 140 |
| 2005 | 106 391 | 46 005 | 2 688 | 1 210 |
| 2006 | 113 390 | 49 502 | 2 788 | 1 345 |
| 2007 | 119 559 | 53 473 | 2 463 | 1 303 |
| 2008 | 130 140 | 61 627 | 2 574 | 1 521 |
| 2009 | 134 329 | 67 445 | 2 454 | 1 638 |
| 2010 | 142 976 | 71 742 | 2 326 | 1 613 |
| 2011 | 147 947 | 73 285 | 2 318 | 1 815 |
| 2012 | 151 241 | 74 928 | 2 207 | 1 828 |
| 2013 | 155 051 | 71 469 | 2 093 | 1 835 |
| 2014 | 158 976 | 65 880 | 1 836 | 1 686 |
| 2015 | 156 895 | 50 749 | 1 385 | 1 333 |
| 2016 | 158 513 | 32 081 | 790 | 785 |
| 2017 | 155 992 | 12 284 | 261 | 260 |
| 2018 | 98 211 | 2 142 | 38 | 38 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | 1 549 | 100% | 100% | 99% | 96% | 91% | 83% | 77% | 71% | 64% | 58% | 53% | 48% | 44% | 40% | 35% | 31% | | |
| 2003 | 2 917 | 100% | 100% | 98% | 95% | 88% | 82% | 76% | 70% | 64% | 58% | 52% | 47% | 42% | 38% | 33% | | | |
| 2004 | 2 921 | 100% | 100% | 97% | 92% | 87% | 82% | 75% | 69% | 63% | 57% | 53% | 48% | 43% | 39% | | | | |
| 2005 | 2 688 | 100% | 99% | 97% | 92% | 88% | 82% | 77% | 71% | 65% | 60% | 55% | 49% | 45% | | | | | |
| 2006 | 2 788 | 100% | 99% | 97% | 93% | 88% | 83% | 77% | 70% | 64% | 58% | 53% | 48% | | | | | | |
| 2007 | 2 463 | 100% | 99% | 98% | 95% | 90% | 84% | 78% | 72% | 66% | 59% | 53% | | | | | | | |
| 2008 | 2 574 | 100% | 100% | 98% | 95% | 90% | 85% | 78% | 71% | 64% | 59% | | | | | | | | |
| 2009 | 2 454 | 100% | 100% | 98% | 95% | 91% | 86% | 79% | 72% | 67% | | | | | | | | | |
| 2010 | 2 326 | 100% | 100% | 97% | 94% | 90% | 83% | 76% | 69% | | | | | | | | | | |
| 2011 | 2 318 | 100% | 100% | 99% | 96% | 92% | 85% | 78% | | | | | | | | | | | |
| 2012 | 2 207 | 100% | 100% | 98% | 95% | 89% | 83% | | | | | | | | | | | | |
| 2013 | 2 093 | 100% | 100% | 98% | 94% | 88% | | | | | | | | | | | | | |
| 2014 | 1 836 | 100% | 99% | 97% | 92% | | | | | | | | | | | | | | |
| 2015 | 1 385 | 100% | 99% | 96% | | | | | | | | | | | | | | | |
| 2016 | 790 | 100% | 99% | | | | | | | | | | | | | | | | |
| 2017 | 261 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 38 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

jj) San Marino

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | | | | |
| 2001 | | | | |
| 2002 | | | | |
| 2003 | | | | |
| 2004 | | | | |
| 2005 | | | | |
| 2006 | | | | |
| 2007 | | | | |
| 2008 | | | | |
| 2009 | 69 981 | 35 385 | 347 | 258 |
| 2010 | 142 968 | 71 735 | 624 | 469 |
| 2011 | 147 946 | 73 284 | 599 | 496 |
| 2012 | 151 239 | 74 926 | 529 | 470 |
| 2013 | 155 050 | 71 468 | 466 | 429 |
| 2014 | 158 975 | 65 879 | 405 | 382 |
| 2015 | 156 895 | 50 748 | 293 | 288 |
| 2016 | 158 513 | 32 081 | 353 | 352 |
| 2017 | 155 992 | 12 284 | 154 | 154 |
| 2018 | 98 211 | 2 142 | 12 | 12 |
| 2019 | 61 937 | 5 | 0 | 0 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| 2000 | | | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | | | |
| 2004 | | | | | | | | | | | | | | | | | | | |
| 2005 | | | | | | | | | | | | | | | | | | | |
| 2006 | | | | | | | | | | | | | | | | | | | |
| 2007 | | | | | | | | | | | | | | | | | | | |
| 2008 | | | | | | | | | | | | | | | | | | | |
| 2009 | 347 | 100% | 100% | 99% | 98% | 98% | 97% | 90% | 82% | 74% | | | | | | | | | |
| 2010 | 624 | 100% | 100% | 98% | 96% | 93% | 90% | 84% | 75% | | | | | | | | | | |
| 2011 | 599 | 100% | 100% | 99% | 97% | 95% | 90% | 83% | | | | | | | | | | | |
| 2012 | 529 | 100% | 100% | 99% | 98% | 94% | 89% | | | | | | | | | | | | |
| 2013 | 466 | 100% | 100% | 99% | 97% | 92% | | | | | | | | | | | | | |
| 2014 | 405 | 100% | 100% | 98% | 94% | | | | | | | | | | | | | | |
| 2015 | 293 | 100% | 100% | 98% | | | | | | | | | | | | | | | |
| 2016 | 353 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 154 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 12 | | | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | | | | |

