



INDUSTRIAL PROPERTY OFFICE  
OF THE SLOVAK REPUBLIC



ANNUAL REPORT  
**2018**



ANNUAL REPORT  
2018

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# Foreword



**JUDr. Richard Messinger**  
The IPO SR President

## Dear Readers,

It is time to recapitulate and highlight last year's achievements on the domestic or international fields. There is definitely much to write about, our Office progressed, innovated and learned. Therefore, it is an honour to speak to you and thank you for your trust and cooperation in professional or social growth. It is thanks to this that today we can present the results of the Industrial Property Office of SR for the year 2018 with the raised head.

The year 2018 was dynamic and rich in legislative activities. Legislative priorities were the amendment of the Trade Mark Act, which was transposing in nature, implying the need to complete the legislative process in 2018 so that the amendments would take effect in January 2019, when the transposition deadline expired. The amendment to the Trade Mark Act and its Implementing Decree brought substantial changes and additions to the trade mark law. I would like to mention the abandonment of the condition of the graphic representation of the trade mark, and thus the creation of a space for the registration of non-traditional types of trade marks, but also strengthening the rights of trade mark proprietors and strengthening the principle of granting protection only to trade marks actually used in the relevant way.

In connection with legislative activity, it is not possible to omit the amendment of the decrees implementing the Patent Act and the Act on Utility Models. These amended decrees pay special attention to requirements, form and standards of a patent application, respectively utility model application. Not least, I consider it necessary to mention the amendment to the Decree implementing the Act on Designs.

In 2018, the Office prepared its electronic systems for changes resulting from the transposition of the Directive to Trade Marks. Changes to the forms and web registries were extensive and affected all systems not only for the Office staff but also for the clients themselves.

The Office is aware of the importance of maintaining and strengthening international and regional relations. In today's globalised society, it is not possible to proceed without interactions with foreign countries and not at all in the field of intellectual property with global dimension. The Office defends and actively shapes Slovakia's positions in international organisations aimed at IP protection. The dynamics of cooperation with the EPO, EUIPO or WIPO is set progressively and it is up to us whether we can keep pace. Taking into account 2018, I can say that the Slovak Republic is an equal partner and the Office, as its representative, continues to implement several projects. As part of the process alignment, we continue to engage in convergent projects. In the beginning of 2018, the Office began working with a new online project management environment for cooperation with the EUIPO. Projects focused on educational programs in the field of information communication technologies, data exchange, tools development to ensure better access to information and, not least, in the harmonisation of procedures or methods of examination are a solid part of the Office's international cooperation services.





## Príhovor

I am pleased so much that the Office strengthens regional cooperation and that in the last year we signed a Memorandum of Cooperation with the Ministry of Economic Development and Trade of Ukraine, and we have started working also on a Memorandum of Cooperation with the Industrial Property Office of the Republic of Slovenia. The exchange of information and experience keeps us moving forward.

In view of the increased demand for information as well as the growing number of innovative businesses, a number of projects, aimed at constant raising awareness and knowledge of citizens about the possibilities for developing technical creativity and related protection, were outlined in 2018.

Next year, the Office intends to focus on optimizing electronic forms with added and enhanced functionalities that should facilitate filling in and submitting applications to the Office. We certainly want to stay in the digitisation of our activities and also to monitor and implement new trends in eGovernment in Slovakia.

We will continue to increase the quality and effectiveness of the organisation's performance. It is the reason that we decided, in 2019, to implement a Quality Management Project in Public Administration (CAF). The aim of the national project is to contribute to increasing the efficiency and quality of the organization's activities management. And last but not least, we expect the reconstruction of the Office building to reduce its energy intensity.

The Industrial Property Office of SR is unique in its activities in the Slovak Republic, and this uniqueness obliges us to continually progress and improve. Therefore, let me express my sincere thanks to all those involved in achieving the goals set and standing behind the high level of expertise and prestige of the Office.



**JUDr. Richard Messinger**  
The IPO SR President

# Events Calendar

## 01 01.01.2018

### Launching the New Version of the Portal Intellectual Property

A new version of the Portal Intellectual Property ([www.dusevnevlastnictvo.gov.sk](http://www.dusevnevlastnictvo.gov.sk)) was successfully put into operation. The Portal was completely redesigned to become more user-friendly, accessible, intuitive, while retaining its core function of informing the public interested in intellectual property issues by providing up-to-date information in this area to enable them to deal with public issues through answers to users' questions.

## 01 01.01. – 27.04.2018

### Exhibition Colours and Curves of Poľana

The Exhibition of works by Július Ciglan Colours and Curves of Poľana was made available in the premises of the Industrial Property Office of SR. By the Exhibition, the author emphasised the depiction of the colour of the extinct Poľana volcano in its various times and seasons. His views on the landscape or its details after their completion were combined with the lyrical-epic poems *Marína* and *Detvan* by Andrej Sládkovič.

## 04 01.04.2018

### Amendments to the Implementing Regulations of the European Patent Convention (European Patent Convention)

By the notification of the Ministry of Foreign and European Affairs of the Slovak Republic No. 254/2018 Coll., the amendments to the Implementing Regulations to the Convention on the Grant of European Patents (European Patent Convention) were published in the Collection of Laws of the Slovak Republic. The amendments were adopted on December 13, 2017 by the decision of the Administrative Council of the European Patent Organisation and entered into force on April 1, 2018.

## 04 01.04.2018

### Amendments to Rules relating to Fees of the European Patent Convention (European Patent Convention)

By the notification of the Ministry of Foreign and European Affairs of the Slovak Republic No. 256/2018 Coll., the amendments to Rules Relating to Fees to the Convention on the Grant of European Patents (European Patent Convention) were published in the Collection of Laws of the Slovak Republic. The amendments were adopted on December 13, 2017 by decision of the Administrative Council of the European Patent Organisation and entered into force on April 1, 2018.

## 04 05.04.2018

### Search in Freely Available Databases

In the premises of the Industrial Property Office of SR, a one-day practical training on the topic Search in Freely Accessible Databases, with the aim to improve services involving the provision of information in the area of IP protection took place. In addition to demonstrations of searches, the program also included reading a search report as part of a utility model registration (the applicant's strategy) and a preview of the paid Global Patent Index (EPO) database to which PATLIB centres are entitled.



## Events Calendar

### 04 11. - 14.04.2018

#### CONECO Fair – Racioenergy – Passive Houses – Wooden Buildings – Water

The fairs, which took place in the premises of Bratislava's Incheba, brought new trends in construction and architecture. Under one roof you could find everything you need for construction and renovation – from building materials, through windows, doors, roofs, floors, air conditioning, wiring, saunas, whirlpools, garage doors to garden equipment. Employees of the Industrial Property Office of SR provided exhibitors with information on the possibilities of IP protection.



Lecture series for students within the World IP Day

### 04 15.04.2018

#### April Town Wandering at the Industrial Property Office of SR

Wandering was hosted by Lýdia Búliková. At the beginning, she talked about the establishment of the IP Office, the cooperation with the European Patent Office and that the Office is a central state administration body in the field of protection of inventions, utility models, topographies, designs, trade marks, geographical indications etc. An employee of the IPO SR, Lucia Bocková, who introduced participants in the IP issues, took the floor. There was also an opportunity to "play" at the Permanent Exhibition Scientific Toy. With Gabriela Pířová, also an employee of the IPO SR, the participants attended the IPO SR archive.



The ceremonial speech of JUDr. R. Messinger, The IPO SR President, on the occasion of the World IP Day

### 04 24. - 26.04.2018

#### World IP Day

For the first time the IPO SR observed the last year's World IP Day with three-day program. On Tuesday, April 24, in cooperation with the Financial Directorate of SR and the Civic Association Scientific Toy the employees of the Office prepared a lecture series for pupils and students with creative workshops. On Wednesday, April 25, the IPO SR President JUDr. Richard Messinger opened the program in the Office by the ceremonial speech. This was followed by the traditional Conference Intellectual Property in Slovakia XVIII focusing on trade marks. On Thursday, April 26, the Office's activities culminated in a seminar prepared by the Office in cooperation with the European Union Intellectual Property Office (EUIPO) - EUIPO Boards of Appeal. The seminar dealt with the work of the senates, as well as with the selected case-law on the European Union trade marks and registered Community designs.





## Events Calendar

**04** 01.04 – 30.06.2018



### Exhibition of ATELIÉR 3G Paintings – Art Inspirations

The Industrial Property Office of SR and the Civic Association Ateliér 3G – Artists of Three Generations Banská Bystrica - opened the exhibition of paintings of members of this Association in the Office's entrance areas.

**05** 24.05.2018

### International Engineering Fair Nitra

The event took place at the Agrokomplex Nitra exhibition centre. Representatives of the Industrial Property Office of SR presented the activities and services of the Office.

**06** 01.06.2018

### New Secretary General of IPO SR

The Industrial Property Office of SR has got a new Secretary General of the Service Office. With effect from May 31, 2018, the Government of the Slovak Republic has recalled Ing. Peter Čerba. On June 1, 2018, JUDr. Ing. Petra Presperinová was appointed the new Secretary General of the IPO SR Service Office.

**06** 25.06.2018

### Joint Seminar of the Visegrad Group and China on IP

In the congress hall of the Industrial Property Office of CR, the Seminar of the Visegrad Group states and China on IP took place. The Seminar was also attended by the employee of the Industrial Property Office of SR Jana Rešutíková with the topic Increasing Awareness Towards the Use of IP SMEs, Start-ups, Universities.