kk) Turkey

| Filing year | Applications filed | Granted patents | Validated patents | Patents still in force |
|-------------|--------------------|-----------------|-------------------|------------------------|
| 2000 | 12 765 | 6 041 | 825 | 368 |
| 2001 | 79 695 | 36 718 | 5 430 | 2 830 |
| 2002 | 82 868 | 37 724 | 5 727 | 3 202 |
| 2003 | 89 761 | 40 449 | 5 992 | 3 750 |
| 2004 | 97 751 | 43 713 | 6 437 | 4 362 |
| 2005 | 106 668 | 46 207 | 6 725 | 4 994 |
| 2006 | 113 662 | 49 713 | 7 316 | 5 864 |
| 2007 | 119 800 | 53 666 | 7 495 | 6 388 |
| 2008 | 130 321 | 61 788 | 8 474 | 7 614 |
| 2009 | 134 389 | 67 498 | 8 804 | 8 320 |
| 2010 | 142 990 | 71 756 | 9 495 | 9 283 |
| 2011 | 147 957 | 73 295 | 10 394 | 10 335 |
| 2012 | 151 245 | 74 932 | 10 687 | 10 677 |
| 2013 | 155 056 | 71 476 | 11 484 | 11 484 |
| 2014 | 158 980 | 65 882 | 12 440 | 12 440 |
| 2015 | 156 896 | 50 750 | 12 015 | 12 015 |
| 2016 | 158 517 | 32 085 | 10 595 | 10 595 |
| 2017 | 155 994 | 12 284 | 4 909 | 4 909 |
| 2018 | 98 210 | 2 142 | 1 561 | 1 561 |
| 2019 | 61 937 | 5 | 5 | 5 |

Percentage of patents still in force at the end of the patent year

| Filing year | Validated patents | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------------|-------------------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|
| 2000 | 825 | 100% | 100% | 99% | 98% | 98% | 98% | 91% | 80% | 75% | 66% | 60% | 56% | 51% | 45% | | | | |
| 2001 | 5 430 | 100% | 100% | 100% | 100% | 99% | 94% | 85% | 79% | 72% | 66% | 61% | 57% | 52% | | | | | |
| 2002 | 5 727 | 100% | 100% | 100% | 100% | 96% | 88% | 83% | 76% | 71% | 65% | 60% | 56% | | | | | | |
| 2003 | 5 992 | 100% | 100% | 100% | 98% | 92% | 87% | 82% | 77% | 73% | 68% | 63% | | | | | | | |
| 2004 | 6 437 | 100% | 100% | 98% | 95% | 91% | 86% | 82% | 77% | 73% | 68% | | | | | | | | |
| 2005 | 6 725 | 100% | 100% | 98% | 96% | 93% | 88% | 84% | 79% | 74% | | | | | | | | | |
| 2006 | 7 316 | 100% | 100% | 99% | 96% | 93% | 89% | 85% | 80% | | | | | | | | | | |
| 2007 | 7 495 | 100% | 100% | 99% | 97% | 94% | 90% | 85% | | | | | | | | | | | |
| 2008 | 8 474 | 100% | 100% | 99% | 97% | 94% | 90% | | | | | | | | | | | | |
| 2009 | 8 804 | 100% | 100% | 99% | 97% | 95% | 95% | | | | | | | | | | | | |
| 2010 | 9 495 | 100% | 100% | 99% | 98% | | | | | | | | | | | | | | |
| 2011 | 10 394 | 100% | 100% | 99% | | | | | | | | | | | | | | | |
| 2012 | 10 687 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2013 | 11 484 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2014 | 12 440 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2015 | 12 015 | 100% | 100% | 100% | | | | | | | | | | | | | | | |
| 2016 | 10 595 | 100% | 100% | | | | | | | | | | | | | | | | |
| 2017 | 4 909 | 100% | | | | | | | | | | | | | | | | | |
| 2018 | 1 561 | | | | | | | | | | | | | | | | | | |
| 2019 | 5 | | | | | | | | | | | | | | | | | | |

ANNEX 2 NATIONAL STATISTICS

A. NATIONAL PATENT APPLICATIONS

a) Filing route and growth over 2018 (not adjusted for missing data)

| Country | | National | | PCT national phase | | Total | | Resident | | Non Resident | |
|-----------------------------|-------|----------|--------|--------------------|--------|----------------|--------------|----------|--------|--------------|---------|
| Albania | AL | 5 | -67% | 0 | - | 5 | -72.2% | 5 | -64% | 0 | -100.0% |
| Austria | AT | 2 288 | -0.9% | 436 | 0.2% | 2 724 | -0.7% | 2 390 | -1.2% | 334 | 2.8% |
| Belgium ⁽¹⁾ | BE | 1 133 | 2.1% | | | 1 133 | 2.1% | 876 | -1.9% | 257 | 18.4% |
| Bulgaria | BG | 189 | - | 4 | - | 193 | - | 186 | - | 7 | - |
| Switzerland/Liechtenstein | CH/LI | 1 644 | 7.2% | 68 | -17.1% | 1 712 | 6.0% | 1 369 | 6.7% | 343 | 3.3% |
| Cyprus ⁽¹⁾ | CY | 7 | 16.7% | | | 7 | 16.7% | 6 | 50.0% | 1 | -50.0% |
| Czech Republic | CZ | 795 | 12.3% | 20 | -23.1% | 815 | 11.0% | 765 | 12.8% | 50 | -10.7% |
| Germany | DE | 59 927 | -1.6% | 7 507 | 6.8% | 67 434 | -0.7% | 46 632 | 0.0% | 20 802 | -2.2% |
| Denmark | DK | 1 493 | 6.0% | 86 | -7.5% | 1 579 | 5.2% | 1 351 | 7.1% | 228 | -4.6% |
| Estonia | EE | 32 | 18.5% | 0 | - | 32 | 3.2% | 31 | 3.3% | 1 | 0.0% |
| Spain | ES | 1 358 | -13.9% | 89 | -7.3% | 1 447 | -13.6% | 1 288 | -15.5% | 159 | 6.7% |
| Finland | FI | 1 374 | -6.1% | 22 | -8.3% | 1 396 | -6.1% | 1 321 | -4.6% | 75 | -26.5% |
| France ⁽¹⁾ | FR | 15 812 | -2.5% | | | 15 812 | -2.5% | 14 124 | -2.4% | 1 688 | -3.9% |
| United Kingdom | GB | 16 957 | -8.5% | 2 287 | -11.4% | 19 244 | -8.9% | 12 059 | -6.3% | 7 185 | -13.0% |
| Greece ⁽¹⁾ | GR | 594 | 2.4% | | | 594 | 2.4% | 356 | -17.4% | 238 | 59.7% |
| Croatia | HR | 206 | 53.7% | 5 | 150.0% | 211 | 55.1% | 195 | 61.2% | 16 | 6.7% |
| Hungary | HU | 437 | 1.2% | 13 | 18% | 450 | 1.6% | 429 | 5.4% | 21 | -41.7% |
| Ireland ⁽¹⁾ | IE | 217 | -66.1% | | | 217 | -66.1% | 167 | -13.5% | 50 | -88.8% |
| Iceland | IS | 52 | -11.9% | 8 | 14.3% | 60 | -9.1% | 47 | -16.1% | 13 | 30.0% |
| Italy ⁽¹⁾ | IT | 10 127 | 3.1% | | | 10 127 | 3.1% | 9 229 | 3.5% | 898 | -0.2% |
| Lithuania ⁽¹⁾ | LT | 123 | 17.1% | | | 123 | 17.1% | 90 | 11.1% | 33 | 37.5% |
| Luxembourg | LU | | - | | - | 491 | 12.9% | 119 | -21.7% | 372 | 31.4% |
| Latvia ⁽¹⁾ | LV | 87 | -20.9% | | | 87 | -20.9% | 82 | -4.7% | 5 | -79.2% |
| Monaco ⁽¹⁾ | MC | 15 | 0.0% | | | 15 | 0.0% | 10 | 150.0% | 5 | -54.5% |
| North Macedonia | MK | 1 096 | 0.4% | 3 | 50.0% | 1 099 | 0.5% | 49 | 53.1% | 1 050 | -1.1% |
| Malta ⁽¹⁾ | MT | 12 | -36.8% | | | 12 | -36.8% | 5 | 25.0% | 7 | -53.3% |
| Netherlands ⁽¹⁾ | NL | 2 677 | 6.3% | | | 2 677 | 6.3% | 2 228 | 5.6% | 449 | 9.8% |
| Norway | NO | 971 | -14.5% | 560 | 3.5% | 1 531 | -8.7% | 954 | -12.3% | 577 | -2.0% |
| Poland | PL | 3 946 | -7.6% | 53 | 0.0% | 3 999 | -7.5% | 3 887 | -7.6% | 112 | -2.6% |
| Portugal | PT | 945 | 14.4% | 20 | 25.0% | 965 | 14.6% | 757 | 4.1% | 208 | 80.9% |
| Romania | RO | 920 | - | 19 | - | 939 | - | 881 | - | 58 | - |
| Serbia | RS | 170 | 1.8% | 7 | 0.0% | 177 | 1.7% | 168 | 3.1% | 9 | -18.2% |
| Sweden | SE | 2 120 | -4.0% | 70 | 6.1% | 2 190 | -3.7% | 1 794 | -2.2% | 396 | -9.8% |
| Slovenia ⁽¹⁾ | SI | 264 | -5.0% | | | 264 | -5.0% | 255 | 0.0% | 9 | -60.9% |
| Slovakia | SK | 229 | 0.4% | 5 | 66.7% | 234 | 1.3% | 206 | -5.1% | 28 | 100.0% |
| San Marino | SM | 26 | -16.1% | 1 | | 27 | -12.9% | 11 | 120.0% | 16 | -38.5% |
| Turkey | TR | 7 813 | 7.1% | 274 | 27.4% | 8 087 | 7.7% | 7 871 | 9.2% | 216 | -27.5% |
| EPC States | | 136 061 | -3.9% | 11 557 | 1.8% | 148 109 | -0.9% | 112 193 | -3.1% | 35 916 | -3.4% |
| EPC States estimates | | | | | | 149 418 | -0.9% | | | | |