**07** 01.07.2018

### Amendments to the Patent Cooperation Treaty Implementing Regulation

By the notification of the Ministry of Foreign and European Affairs of the Slovak Republic No. 180/2018 Coll., the amendments to the Implementing Regulation to the Patent Cooperation Treaty were published in the Collection of Laws of the Slovak Republic. The amendments were adopted on October 11, 2017 at the International Patent Cooperation Union Meeting and entered into force on July 1, 2018.

**09** 12.09.2018

### Open Day, Košice Regional Chamber of SCCI

The Open Day of the Industrial Property Office of SR was held in the premises of the Košice Regional Chamber. During this day, the employees of the Office provided entrepreneurs with information on IP issues, as well as search services and specific protection options.



## Events Calendar

09 13.09.2018



### Open Day, Banská Bystrica Regional Chamber of SCCI

Traditionally, the Open Day of the Industrial Property Office of SR was held in the Banská Bystrica Regional Chamber of SCCI. Information on IP search services and copyright protection were provided to companies.



Open Day, Banská Bystrica  
Regional Chamber of SCCI

09 19.09.2018

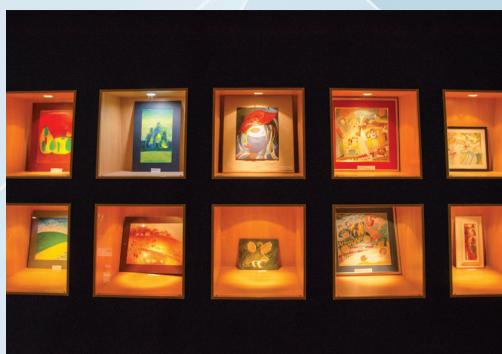


### Meeting with EUIPO Delegates

A second working meeting with delegates of the European Union Intellectual Property Office took place in the premises of the Industrial Property Office of SR. The topic of the meeting was to evaluate the development of mutual cooperation, exchange of information, experience and plans for future cooperation. The Cooperation Agreement, TM/DesignView Projects, eFiling, convergent projects etc. were discussed.



Meeting with EUIPO Delegates



Exhibition of ATELIER 3G Paintings



Seminar called Search in Free Databases



## Events Calendar

**09** 26.09.2018



### Seminar and Consultation Day: Company IP Protection, Bratislava SCCI

A seminar focused on the company IP protection was held in the premises of the Bratislava Regional Chamber of SCCI, while representatives of the IPO SR informed mainly on trade marks, their characteristics, the amendment of Trade Mark Act and on new types of trade marks.



Seminar and Consultation Day:  
Company IP Protection, Bratislava SCCI

**09** 28.09.2018



### European Researchers' Night 2018

The 12th year of the Science Festival in Slovakia – European Researchers' Night 2018 – took place in Bratislava, Banská Bystrica, Žilina, Košice and Poprad. The motto of the last year's festival "Researchers in Us" was to remind us that each of us has ever experienced what it is like to be a scientist and everyone can contribute to progress with their knowledge. Representatives of the Industrial Property Office of SR participated in the Project in Banská Bystrica and Košice.



European Researchers' Night 2018

**10** 03. – 10.10.2018

### Seminar IP Protection XIV

The Slovak Chamber of Patent Attorneys in cooperation with the Industrial Property Office of SR organised a seminar IP Protection XIV, which took place at the hotel SOREA TRIGAN in Štrbské Pleso. On the first day, the lectures were presented by the IPO SR representatives focusing on trade marks: The Amendment to the Trade Marks Act and the Decree (Jitka Mikuličová), Opposition Proceedings after the Amendment to the Trade Marks Act (Danka Gašperanová), Proceedings on EU Trade Mark Application vs. Proceedings on Trade Mark Application at the IPO SR (Martin Mitura). At the end of the day, Mark Gardonyi (VPI) presented the Visegrad Patent Institute.



## Events Calendar

**10** 08.10.2018

### Amendments to IP Decrees

On this day, a Decree of the Industrial Property Office of SR No. 278/2018 Coll. amending and supplementing the Decree of the Industrial Property Office of SR No. 223/2002 Coll. implementing the Act No. 435/2001 Coll. on Patents, Supplementary Protection Certificates and Amendments to Certain Laws (Patent Act) was published. Similarly, a Decree of the Industrial Property Office of SR No. 279/2018 Coll. amending and supplementing the Decree of the Industrial Property Office of the Slovak Republic No. 1/2008 Coll., implementing the Act No. 517/2007 Coll. on Utility Models and on Amendments to Certain Acts was published in the Collection of Laws of SR.



Defending the Final Works of the Intellectual Property Course



Exhibition of Hand-Painted Screens

**10** 10.10.2018

### Defending the Final Works of the Intellectual Property Course

In the Industrial Property Office of SR, the participants of the educational program Intellectual Property defended the final works. The study was carried out in four modules A, B, C and D. After completing nine exams, the graduates completed their education by elaborating the final written work and its public defence. The Intellectual Property Institute was successfully completed by eight graduates last year.



**10** 10. – 12.10.2018

### Exhibition of Hand-Painted Screens

The Exhibition of Hand-Painted Screens by the author, Ing. arch. Ingrid Krajčovičová from graphic studio INAK Banská Bystrica was made available in the premises of the Industrial Property Office of SR. Every screen, hand-painted, digitally processed and printed with state-of-the-art technology, is the original, which copyrighters have breathed the new life in.



## Events Calendar

**10** 12.10.2018



### National Design Prize 2018 - Communication Design

A gala evening was held in Nová Cvernovka in Bratislava, during which the names of the winners in the categories of professional design, student design and design with added value were announced. The Industrial Property Office of SR was represented by Mgr. Bc. Miroslav Čellár, who presented several awards.

**10** 15.10.2018



### Seminar WIPO Services and Initiatives

The Seminar WIPO Services and Initiatives organised by the Industrial Property Office of SR in cooperation with the World Intellectual Property Organization (WIPO) took place in Bratislava on this day. The Seminar was intended for the general public interested in the development of global services provided by this international Organization. Foreign experts presented the services and activities of the Arbitration and Mediation Centre, the WIPO information sources and research tools, as well as the basic functionalities of international registration systems such as the PCT system (patents), the Madrid system (trade marks), the Hague system (designs) and the Lisbon system (designations of origin).



The IPO SR Vice President  
Mgr. Bc. Miroslav Čellár presenting  
the National Design Prize 2018



Seminar WIPO Services and Initiatives



Seminar Effective Dialogue between  
Patent Experts, Patent Attorneys  
and Applicants

**10** 16. – 18.10.2018



### Effective Dialogue between Patent Experts, Patent Attorneys and Applicants

These days, the Seminar, organised by the European Patent Academy working at the European Patent Office (EPO) in cooperation with the Industrial Property Office of SR, aimed at the effective dialogue between patent experts and patent attorneys or applicants, took place in Bratislava. During three days, patent experts from various European and non-European countries had the opportunity to improve their communication skills, both at work and in their personal lives. All lectures were conducted by experienced EPO lecturers, Slovak patent attorneys and patent experts from the IPO SR. The advantage of this international meeting was the possibility of exchanging experiences of individual patent offices.



## Events Calendar

### 10 17.10.2018

#### Amendments of the Acts in IP

On this day, the Act No. 291/2018 Coll. Amending and Supplementing the Act No. 506/2009 Coll. on Trade Marks, as Amended, and Amending Certain Acts was published in the Collections of Laws of SR. The Act No. 291/2018 Coll. amended the following legislation: Act No. 506/2009 Coll. on Trade Marks as Amended; Act No. 435/2001 Coll. on Patents, Supplementary Protection Certificates and Amendments to Certain Acts (Patent Act), as Amended; Act No. 444/2002 Coll. on Designs as Amended.

### 11 06.11 – 07.11.2018

#### Professional Examination to Perform Patent Attorney Activities

The IPO SR in cooperation with the Slovak Chamber of Patent Attorneys organised the professional examination to perform patent attorney activities with two participants. Last year, neither candidate for a patent attorney's examination was successful.

### 11 28.11.2018

#### Amendments to IP Decrees

The Decree of the Industrial Property Office of SR No. 332/2018 Coll. Amending and Supplementing the Decree of the Industrial Property Office of SR No. 567/2009 Coll. implementing the Act No. 506/2009 Coll. Trade Marks was published in the Collection of Laws of SR. Similarly, a Decree of the Industrial Property Office of SR No. 333/2018 Coll. Amending and Supplementing the Decree of the Industrial Property Office of SR No. 629/2002 Coll. implementing the Act No. 444/2002 Coll. on Designs was published in the Collection of Laws of SR.



# Executive Activities of the IPO SR

## PATENTS

Patents are important form of protection of new inventions (such as products, technologies and devices). The IPO SR grants patents for inventions in all fields of technology, which are new, involve an inventive step and are industrially applicable. Patents shall be granted for not only new products, devices and technologies but also chemical substances, medicines, microorganisms used in industrial production as well as biotechnological processes and products resulting from them.

Patent is a protective document granting an owner an exclusive right to use the protected invention during the certain period and within the certain territory. By publishing an invention described in a patent application the public obtains valuable technical information, which may create basis for development in the particular field of technology.

By December 31, 2018, there were **19,247** valid patents registered in the Slovak Republic; **1,163** of them were granted by a **national route**. On that day, there were **18,084** valid **European patents** in the territory of the Slovak Republic.

Totally **231** patent applications were filed with the Office during **2018**; **217** of them were filed by domestic (216 domestic patent applications and 1 PCT SK) and **14** by foreign applicants. It was almost **12 % more** than in 2017. The number of domestic applicants increased by **33** compared to 2017, which represents **18 %-increase**. The number of **foreign applicants decreased by 9 applications**. The most **foreign applicants** were traditionally from the Czech Republic.