(1) PCT national route closed

Due to missing data, figures do not necessarily add up.

c) **First filings**

First filings as % of national domestic applications

| | | |
|---------------------------|-------|--------------|
| Albania | AL | 100.0% |
| Austria | AT | 76.9% |
| Belgium | BE | 88.4% |
| Bulgaria* | BG | |
| Switzerland/Liechtenstein | CH/LI | 89.1% |
| Cyprus | CY | 100.0% |
| Czech Republic | CZ | 99.5% |
| Germany | DE | 92.8% |
| Denmark | DK | 96.1% |
| Estonia | EE | 90.3% |
| Spain | ES | 98.9% |
| Finland | FI | 97.0% |
| France | FR | 97.7% |
| United Kingdom | GB | 89.5% |
| Greece | GR | 100.0% |
| Croatia | HR | 99.6% |
| Hungary | HU | 87.6% |
| Ireland | IE | 83.2% |
| Iceland | IS | 100.0% |
| Italy | IT | 97.2% |
| Liechtenstein | LI | |
| Lithuania | LT | 100.0% |
| Luxembourg* | LU | |
| Latvia | LV | 100.0% |
| Monaco | MC | 80.0% |
| North Macedonia | MK | 100.0% |
| Malta | MT | 100.0% |
| Netherlands | NL | 89.8% |
| Norway | NO | 93.9% |
| Poland | PL | 99.7% |
| Portugal | PT | 99.2% |
| Romania | RO | 99.9% |
| Serbia | RS | 100.0% |
| Sweden | SE | 97.6% |
| Slovenia | SI | 98.8% |
| Slovakia | SK | 99.5% |
| San Marino | SM | 100.0% |
| Turkey | TR | 98.4% |
| EPC states | | 94.0% |

* Data not provided

In addition 62% of the national applications filed by residents from other EPC states were first filings.

B. GRANT PROCEDURE

| Country | | Granted patents | | | Withdrawn | Applications | | Total |
|-----------------------------|-------|-----------------|---------------|---------------|--------------|------------------|---------------|----------------|
| | | Residents | Non residents | Total | | Deemed withdrawn | Refused | |
| Albania | AL | 2 | 0 | 2 | 0 | 0 | 0 | 2 |
| Austria | AT | 973 | 139 | 1 112 | 113 | | 1 013 | 2 238 |
| Belgium | BE | 814 | 184 | 998 | 70 | 0 | 58 | 1 126 |
| Bulgaria* | BG | | | | | | | |
| Switzerland / Liechtenstein | CH/LI | 436 | 179 | 615 | 126 | | 1 236 | 1 977 |
| Cyprus | CY | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Czech Republic | CZ | 467 | 42 | 509 | 100 | 236 | 227 | 1 072 |
| Germany | DE | 11 770 | 6 485 | 18 255 | 4 271 | 29 588 | 8 795 | 60 909 |
| Denmark | DK | 291 | 210 | 501 | 152 | 1 168 | 2 | 1 823 |
| Estonia | EE | 3 | 0 | 3 | 1 | 17 | 3 | 24 |
| Spain | ES | 1 175 | 97 | 1 272 | 175 | 230 | 54 | 1 731 |
| Finland | FI | 453 | 52 | 505 | 61 | 782 | 8 | 1 356 |
| France | FR | 13 975 | 2 270 | 16 245 | 582 | | 2 070 | 18 897 |
| United Kingdom | GB | 3 081 | 2 867 | 5 948 | 2 294 | | 11 227 | 19 469 |
| Greece | GR | 237 | 11 | 248 | 39 | 2 | 2 | 291 |
| Croatia | HR | 6 | 14 | 20 | 0 | 119 | 25 | 164 |
| Hungary | HU | 109 | 26 | 135 | 52 | 136 | 58 | 381 |
| Ireland | IE | 41 | 90 | 131 | 58 | 60 | 31 | 280 |
| Iceland | IS | 6 | 3 | 9 | | | | 9 |
| Italy | IT | 8 240 | 377 | 8 617 | 574 | | 2 359 | 11 550 |
| Lithuania | LT | 77 | 35 | 112 | 2 | 0 | 6 | 120 |
| Luxembourg | LU | 147 | 179 | 326 | | | | 326 |
| Latvia | LV | 40 | 12 | 52 | 11 | 2 | 11 | 76 |
| Monaco | MC | 6 | 2 | 8 | 3 | | | 11 |
| North Macedonia | MK | 21 | 951 | 972 | 5 | | | 977 |
| Malta | MT | 1 | 6 | 7 | 1 | | 1 | 9 |
| Netherlands | NL | 1 578 | 358 | 1 936 | 325 | 275 | 7 | 2 543 |
| Norway | NO | 497 | 714 | 1 211 | 101 | 1 162 | 10 | 2 484 |
| Poland | PL | 2 947 | 95 | 3 042 | | | 1 263 | 4 305 |
| Portugal | PT | 117 | 85 | 202 | 17 | | 179 | 398 |
| Romania | RO | 349 | 8 | 357 | 20 | 217 | 348 | 942 |
| Serbia | RS | 54 | 5 | 59 | 23 | 77 | 59 | 218 |
| Sweden | SE | 793 | 127 | 920 | 139 | 1 256 | 44 | 2 359 |
| Slovenia | SI | 192 | 14 | 206 | 16 | 43 | 0 | 265 |
| Slovakia | SK | 68 | 23 | 91 | 9 | 54 | 35 | 189 |
| San Marino | SM | 7 | 30 | 37 | 2 | 0 | 0 | 39 |
| Turkey | TR | 1 756 | 185 | 1 941 | 100 | 480 | 377 | 2 898 |
| Total | | 50 729 | 15 875 | 66 604 | 9 442 | 35 905 | 29 508 | 141 459 |
| Total estimates | | | | 66 800 | | | | 141 640 |

* Data not provided

C. WORKING AGREEMENTS EPO-NPO ON SEARCH

As per CA/37/08 rev. 1, the table below shows the latest figures on the numbers and proportions of national applications for which the EPO has conducted search on behalf of the 13 Contracting States (FR, NL, BE, LU, CY, GR, IT, LT, LV, MC, MT, SM, UK), which were subsequently filed as European applications or PCT international applications.

Applications are counted in the year of the subsequent applications. Counts for 2019 are still provisional.