**28 international applications** were filed with the IPO SR as the receiving office under the **Patent Cooperation Treaty (PCT)** last year. It is an increase by more than **16 %** compared to 2017.







Within the **Visegrad Patent Institute (VPI)** acting as the International Searching Authority, **5 international searches** and written opinions to international applications were drawn up.

As of **January 1, 2018**, applicants have had the right to apply for a **search within a priority period** when filing a patent application. If the legal conditions are met (Article 41(b) of the Act No. 435/2001 Coll. on Patents,

Supplementary Protection Certificates and on Amendments and Supplements to Certain Acts as Amended), the Office shall perform a search on the subject matter of the application upon the applicant's request and deliver the search report within the **period of 9 months after filing the application** to the applicant. If the Office performs the search on the subject matter of the application within a priority period, the application shall be published together with search report. Search performed within a priority period shall provide the applicant with the information necessary to decide on the possible protection of the identical invention abroad (if an application for the identical invention is filed abroad within the period of 12 months from the filing the application in SR, the applicant may request for this foreign application priority from the application filed in SR).

In 2018, approximately **5 %** of applicants used the opportunity to request a search within the priority period.

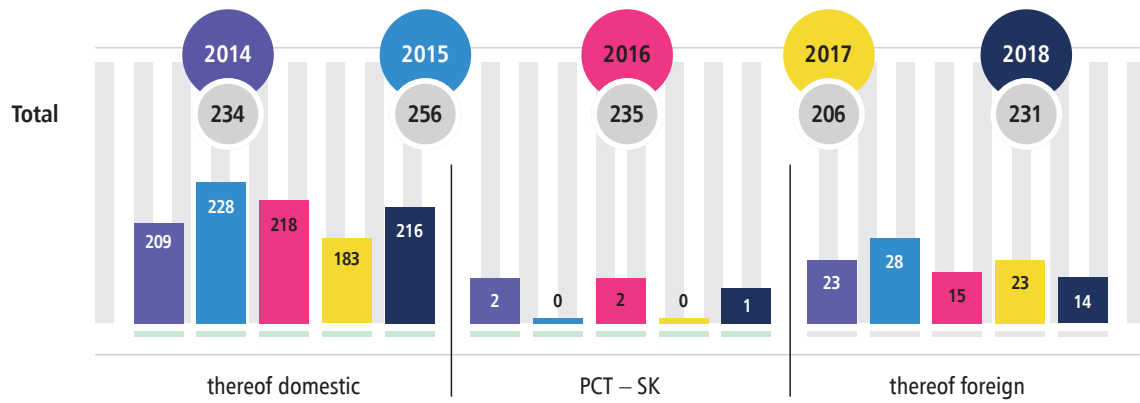
Patents application by the country of origin  
(1) National (2) PCT (3) Total

1	8	1	1	1	216	1
2	2	0	0	0	1	0
3	10	1	1	1	217	1
						
	Czech Republic (CZ)	Germany (DE)	United Kingdom (GB)	Republic of Korea (KR)	Slovakia (SK)	Turkey (TR)

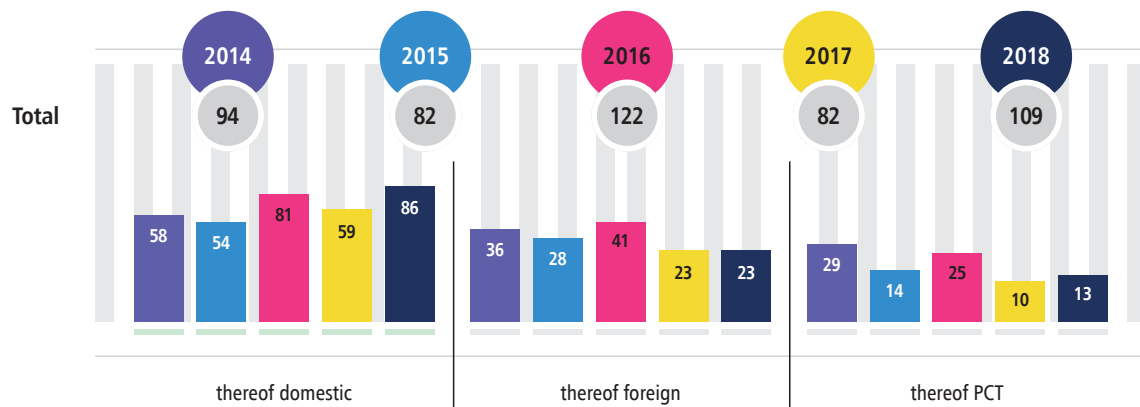


## Executive Activities of the IPO SR

### Patent Applications



### Granted patents



### SUPPLEMENTARY PROTECTION CERTIFICATES FOR MEDICINAL PRODUCTS AND PLANT PROTECTION PRODUCTS

Introduction of a new medicinal product or plant protection product on the market requires extensive and expensive research and additional several years of testing, and approval by the relevant authority. When such medicinal product or a plant protection product is protected by a patent, authorisation procedure shortens the effective patent protection period for such medicinal product or plant protection product, i. e. the period for commercial use of a new medicinal product or plant protection product. Sufficiently long patent protection of such new medicinal products and plant protection products is essential for the return of investments in pharmaceutical research and thus also for support for further pharmaceutical research and for research in the plant protection field. Supplementary protection certificates shall have to balance a shortened period of the basic patent protection.

Medicinal products and plant protection products, which can be placed on the market only on the base of an authorisation issued by the relevant authority, are protected by supplementary protection certificates. The certificate is granted to an owner of a basic patent or to his/her legal successor for a period not extending five years depending on the time elapsed between the filing the patent application of the basic patent and the authorisation to place the product on the market. The validity of supplementary protection certificates for medicinal products, for which studies had been conducted in compliance with agreed paediatric investigation plan approved by the European Medicines Agency, can be extended for another 6 months under certain conditions.

In 2018, the Office received **41 applications** for supplementary protection certificate and granted **24 supplementary protection certificates**. 4 supplementary protection certificate owners requested the supplementary protection certificate validity extension for six months.

### UTILITY MODELS

Based on the number of filed applications it can be stated that a utility model is the most common form of protection of technical solutions in Slovakia. Utility model protects technical solutions if they are new, involve an inventive activity, and are industrially applicable.

The holders of valid registered utility models shall have an exclusive right to exploit the protected technical solutions identical to patent rights. However, unlike patents maximum validity of which is 20 years from filing an application, the utility model may be valid for a maximum of 10 years from filing an application. These rights can be obtained in a simpler way than patent protection for an invention because utility models are registered without examination of the novelty and inventive step if technical solutions fall within the scope of subject matters protected by utility models. The disadvantage is a higher risk that the registered utility model can be cancelled from the Register on the request of the third party if the Office based on such request finds out that the utility model subject matter fails to meet conditions set by the Act No. 517/2007 Coll. on Utility Models and on Amendment of Some Acts.

By December 31, 2018, there were **1,872 valid utility models** in the Slovak Republic; during 2018, the Office registered **337 utility models**, which represents increase almost by **10 %**.

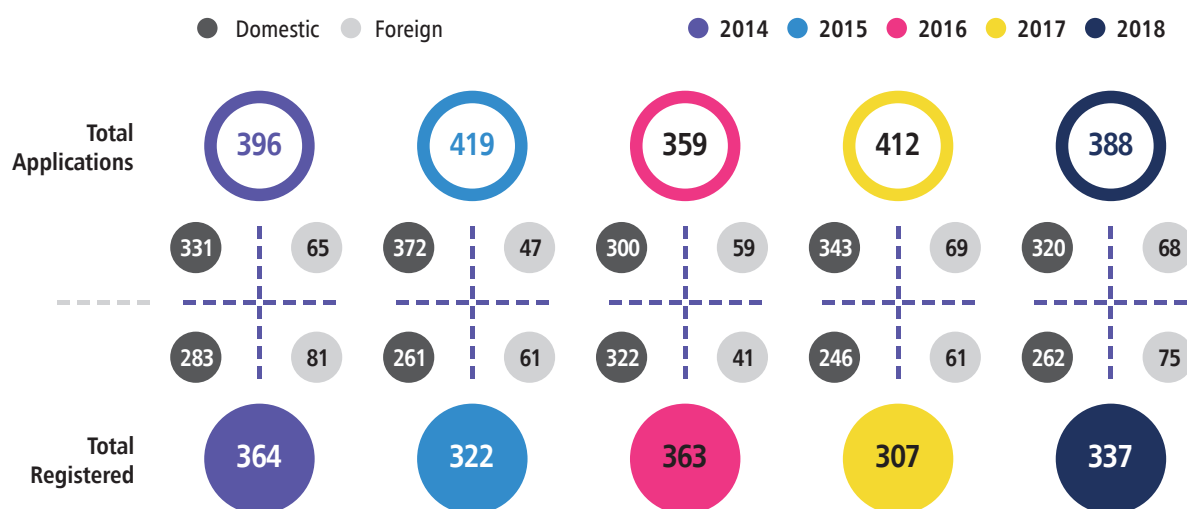
In **2018**, the Office received **388 new utility model applications**; it is **decrease** by **6 %** compared to 2017. In **2018**, domestic applicants filed **320 applications** and foreign applicants filed **68 applications**. Most utility models filed by foreign applicants were from the Czech Republic, Poland and Germany.



## Executive Activities of the IPO SR

Despite the fact that, compared to 2017, the number of applications and requests filed in 2018 showed some differences (e.g. increase in the number of patent applications filed and decrease in the number of utility model applications filed), the number of application with technical solutions as their subject matters filed in 2018 **can be considered stable**. Only **increase** in the number of **registered utility models** is considered statistically more significant **by above-mentioned 10 %**.

### Utility models



### Registered foreign utility models by the country of origin

2	60	2	1	3	1	1	3	262	2	total	337
											75
Austria (AT)	Czech Republic (CZ)	Germany (DE)	United Kingdom (GB)	Hungary (HU)	Italy (IT)	Latvia (LT)	Poland (PL)	Slovakia (SK)	Ukraine (UA)		Foreign total

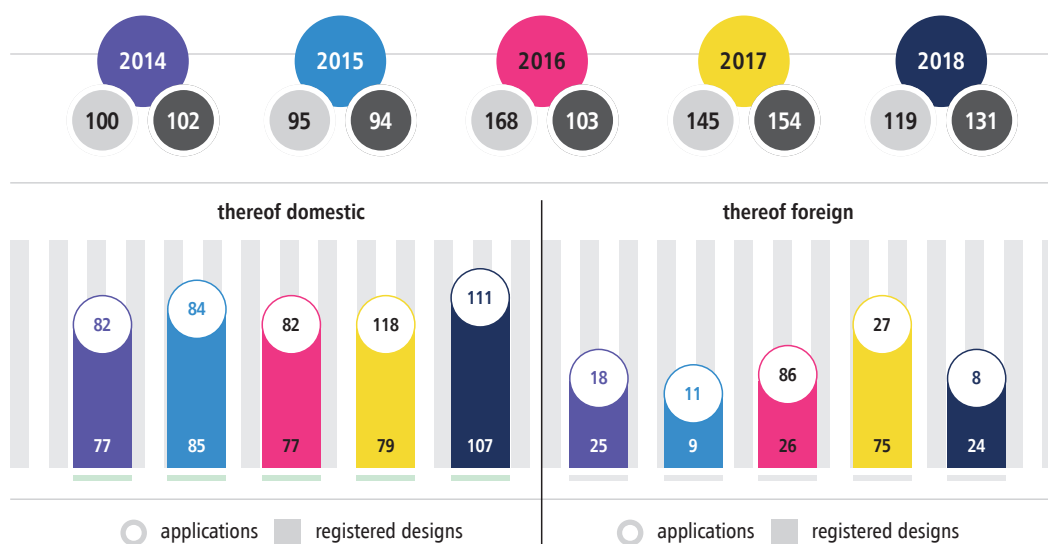


## DESIGNS

Full protection of new products includes the protection of their physical appearance (aesthetic aspect). Design protects the appearance of whole or a part of new products, their characteristic features, such as lines, contours, colours, shape, texture, or decoration. Design can be protected if it is new and has an individual character. Design is considered new if no identical design has been made available to public before filing a design application or before the priority date. The owner of a registered design is also protected against any persons, entities or individuals, wishing to infringe his legal rights.

By December 31, 2018, there were **915 valid designs** registered in the Slovak Republic. The number of filed **design applications** in 2018 decreased from 145 to 119. Domestic applicants filed 111 and foreign applicants 8 design applications. The number of **negative decisions** on registration was **10** in the mentioned year that represents approximately 7 % in proportion to 141 finished proceedings on design registration, i.e. it is almost same as in the previous period.

Industrial Designs: ● Applications ● Registered



### Registered designs by the country of origin

Czech Republic (CZ)		7	France (FR)		3	Slovakia (SK)		107
Germany (DE)		1	Italy (IT)		2	Sweden (SE)		11

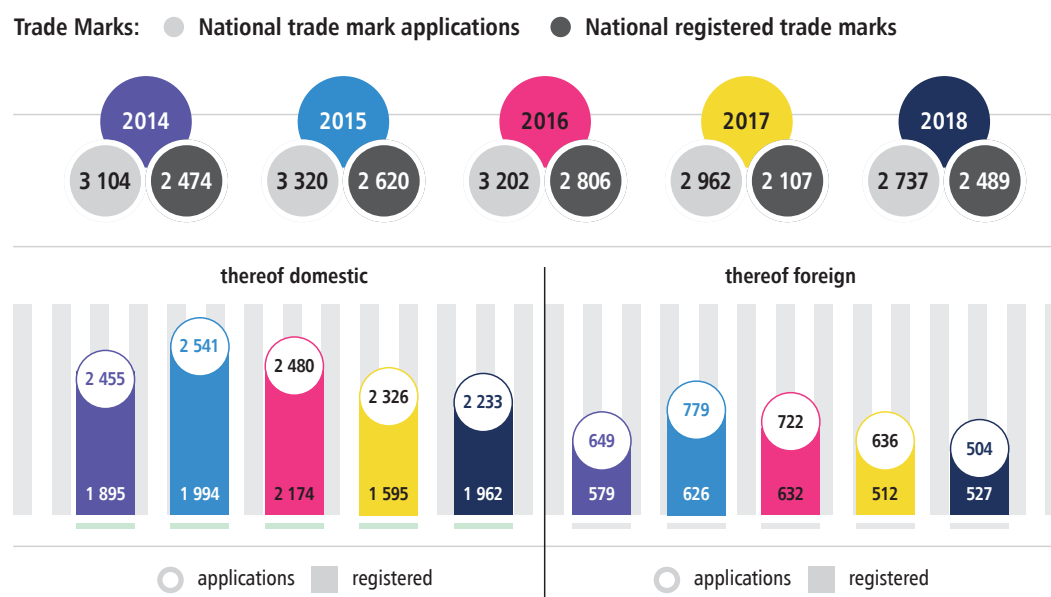
TOTAL: 131 thereof foreign: 24

### TRADE MARKS

Nowadays the trade marks are inevitable necessity to protect rights to use signs representing goods or services. Trade mark is a verbal, graphical, three-dimensional or combined sign capable to distinguish goods or services of one person from goods or services of other person. By the registration of a sign as a trade mark the proprietor acquires an exclusive right to use the trade mark for goods or services for which it was registered. In case of trade mark infringement, the proprietor of the trade mark shall be entitled to apply for the prohibition of infringement and to remedy the consequences of infringement, to claim an appropriate satisfaction, including pecuniary satisfaction.






























In 2018, the IPO SR received **2,737 national trade mark applications**; it is **7.6 %** less than in the previous year. The decreasing number of filed applications is affected, on a long-term basis, by both – the EU trade mark system and the Registered Community Designs (RCD), which is due to the nature of the RCD, since the substantive examination of the application is not being performed and the application is registered in a very short time, thereby the trade mark registration is circumvented. At the same time, this situation reflects the situation on the Slovak market for new products. Domestic applicants filed **2,233** and foreign applicants **504** applications. The most foreign applications were from the Czech Republic (282), from the United States of America (46) and from Cyprus (31). By December 31, 2018, there were **47,024 valid national trade marks** in the Slovak Republic.

The number of **internationally registered trade marks** with designation for the Slovak Republic in 2018 increased by **136** (in total 1,571); compared to the previous year it is an **increase by 9 %**. The number of applications for the trade mark international registration in 2018 forwarded to the WIPO was **83**; it is a **decrease by 23** applications compared to previous year. It can be noted that in the long-term view it is a normal tolerance. Another decline in the past year merely reflects the decreasing trend in the filing the national trade mark applications. The preliminary refusal of protection as well as granting the protection of the international trade mark was performed by the Office in the same way as in the previous year, i.e. within the period of 5 months.

































## Executive Activities of the IPO SR

### Registered trade marks by country of origin

Austria (AT)		4
Belgium (BE)		1
Canada (CA)		1
China (CN)		4
Cyprus (CY)		21
Czech Republic (CZ)		331
Germany (DE)		25
Spain (ES)		3
Finland (FI)		2
France (FR)		17
United Kingdom (GB)		6
Croatia (HR)		6
Hungary (HU)		1
Switzerland (CH)		17
Ireland (IR)		3
Italy (IT)		4
Japan (JP)		3
Republic of Korea (KR)		8
Luxembourg (LU)		1
The former Yugoslav Rep- ublic of Macedonia (MK)		3
Malta (MT)		3
Netherlands (NL)		9
Poland (PL)		17
Romania (RO)		3
Russia (RU)		2
Sweden (SE)		1
Slovakia (SK)		1 962
Turkey (TR)		3
United States of America (US)		21
Other		7
<b>Foreign total</b>		<b>527</b>
<b>TOTAL</b>		<b>2 489</b>

### International trade marks by country of origin

Austria (AT)		30
Australia (AU)		2
Bulgaria (BG)		40
Benelux (BX)		43
China (CN)		443
Czech Republic (CZ)		57
Germany (DE)		120
Denmark (DK)		1
Spain (ES)		7
Finland (FI)		1
France (FR)		78
United Kingdom (GB)		10
Greece (GR)		2
Croatia (HR)		9
Hungary (HU)		82
Switzerland (CH)		70
Ireland (IE)		2
Taliansko (IT)		42
Japan (JP)		2
Liechtenstein (LI)		1
Lithuania (LT)		1
Latvia (LV)		1
Poland (PL)		35
Portugal (PT)		2
Romania (RO)		8
Russia (RU)		163
Sweden (SE)		1
Slovenia (SI)		15
Turkey (TR)		71
Ukraine (UA)		59
United States of America (US)		45
Other		128
<b>TOTAL</b>		<b>1 571</b>





### DESIGNATIONS OF ORIGIN FOR PRODUCTS AND GEOGRAPHICAL INDICATIONS FOR PRODUCTS

System for protection of products that are unique because of their geographical origin, eventually due to skills of inhabitants of a region handed on for generations, guarantees to consumers the confidence that the product is not just an imitation of an original. Their effective global protection means preservation of cultural and social values.