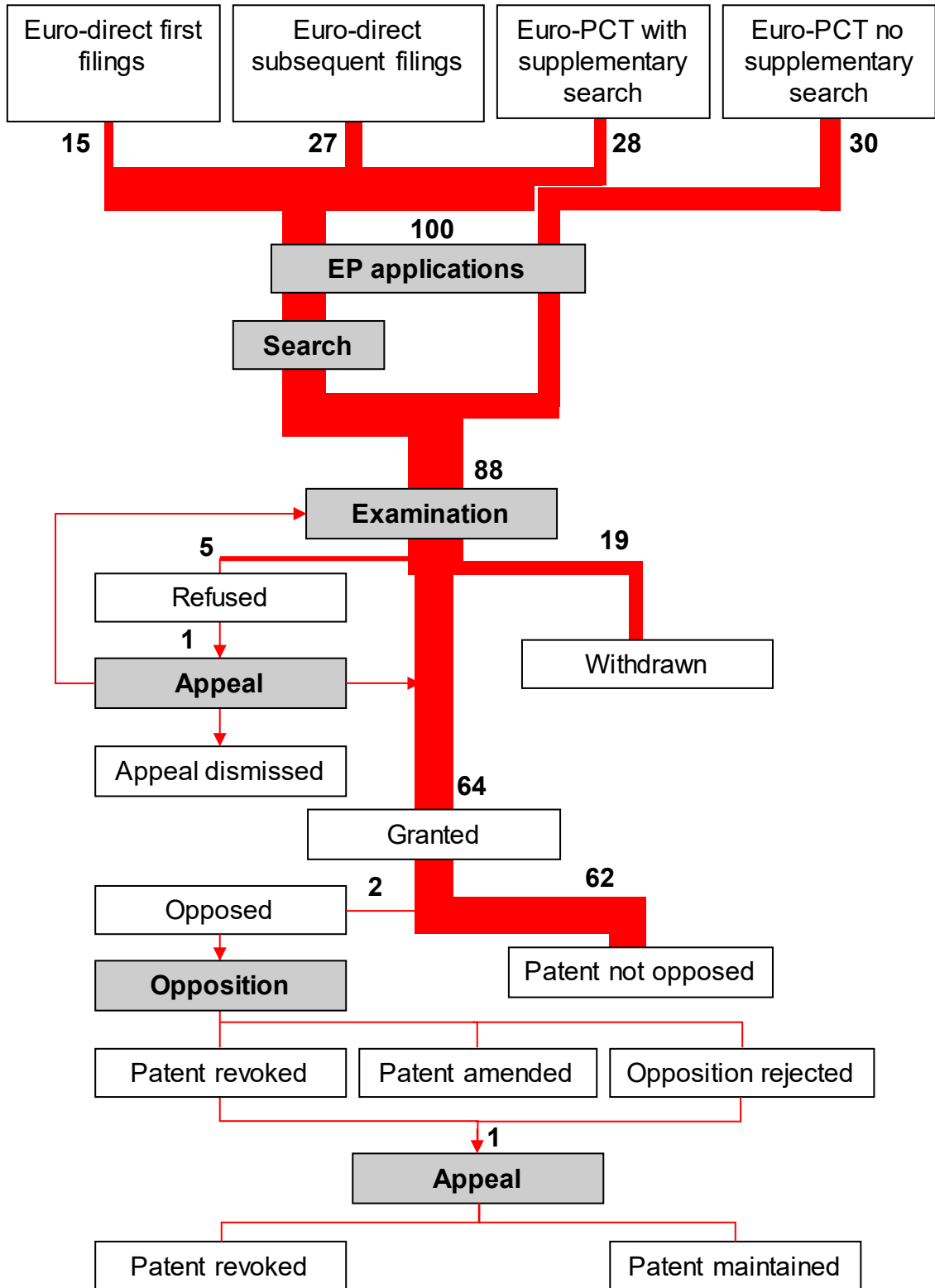
As proposed in CA/51/20, the statistics of the return rates are now presented for one group of the 13 Contracting States having a working agreement in place instead of two groups.

| Year | Searched by the EPO | Not extended / Remained national | | Extended as | | | |
|------|---------------------|----------------------------------|-----|-------------|-----|--------|-----|
| | | | | EP | | PCT | |
| 2018 | 25 626 | 11 539 | 45% | 4 218 | 16% | 9 869 | 39% |
| 2019 | 25 467 | 11 219 | 44% | 4 196 | 16% | 10 052 | 40% |

ANNEX 3 THE EUROPEAN PATENT PROCEDURE IN 2019

The figures illustrate the 2019 values of the different parameters.

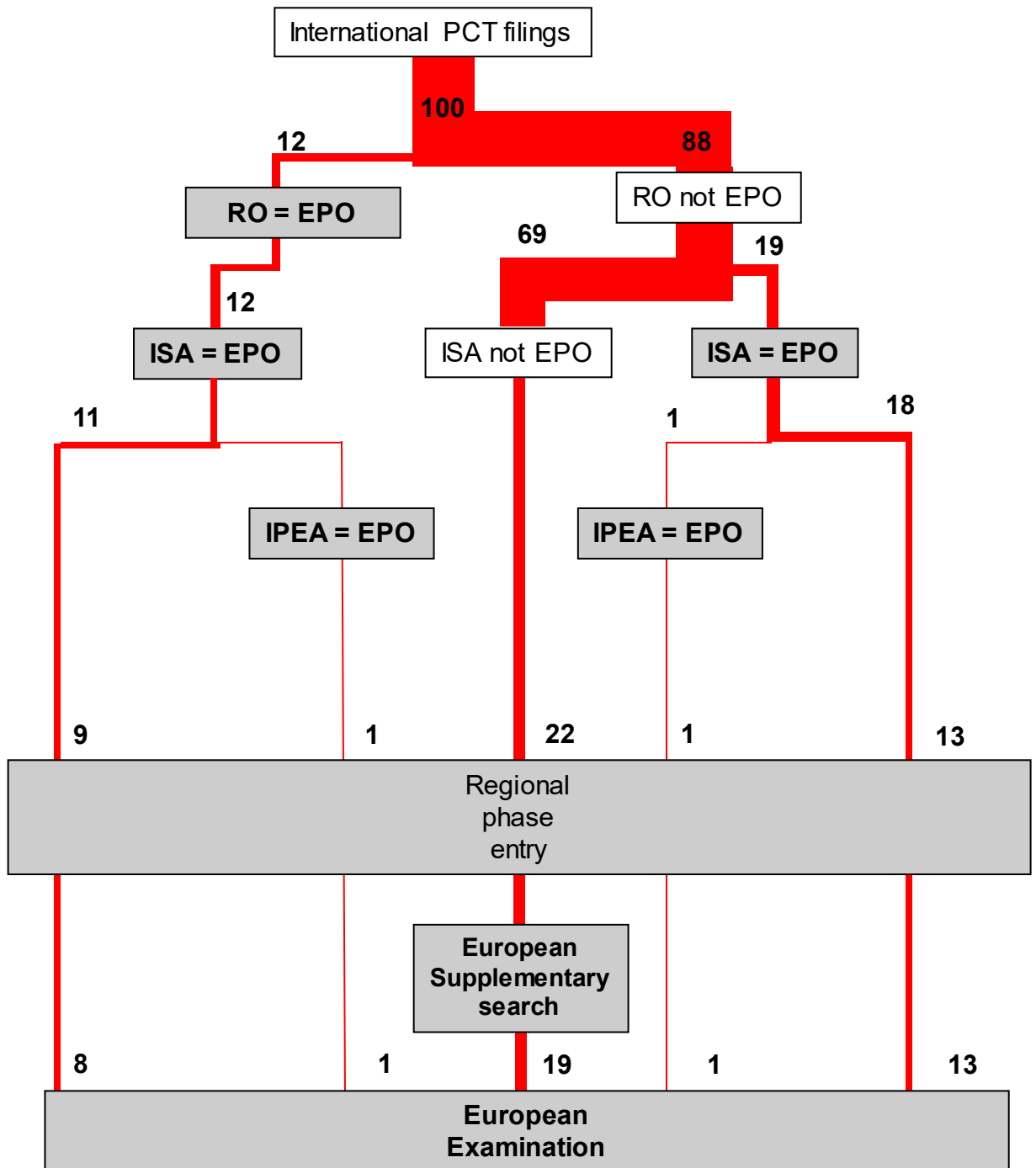
European grant procedure in 2019



ANNEX 4 THE PCT INTERNATIONAL PHASE AND THE EPO IN 2019

The figures illustrate the 2019 values of the different parameters.

PCT International phase and the EPO activities in 2019



RO: Receiving Office
 ISA: International Search Authority
 IPEA: International Preliminary Examining Authority

ANNEX 5 GLOSSARY

Amended form: patent application (description, claims or drawings) has been amended before grant (Article 123 EPC) or during the opposition proceedings (Article 101 EPC) .

Appeal: *ex parte* appeal, *inter partes* appeal or a PCT protest as well as a legal appeal, a disciplinary appeal (Article 106 EPC).

Country of origin: country of residence of the first named applicant.

Direct European route (application): patent application filed under Article 75 EPC (also Euro-direct application).

Designation: indication of the contracting state(s) in which the protection for the invention is desired (Article 79 EPC).

EPC: European Patent Convention (38 contracting states as at 31 December 2019) enables the patent applicant, by means of a single procedure, to obtain a patent in some or all of the contracting states.

Euro-PCT route: a way to obtain a European patent by designating the EPO in a PCT application (Article 11 PCT).

Euro-PCT application – international phase (or Euro-PCT application or PCT international): a PCT application designating the EPO (Article 153(2) EPC).

Euro-PCT application – regional phase (or PCT regional): PCT application entering the European (or regional) phase once the applicant has fulfilled the conditions under Article 22 or 39 PCT, Article 153(3) and (4) and Rule 159 EPC.

Euro-PCT search (or PCT Chapter I): search carried out by the EPO acting as International Searching Authority for a Euro-PCT application in the international phase (Article 16 PCT).

European patent application: either a direct European application or a PCT international application entering the regional phase during the reporting period.

European examination: on written request the EPO shall examine a European patent application (Article 94 EPC).

European first filings: a European application filed without claiming the priority of a previous application.

European search: search carried out by the EPO on a direct European application or a Euro-PCT application having entered the European phase (Article 92 EPC).

Ex parte case: appeal filed against a decision taken by an examining division where only one party is involved.

Final action: the last decision taken by the examining division in the examination procedure, either refusing the patent application or indicating the intention to grant a patent (Article 97 EPC).

First action: the first communication sent to the applicant in the examination procedure (Article 94(3), Rule 71(3) EPC).

Inter partes case: appeal filed against a decision taken by an opposition division where two or more parties are involved.

International PCT filings: (see PCT applications)

International preliminary examination (or PCT Chapter II): non-binding examination which can be requested for a PCT application (Article 31 PCT).

International Preliminary Examining Authority (IPEA): (23 authorities as of 1 July 2019) office with competence to carry out the international preliminary examination for a PCT application. It may be either a national office (AT, AU, BR, CA, CL, CN, EG, ES, FI, IL, IN, JP, KR, PH, RU, SE, SG, TR, UA, US) or an intergovernmental organisation (EPO, Nordic PI, Visegrad PI) (Article 32 PCT, Article 152 EPC).