**Designation of origin for a product is the name of a specific place, a region or, in exceptional cases, a country, used to describe an agricultural product originating in that specific place, region, or country, if the quality or characteristics of which are essentially or exclusively due to a particular geographical environment with its inherent natural and human factors, and the production, processing and preparation of which take place in the defined specific place, region, or country.**

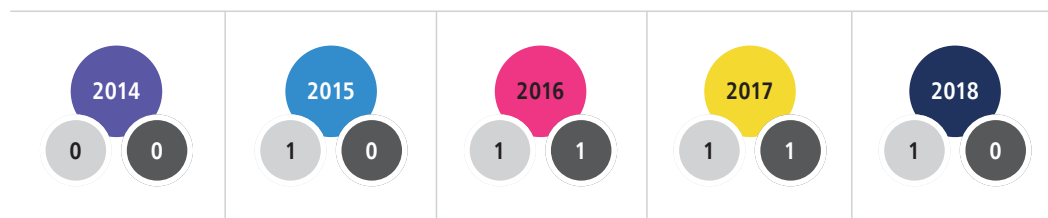
**Geographical indication for a product is the name of a specific place, a region or, in exceptional cases, a country, used to describe an agricultural product originating in that specific place, region, or country which possesses a specific quality, reputation or other characteristics attributable to that specific place, region, or country and the production, processing or preparation of which take place in the defined specific place, region, or country.**

In a case of designations of origin and geographical indications, the rights do not belong to an individual entrepreneur or one single entity (such as association, association of producers or processors association). These rights belong to all those in the defined geographical area where the product is manufactured or prepared in accordance with the conditions set out in the specification.

By December 31, 2018, there were **20** valid designations of origin in the Slovak Republic.

In the first half of 2018, the IPO SR received one application for entry of a geographical indication for a product into the national register – **Hrušovský lepník** (kind of pastry), which was transferred for entry into the EC register. A request for a change in the specification of the protected designation of origin Žitavská paprika was also sent to the European Commission. During 2018, the Office performed several pre-diagnostics for the purposes of potential protection of geographical indications for products and designations of origin (Čičmany, Muráň, Gápeľ, Pukanec, Agrokompex, Žilina, Skalica, Danubius Gastro).

**Designation of origin:** ● Applications ● Registered



# Dispute Proceedings

Dispute proceedings at the IPO SR, involving disputes based on the initiatives of third parties or entitled persons, shall prevent granting the protection for IP subject matters that do not meet legal requirements or remedy the illegal situation as has already occurred. Before the entry of a trade mark into the Register, any person shall be entitled to submit the observations. Oppositions to registration of a sign as a trade mark shall be filed by a person concerned within the period of three months from the publication of the application in the Official Journal. Requests for the revocation of a trade mark or for declaration of invalidity of a trade mark shall be filed after registration of a trade mark. In case of a registered utility model and a design a request for cancellation from the Register can be filed. Granted patent not meeting patentability requirements can be revoked upon the dispute proceedings.

In 2018, the number of new **opposition filings** was 118; in comparison with the previous year, it is an increase for more than 8 % but comparing to previous years it is relatively large decrease for more than 40 %.

The similar situation was with the agenda of **observations**, where the number of new filings was 31; it is comparable to last year but comparing to previous period it is a decrease for nearly 50 %.

It is difficult to fully objectively evaluate this situation, which may be partly related to the continued decline in the total number of trade mark applications filed, but this does not represent such large numbers. Other factors are rather theoretical and may include changes, e.g. in a strategy or tactic used by owners of older IP rights and copyright seek for protection. In case of **requests for invalidity and revocation of a trade mark** or an international trade mark, there were 49 requests filed, which is approximately 9 % more than in 2017.

As regards requests related to **technical subject matters of IP protection** (patents and utility models) only 7 filings were recorded; it is **decrease** for more than 70 %, since only 12 requests were filed in 2017. However, this is a recurring phenomenon from the past (8 requests were filed in 2016) and, in addition, as the overall number of cases is low, all fluctuations in the percentage will be highly negative, eventually positive.

The opposite situation was in 2018 in relation to **designs** where 6 **requests for cancellation** were filed; it is a significant increase in recent years, with only 1 request being filed last year and none in 2016.

As regards proceedings on **supplementary protection certificates**, the situation follows that of last year, since the number of requests was 5, the year before 6. The requests concerning the assessment of substantive conditions for supplementary protection certificates granting were filed in 1 case, the year before there were 2 cases; in the number of such filings it is a return to the situation before 2015. As it was predicted requests for the adjustment of the period of validity in accordance with the judgement of the ECJ C-471/14, which were filed at the Office particularly in 2016 and processed in 2016 and 2017, almost disappeared.



## Dispute proceedings

There were **130** decisions issued in relation to **oppositions to entry of a sign** that is a subject of the trade mark application into the Office's Register, or the refusal of protection in the territory of the Slovak Republic in case of international trade marks; in 2017 there were 136 decisions issued.

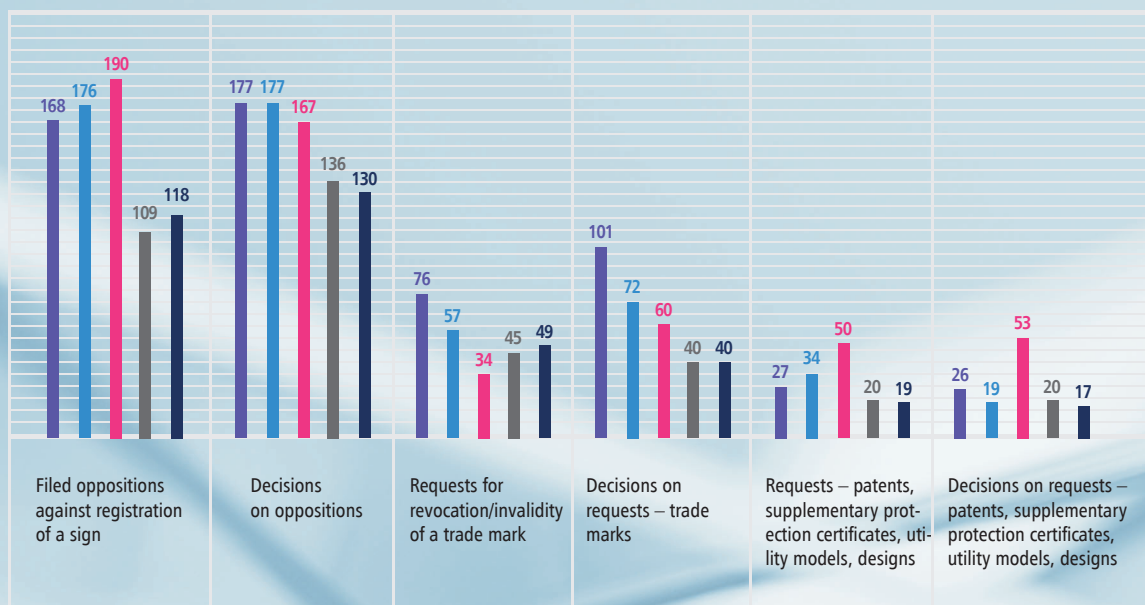
In proceedings on observations total number **38** cases were processed, i.e. the same number as in the previous year; in total **22** decisions on refusing the trade mark applications were issued and in **16** cases the observations were considered to be unfounded.

In case of requests for **invalidation and revocation of a trade mark** or an international trade mark the Office issued **40** decisions; it is the same number as in the previous year. In proceedings for **revocation of a patent, cancellation of a utility model and a design, determination proceedings and proceedings related to supplementary protection certificates**, **17** decisions were issued in 2018, which is, taking into account the above-mentioned supplementary protection certificate situation, a comparable number to 20 decisions issued in 2017.

Concerning the number of pending requests in 2018 at the Department, these figures are in line with the situation of the previous year, namely **281** requests were pending, the year before 282.

## Dispute proceedings

● 2014 ● 2015 ● 2016 ● 2017 ● 2018





# Appeal Proceedings

A party to the proceeding may appeal against the first instance decision not yet final by an ordinary remedy; in proceedings before the IPO SR it is an appeal. The institute to review the decision apart from the appeal and retrial are the extraordinary ways to review final decisions of the IPO SR. Review of a decision apart from appeal proceedings serves to review final decisions by second instance authority on its own initiative or another initiative. The appeal is the most used remedy in proceedings before the IPO SR.

In 2018, **112 remedies** against the first instance decisions of the IPO SR were filed; it is a slight increase by **10 %** comparing to 2017. Seven cases involved the application of extraordinary remedies. Other filings were appeals against first instance decisions of the IPO SR. The largest number of filings – as well as in previous years – related to **trade marks**. These amounted up to **78 %** of all filings in the Appeals Department in 2018. In 2018, the number of remedies against decisions relating to patents, utility models, supplementary protection certificates and designs was 25.

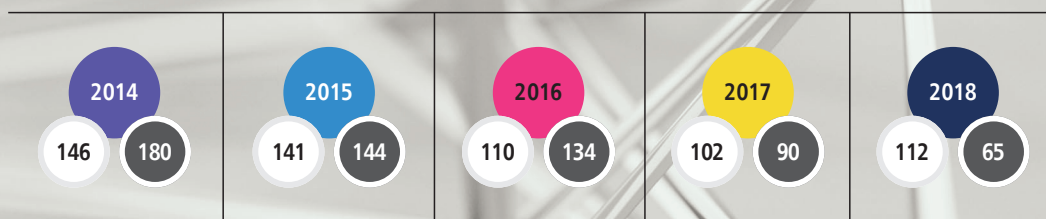
In 2018, the appeals department completed **65** proceedings on appeals; out of which 62 decisions were issued and 3 proceedings were completed informally. Decrease of the number of completed proceeding compared to the previous year was due to insufficient personnel in the department. Out of 65 completed proceedings 2 decisions were reviewed apart from the appeal proceedings; the rest were appeals against the first instance decision of the IPO SR. Slight increase of filed remedies and at the same time decrease of completed proceedings comparing to previous year caused that in the Department's agenda there were as of December 31, 2018 **189 pending proceedings**; it is **increase by 47 proceedings** comparing to 2017.