International search report with written opinion: search report drawn up by a PCT International Searching Authority (Article 18 PCT and Article 153(6) EPC).

International Searching Authority (ISA): (23 authorities as of 1 July 2019) office with competence to carry out the international search for a PCT application. It may be either a national office (AT, AU, BR, CA, CL, CN, EG, ES, FI, IL, IN, JP, KR, PH, RU, SE, SG, TR, UA, US) or an intergovernmental organisation (EPO, Nordic PI, Visegrad PI), (Article 16 PCT, Article 152 EPC).

IPC (classification): all patent applications are classified in this internationally recognised classification system, which facilitates searches to be carried out on all

existing patent documents by technical fields.

National application: filed at a national patent office according to a national procedure or a PCT international application entering the national phase during the reporting period.

Opposition: under Articles 99 and 100 EPC, within nine months from the publication of the mention of the grant of a European patent in the European Patent Bulletin, any person may give notice to the EPO of opposition to the European patent granted, invoking lack of patentability, e.g. lack of novelty or inventive step (Articles 52-57 EPC); or lack of sufficiently clear and complete disclosure of invention (Article 83 EPC); or that the granted patent extends beyond the application as filed (Article 123(2) EPC).

Patent granted: when the examining division is of the opinion that the application and the invention to which it relates meet the requirements of the EPC, it shall decide to grant the European patent, Article 97(1) EPC. The grant will be effective from the date on which the European Patent Bulletin mentions the grant (Article 97(3) EPC).

PCT: Patent Cooperation Treaty, which encompassed 153 contracting states on 1 August 2020, enabling a patent applicant, by means of a single procedure, to file a patent application in some or all of the contracting states.

PCT application or filing: international application filed under the PCT (Article 3 PCT).

PCT international phase: part of the PCT procedure from filing until the end of the delay to enter national or regional phase (see PCT national phase and Euro-PCT application).

PCT international search: search carried out by an International Searching Authority.

PCT national phase: PCT application entering the national phase once the applicant has fulfilled the conditions under Article 22 or 39 PCT.

PCT regional phase: PCT application entering the European phase at the EPO once the applicant has fulfilled the conditions under Article 22 or 39 PCT.

PCT route: one possible way of filing a patent application within any of the PCT contracting states.

Processing time: time elapsing between the moments the examiner starts and completes a given phase of the procedure.

Protest: appeal filed by an applicant in the PCT procedure if he does not agree with the request to pay an additional fee following a decision on lack of unity of invention taken during either the international search or the international preliminary examination (international phase of the PCT) (Articles 17(3)(a) and 34(3)(a), Rules 40.2 and 68.3 PCT, Rule 158 (3) EPC).

Publication: a patent application is published twice during the procedure:

- a European patent application is published as soon as possible after the expiry of a period of eighteen months from the date of filing or, if priority has been claimed, as from the date of priority (Article 93, Rules 67-69 EPC);
- at the same time as the Office publishes the mention of the grant of the European patent, the Office publishes a specification of the European patent containing the description, the claims and any drawings, Articles 98 and 103, Rule 73 EPC. An international patent application, where the Office is designated, is published under Article 21 PCT and is mentioned in the European Patent Bulletin (Article 153(3)-(6) EPC).

Refusal/rejection:

- the examination division will refuse a European patent application if it is of the opinion that such application or the invention to which it relates does not meet the requirements of the EPC, or if the applicant fails to observe a given time limit (Articles 97(2) EPC).
- the Office will reject an opposition or an appeal if it does not fulfil the necessary requirements (Articles 101 and 110 EPC).

Revocation: a patent is revoked after an opposition procedure if the subject-matter of the patent application is not patentable or if it does not disclose the invention in a manner sufficiently clear and complete for it to be carried out by a person skilled in the art or if the subject matter goes beyond the content of the application filed. The patent can also be revoked if the patent applicant fails to meet all formal requirements (Article 101(2) EPC).

Search report: a report of the results of the search drawn up by the search division if the patent application has been accorded a date of filing and is not deemed to be withdrawn (Article 92 EPC).

Supplementary European search: search carried out by the EPO on a Euro-PCT application entering the regional phase for which the ISA was not the EPO (Article 153(7) EPC).

Technical appeal: *ex parte* appeal, *inter partes* appeal or a PCT protest.

Withdrawal: this is the result of non-compliance to the EPC rules, at any stage of the procedure the applicant does:

- not pay fees in due time
- not file a request for examination within the given time period (Article 94(2) EPC)
- not reply in due time to any invitation within the examination procedure (Article 94(4) EPC).

A patent application can be withdrawn by the applicant at any stage except where a third party proves to the Office that he has initiated proceedings concerning entitlement and then until such time as the Office resumes the proceedings for grant (Rule 14 EPC).