## Remedies

(appeals, decision review out of appeal proceedings, retrial)

● Initiated remedies ● Completed remedies



# Legislation

The year 2018 was in the Industrial Property Office of SR marked by the intensive legislative work. The need for changes in legislation, both laws and regulations, was justified by a number of factors, among which the transposition obligation of **Directive (EU) 2015/2436 of the European Parliament and of the Council on the Approximation of the Laws of the Member States on Trade Marks** played a crucial role. The need to amend the implementing rules in the area of patent law, utility models law and the designs law resulted from changes in the legal regulations in the given areas, which came into force on January 1, 2019.

Legislative work continued in 2018 and a legislative process to the **draft law amending and supplementing Act No. 506/2009 Coll. on Trade Marks, as Amended, and Amending Certain Laws**. The amendment to the Trade Marks Act was transposing in nature and the successful completion of the legislative process in 2018 in order for the changes to **take effect on January 14, 2019**, when the transposition deadline expired, was a priority in the area of legislation.

On October 17, 2018, **Act No. 291/2018 Coll. Amending and Supplementing Act No. 506/2009 Coll. on Trade Marks, as Amended, and Amending Certain Laws** was published in the Collection of Laws of SR. The amendment to the Trade Mark Act also required amendments to the implementing regulation – on November 28, 2018, **the Decree of the Industrial Property Office of the Slovak Republic No. 332/2018 Coll. Amending and Supplementing the Decree of the Industrial Property Office of the Slovak Republic No. 567/2009 Coll. implementing the Act No. 506/2009 Coll. Trade Marks** was published in the Collection of Laws of SR.

The amendment to the Trade Mark Act and its Implementing Decree brought substantial changes and amendments – above all, the abandonment of the condition of the graphic representation of the trade mark and thus the creation of a space for registration of non-traditional types of trade marks, as well as strengthening the rights of trade mark owners and deepening the principle of providing protection only the trade marks actually used in a relevant manner.

On October 8, 2018, **the Decree of the Industrial Property Office of the Slovak Republic No. 278/2018 Coll. Amending and Supplementing the Decree of the Industrial Property Office of the Slovak Republic No. 223/2002 Coll. implementing the Act No. 435/2001 Coll. on Patents, Supplementary Protection Certificates and on Amendments and Supplements to Certain Acts (Patent Act) and Decree of the Industrial Property Office of the Slovak Republic No. 279/2018 Coll. Amending and Supplementing the Decree of the Industrial Property Office of the Slovak Republic No. 1/2008 Coll. implementing the Act No. 517/2007 Coll. on Utility Models and on Amendments to Certain Acts**. These decrees, in their amended form, pay particular attention to the requirements, form and standards of the patent application, respectively utility model application.

It is not possible to omit amendments of the Decree of the Industrial Property Office of the Slovak Republic No. 629/2002 Coll., implementing the Act No. 444/2002 Coll. on Designs – Decree of the Industrial Property Office of the Slovak Republic No. 333/2018 Coll. Amending and Supplementing the Decree of the Industrial Property Office of the Slovak Republic No. 629/2002 Coll., implementing the Act No. 444/2002 Coll. on Designs, was published in the Collection of Laws of the Slovak Republic on November 28, 2018.

## COURT PROCEEDINGS

Eight legal actions to review the Office's decisions were submitted to the Regional Court in Banská Bystrica in 2018; seven of them related to trade marks and one related to a patent. Six legal actions initiated in 2018 were decided validly by the Regional Court in Banská Bystrica (in five cases the actions were dismissed and in one case the action was suspended due to withdrawal of the action). In two cases, cassation complaints were filed against these decisions of the Regional Court in Banská Bystrica.

In relation to pending cases from previous years, in 2018, the Regional Court in Banská Bystrica decided in seven cases; in all cases, the actions were dismissed; in five cases, the unsuccessful plaintiff filed a cassation complaint against the decision of the Regional Court in Banská Bystrica. As of December 31, 2018, there were three pending cases at the Regional Court in Banská Bystrica and eight cases at the Supreme Court of SR as the Cassation Court.

Actions to review the legality  
of the Office's decisions

8 Total

thereof

7 Trade  
marks

1 Patents



# International, Regional and Bilateral Cooperation



The IPO SR employees participated in administrative and expert bodies of international organisations to form and defend actively positions of Slovakia in the IP protection area. Besides that, the IPO SR Management represented Slovakia in the **European Patent Office (EPO)** Administrative Council, **European Union Intellectual Property Office (EUIPO)** Administrative Council and Budget Committee, in the General Assembly of the **World Intellectual Property Organization (WIPO)**, as well as in the Administrative Council of the **Visegrad Patent Institute**.

At the beginning of 2018, the Office began working with a new online project management environment for cooperation with **EUIPO** called "**ePlatform**". This platform integrates all existing contracts into one environment and is a tool for managing and updating all cooperative activities.

In the process of aligning procedures, the Office continued to engage in convergent projects, including ECP4 – **Distinctiveness of the 3D Trade Mark or Shared Services and Practices**. Furthermore, the ECP1 project – **Consolidation and Completion of Cooperation Fund Projects** – was implemented.

The International Relations Department has continuously acted as a coordinator for **EUIPO Academy's** training events. Selected projects of the European Observatory for Observation of Counterfeiting and Piracy (**Observatory**) are also included in the project portfolio for 2019.

The cooperation of the IPO SR with the **European Patent Office (EPO)** was based on the approved Bilateral Cooperation Plan (BCP).

The BCP projects focused mainly on patent information and raising the awareness on industrial property, on improving existing services and products, and on strengthening cooperation within the European Patent Network etc. The International Relations Department has been continuously coordinating the European Patent Academy's educational events.

The IPO SR's cooperation with the **World Intellectual Property Organization (WIPO)** was defined by an annual program. The details are subject to bilateral negotiations each year during the General Assembly of the WIPO Member States. With the support of the WIPO, in 2018 a short study stay of experts from the patent department of the IPO SR took place at the Nordic Patent Institute. In October, the Office organised in Bratislava a seminar **WIPO Services and Initiatives**, focused on the general public interested in the development of global services provided by this international organisation.

The Office continued its international cooperation projects initiated to implement intellectual property awareness initiatives (IPs) as well as education and training programs, ICT projects, data exchange, development tools for better access to information on IP and, last but not least, on the alignment of procedures concerning the means of examination and assessment of trade marks and designs by IP offices.

In addition to cooperation with international organisations, the Office has also developed regional and bilateral relations.

## International, Regional and Bilateral Cooperation

Since 2015, the **Visegrad Patent Institute (VPI)** has been the main project of regional cooperation. Last year, the International Relations Department provided organisational and logistical support for the preparation of the VPI Technical-Expert Group meeting, as well as the preparation of VPI Management Board meetings in Prague and Warsaw.

Also in 2018, cooperation with partner IP offices took place within the **V4 + Friends** group. In the meetings, representatives of the national offices of the participating countries (HU, CZ, PL, SK, HR, SI, RO, AT) paid attention mainly to the VPI's open questions and the coordination of EPO, EUIPO and WIPO negotiation procedures.

The achievements of the Office in the field of international relations include the signature of a **Memorandum of Understanding** between the Ministry of Economic Development and Trade of Ukraine and the Industrial Property Office of the Slovak Republic. The purpose of the Memorandum is to provide cooperation mechanisms to support the implementation of measures related to the IP legal protection based on mutual benefit, equality and respect for international treaties.

Recognising the need to strengthen regional cooperation, the Office began working on a Memorandum of Cooperation with the Industrial Property Office of the Republic of Slovenia over the past year.

The International Relations Department representative took part in the deliberations of the IP Working Groups in the **EU Council**, the Expert Group on IP Enforcement (SME subgroup) and the EUIPO **Observatory** meetings (awareness increasing and international cooperation).





# Services of the Office

The IPO SR established in 2006 the **Information Centre** to provide effectively information on IP subject matters protection, on filing applications and related fees. The service also includes the provision of publicly available information from the IPO SR registries. In 2018 the Information Centre dealt with **5,551** requests for information (thereof **4,059** by phone, **1,312** by e-mail, **171** in personal and **9** by post). 413 notices to the extension of utility model validity and 177 notices to extension of design validity were sent.

In the specialised public study room the Office provides public an access to **patent and non-patent literature**. The patent fund was updated with **1,245,530** patent documents in paper and electronic forms; **1,530** patent documents and title pages of Slovak patent documents were processed. An overview of the patent fund content is updated on a quarterly basis and available on the Office's website.

Likewise, a **reference library** is available for the professional public and contains **9,710** volumes of books. In the library's collection there are domestic and foreign periodical publications, some of which are used by the Office's organisational units, and part of them is also available to the public in the Office's study room. In 2018, there were **20** titles in the reference library, out of which **15** were domestic and **5** foreign. 44 new books were added to the fund, 25 of which were purchased and 19 were gifts.

The **deposit library of the WIPO** containing **300** publications is also included in the library fund and is available for library study for public and the Office employees. 11 new publications were processed and included in the fund in 2018.

The IPO SR carries **search services** – search on patent, search on design and the identity or interchangeability of signs – trade mark search, bibliographic searches. Searches are performed in national, but as well in the international databases. Where necessary, the monitoring – continuous monitoring of the state of the art in the designated areas and in selected countries or monitoring of designs and trade marks of competitors – can be performed. In 2018 there were performed **10** state of the art searches, **19** patent searches with commentary, **322** trade mark searches, **3** bibliographic searches and **3** design searches. For the EUIPO **754** EUTM searches were performed.

**IP rights pre-diagnostics** is based on direct contact with companies' management and representatives, knowing their potential and comparing to competitors. Based on this information the IPO SR representatives provide consulting and advisory services in IP to increase the awareness on protection of technical solutions, designs or trade marks. Recommendations and conclusions are not binding for businesses. The IP rights pre-diagnostics was performed by three Department employees. In 2018, **32 pre-diagnostics** were performed.

As in previous years, the IPO SR promoted the protection of traditional craft and food products by a geographical indication for a product, e.g. in Pukanec (Pukanec ceramics), in Čičmany (embroidery, traditional meal – chopped Čičmany gnocchi), Gápel pie in Valaská Belá and Muráň buns in Muráň village.





## Services of the Office

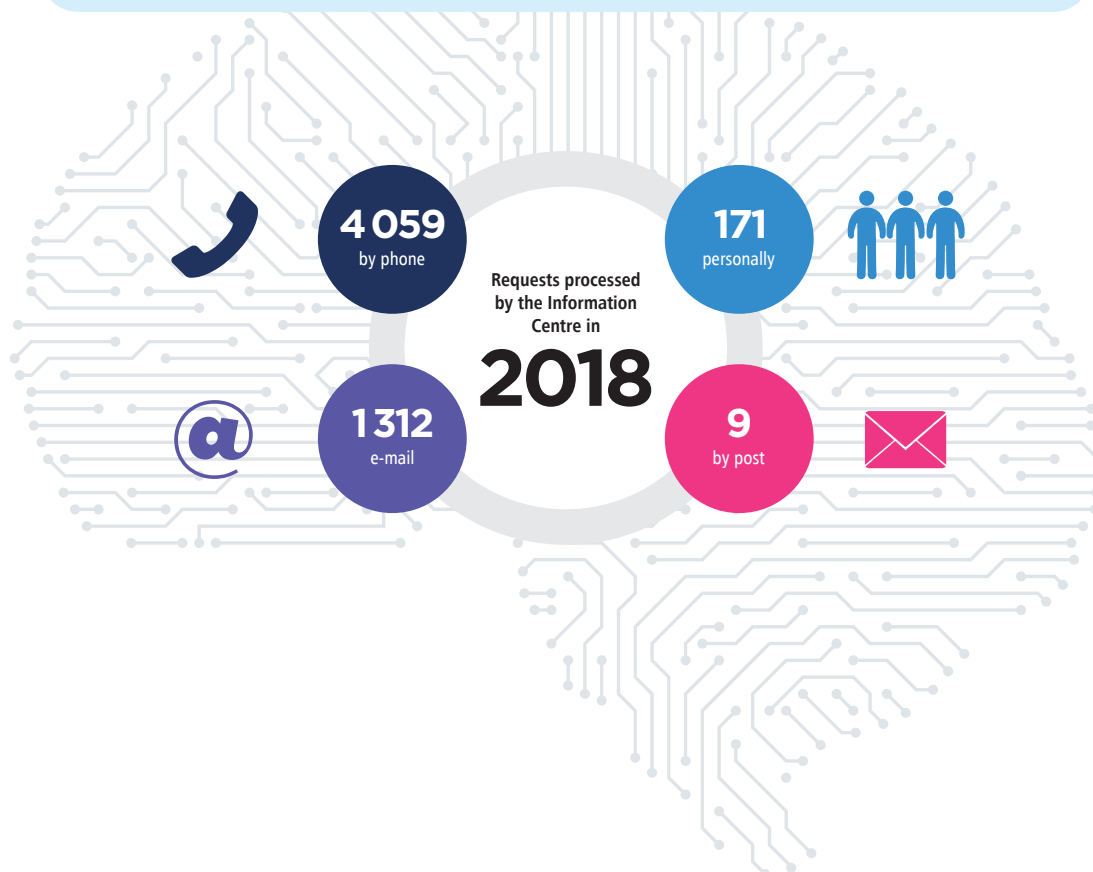
In cooperation with the Slovak Design Center, the Office promoted the importance of interesting design works protection. Consultations were provided to the winners of the individual categories of the National Design Award, namely SILBERMAN, spol. r. o., ski manufacturer, and authors who focused within the Crafting plastics! Studio on bioplastics research and their integration into everyday life products, in this case spectacles.

Naturally, the focus continued to be on innovative companies – Konštrukta Tire Tech, corp., Trenčín, Aweron, Ltd., Dubnica nad Váhom, Alumined Industries, Ltd., Sabinov, which appeared on the market with a new one-piece aluminum roof box, Hern, Ltd., Námestovo, Grizzly, Ltd., Šaľa, New Green Company, association.

In cooperation with partner organisations, in particular the Slovak Chamber of Commerce and Industry, the Office provided consultations to companies and entrepreneurs who took part in the Open Day with joint consultations. Among such small and medium-sized enterprises, there were e.g. slovVellness, Ltd., Košice, and TU Zvolen.

### WARNING – Do not pay misleading invoices!

Certain private companies have been offering to the IP holders their registrations, publishing or recording in various internet databases for a fee. The IPO SR warns the IP holders that these activities do not relate to the Office's proceedings and there is no obligation to pay any fee for these services to other entities than the IPO SR. Ignoring their services have absolutely no legal effect in regard to the protection of the IP rights.



# IP Popularisation

The IPO SR tries to provide the knowledge related to IP to general public in an easily accessible and understandable way by using **electronic media**, various **publications**, **promotional** and **educational** events. The network of partner **patent information centres** and **contact points** serves to raise public awareness on IP.

## IPO SR Website and Social Networks

The website of the Office [www.upv.sk](http://www.upv.sk) is a complex source of information for public. In addition, it has been becoming the effective means of communication. It allows the public to access quickly to information and databases related to IP. Both Slovak and English versions provide information about upcoming conferences, seminars and other events. In 2018, the number of visits of the IPO SR web portal was approximately **170,000**. The most users were from Slovakia (approximately 83 %), followed by the users from the Czech Republic (approximately 7 %), the USA (1.8 %) and surprisingly from South Korea up to 1.4 %. 21 % of users are regularly returning portal users. Databases and webregisters (12.2 %) are the most visited subpages of the portal. They are followed by trade marks (9.1 %), patents (3.6 %) and utility models (1.8 %). More than 50 % of visitors visit the pages directly through the link to a particular subpage – not via the main page of the portal first.

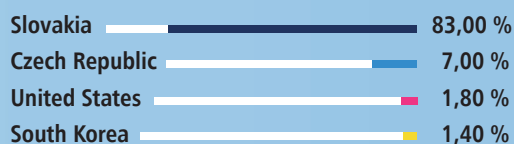
From 2017, the **new** and improved **IPO SR webregisters** have been made available to public and they are one of the most visited subpage of the Office's web domain. Databases contain selected data from IP subject matters registers kept by the Office and are updated online after the made changes.

Details of the records provide bibliographic data, data on the state of applications and legal status, full texts of published patent documents in PDF format, trade mark and designs representations, sequence items and full text searching in IP subject matters.

In order to raise public awareness of the importance of intellectual property and its protection, the IPO SR uses the page on **Facebook** social network called the **Industrial Property Office of the Slovak Republic – patentovat.sk**, which is updated daily.

The IPO SR cooperates with the Ministry of Culture of SR in keeping the portal [www.dusevnevlastnictvo.gov.sk](http://www.dusevnevlastnictvo.gov.sk). This information portal is a digital platform to give a basic overview, orientation and information resources across all IP subject matters. It contains information on copyright and rights related to copyright, IP rights, the law against unfair competition; it also includes information on the legal regulation of trade names, trade secrets and know-how.

Users of IPO SR website by countries



The most visited subpages of IPO SR website



## IP Popularisation

### Publications

The **IPO SR Gazette** is the most important publication related to IP protection issued regularly once a month. From the issue 1/2016 the Office made the official version available for free only on its website electronically. The older official versions of the Gazette issued in 1993 – 2007 were in the printed form, Gazette issued in 2008 – 2015 was on the CD-ROM in PDF format, and they are available in the study room of the Office.

Currently the **Magazine Duševné Vlastníctvo** is the only Slovak periodical focused on the issues of industrial rights and copyright. In 2018, the Office started to publish the Magazine also in printed form again, whilst the subscribers have the possibility to subscribe the Magazine also electronically. The magazine was issued four times at 150 copies per number. There were 47 subscribers of the Magazine in 2018 with 53 copies; 27 copies were sent electronically and 26 copies in printed form. In addition, 11 mandatory copies of each number were sent; five copies were sent to the patent information centers, six copies to the Office's contact and information points, and six copies to "innoinfo".

In 2018, the Chairman of the Slovak Chamber of Patent Attorneys JUDr. Ing. Vladimír Neuschl left the editorial board. During 2018, Mgr. Lucia Spišiaková, PhD became the new executive editor.

The electronic magazine **E-zine of the IPO SR** provides updated information and interesting facts on the IP from Slovakia and abroad. 12 issues were released in 2018. The Magazine was distributed to 140 external subscribers and to all internal IPO SR employees. **The Press Monitoring** was prepared for the employees 130 times.

### Promotional Events

The IPO SR tries to get closer to public via several popularisation activities. The most important events are those organised on the occasion of the World IP Day, Researchers' Night, various exhibitions in the IPO SR premises or educational program.

On the occasion of the World Intellectual Property Day, the Office has prepared several activities. On Tuesday, April 24, 2018, in cooperation with the Financial Directorate of SR and the civic association Scientific Toy, the Office prepared a lecture series with creative workshops for pupils and students. The main themes were creativity and counterfeiting. The accompanying program consisted of an exhibition of counterfeit goods secured by customs authorities and a creative workshop - making scientific toys (C.A. Scientific Toy). On Wednesday, April 25, 2018, the traditional Conference Intellectual Property in Slovakia XVIII, which focused on trade marks this year, followed. On Thursday, April 26, the Office's activities culminated in a seminar prepared by the Office in cooperation with the European Union Intellectual Property Office (EUIPO) – EUIPO Boards of Appeal.

On September 28, 2018, the Office joined the twelfth year of the Science Festival in Slovakia – **European Researchers' Night 2018**. The IPO SR employees participated in the project in Banská Bystrica and Košice, where they provided information on the IP protection to both laic and professional public. Quizzes about inventions and inventors were prepared for children.

For the first time the Office in cooperation with the Banská Bystrica Information Centre prepared for the public the **Town Wandering**, regularly organised by the Banská Bystrica Information Centre and this year it focused on the Industrial Property Office of SR and its activities. The actions had more than 60 participants.



## IP Popularisation

### Promotional Events (continued)

The IPO SR representatives participated at five the international fairs in Nitra and Bratislava (Furniture and Living, Danubius Gastro Exposhop Gastropack, CONECO, the International Engineering Fair and Agrokomplex in Nitra), where they promoted the Office's activities.

An Exhibition of works by Július Ciglan **Colours and Curves of Poľana** was made available in the premises of the Industrial Property Office of SR. The author emphasised the depiction of the colour of the extinct Poľana volcano in its various times and seasons. In April this Exposition was replaced by the Exhibition of paintings **ATELIÉR 3G – Art Inspirations**. In the end of the year, the premises of the Office were relieved by the presentation of **the hand-painted screens** by the author, Ing. arch. Ingrid Krajčovičová from graphic studio INAK Banská Bystrica.

Last year the Office repeatedly participated in the competition **National Design Prize 2018 - Communication Design**, organised by the Slovak Design Centre with the Ministry of Culture of SR. The IPO SR Vice-President Mgr. Bc. Miroslav Čellár attended the ceremonial announcement of the results.

### Education Activities

IPO SR provides the **Education Program Intellectual Property** accredited by the decision of the Ministry of Education of the SR of April 30, 2014 and the accreditation certificate No. 1308/2014/44/1. In the first half of 2018 the Program Intellectual Property continued with the Module D – Industrial Property Law. In May 2018, the final exams were held in Module D, which was successfully completed by **22** participants. Since September the Program continues by the Module A - Intellectual Property and Copyright Basics. Since the module lasts three months, it was completed by the exam on November 23, 2018. **21** participants successfully passed the exam. From December 2018 the program Intellectual Property continued with the Module B – Creativity – its Management, Marketing and Economics. The defence of the final works was held in the Office on October 10, 2018 at the Institute of Intellectual Property. **Eight participants** successfully defended their final work.

The Office also in 2018 continued in educational activities on IP protection importance for elementary and secondary schools pupils and also for academics and business community. **9** lectures were held for elementary schools, **15** for secondary schools and **6** for universities. Most of the lectures, particularly for elementary and secondary schools, included the Office excursion and Scientific Toy. **12** lectures were held for entrepreneurs. For educational activities aimed at small and medium-sized entrepreneurs the cooperation with their professional associations in particular regions was proved successful.

The IPO SR in cooperation with the Slovak Chamber of Patent Attorneys organised the **professional examination to perform patent attorney activities**. Last year, neither candidate for a patent attorney's examination was successful.



## IP Popularisation

### The IPO SR Partners

In 2018 the cooperation with the Patent Information Centres (**PATLIB**) and Information and Advisory Points for Innovations (**innoinfo**) continued based on the cooperation agreements.

The partnership consists in exchanging and providing information, information materials and organising events to extend and supplement expert knowledge on IP. In the Slovak Republic there are **PATLIB** Centres in the Slovak National Library in Martin, the Slovak Centre of Scientific and Technical Information in Bratislava, State Scientific Library in Košice, the State Scientific Library in Banská Bystrica and the Centre within the University of Žilina in the Technology Transfer Centre.

**Contact and Information Points of the Office (CIP)** inform the public about possibilities of protection of their creative activities results and make the public aware of the existence of the state institution providing protection for their intangible assets, intellectual property.

These points include the State Scientific Library in Prešov, Juraj Fándly's Library in Trnava, Michal Rešetka's Public Library in Trenčín, Karol Kmeťko's Regional Library in Nitra, Ľudovít Štúr's Regional Library in Zvolen and Regional Library in Žilina.

Representatives of Centres and Contact Points participated last year in the Conference organised by the Office on the occasion of the World IP Day on April 27, and **PATLIB** Centres representatives in the Slovak Centre of Scientific and Technical Information in Bratislava, the State Scientific Library in Banská Bystrica and the State Scientific Library in Košice representatives also participated in the Conference **PATLIB**. The Conference, which was organised by the European Patent Office in cooperation with the host Slovenian Intellectual Property Office in Ljubljana, was held in May 3 – 4.

The **PATLIB** Centres employees have got the possibility to participate in the educational program Intellectual Property free.

In 2018, two employees from the Technology Transfer Center at the University of Žilina and one employee from the Center for Scientific and Technical Information of the Slovak Republic in Bratislava completed the course.

All Patent Information Centres and the Office's Contact and Information Points have regularly received the Magazine *Duševné Vlastníctvo* and other Office's products. The mission of the **Information and Advisory Points for Innovation "innoinfo"**, operating directly in the regions of Slovakia, is to focus mainly on small and medium-sized entrepreneurs in the field of innovation and IP protection.

**Innoinfo** are placed at business incubators (**BIC** Bratislava, Ltd.), regional information and advisory centres – **RPIC** Komárno, Poprad, Prešov, Regional Development Agency Kysuce in Čadca, at regional chambers of the Slovak Chamber of Commerce and Industry and at technical universities – Technical University of Košice, Slovak University of Technology in Bratislava and University Science Park, University in Žilina. Currently five regional Chambers of Commerce and Industry (**SCCI**) – Bratislava, Trenčín, Banská Bystrica, Košice and Prešov – are the partners of the IPO SR within **innoinfo**.

The Office approached almost all partner organisations and preliminarily agreed another form of cooperation. On April 5, 2018, the training focused on performing search services was prepared for contact persons and attended by nine participants. In the second half of the year, an open day was organised in the Banská Bystrica and Košice Regional Chambers of the **SCCI**, where the Office provided to the members of regional chambers consultations on the appropriate IP protection for their latest solutions. Within the seminar, the Office provided a survey of the system of IP protection, especially the possibilities of protection of technical solutions to the PhD students of the Technical University Košice.





# Human Resources

The Industrial Property Office of the Slovak Republic (hereinafter referred to as the Office) is pursuant to the **Section 32 of the Act No. 575/2001 Coll. on the Organisation of the Activity of the Government and on the Organisation of the Central State Administration as Amended** a central state administration body operating in the field of industrial property.

The Office's activities are performed by two groups of employment relationships. Civil employment relationships are related to the performance of civil service by civil servants in the civil service and employment relationships of employees in the performance of work in the public interest related to the performance of dependent work in employment. Regarding statistic data, there were **134 Office employees** by December 31, 2018; 116 of them in the civil service; 18 in the public service. During the year, there were 9 new employees. 8 civil service employments or employments were terminated. During the year, 36 selection procedures were announced in connection with civil service positions including occupation of several newly created management positions. 25 selection procedures were successfully completed, including 10 external and 15 restricted internal selection procedures. One selection procedure realised in 2018 had been announced in 2017 already. Maternity and parental leaves as of December 31, 2018 were taken by four employees.

Also during 2018, the Office was represented in the international institute of the European Union. 2 employees performed their duties as national seconded experts at the European Union Intellectual Property Office (EUIPO) by December 31, 2018.

**Annual collective agreement provides employees additional benefits beyond the scope prescribed by the law and the collective agreements of a higher degree, such as:**

- Increase in severance grant beyond the scope of the law and the collective agreement of a higher degree;
- Leave beyond the scope of the law;
- Increased compensation income during a sick leave;
- Provision of meal vouchers during leave and obstacles to work;
- Contributions to supplementary pension insurance;
- Bonuses and gifts during 50-year and 60-year anniversaries;
- And social assistance.

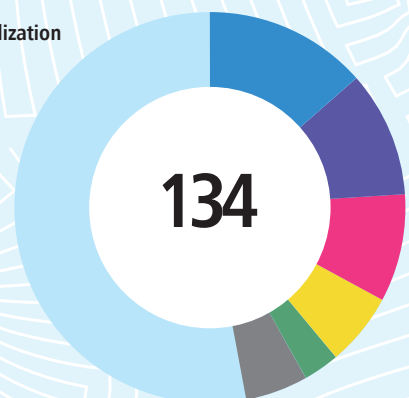
In order to create systemic conditions to improve work coordination and increase efficiency, a new organisational order, including a changed organisational structure, is in force at the Office from December 1, 2018. The Management of the Industrial Property Office of the Slovak Republic continually adopts the measures necessary to fulfill the Civil Service Human Resources Management Strategy for 2015-2020, which concurrently improve all the Office's activities and outputs not only at national but also at international level.

**The physical presence of employees of the Office by December 31, 2018 in terms of men and women**



**The number of employees of the Office by December 31, 2018 in terms of specialization**

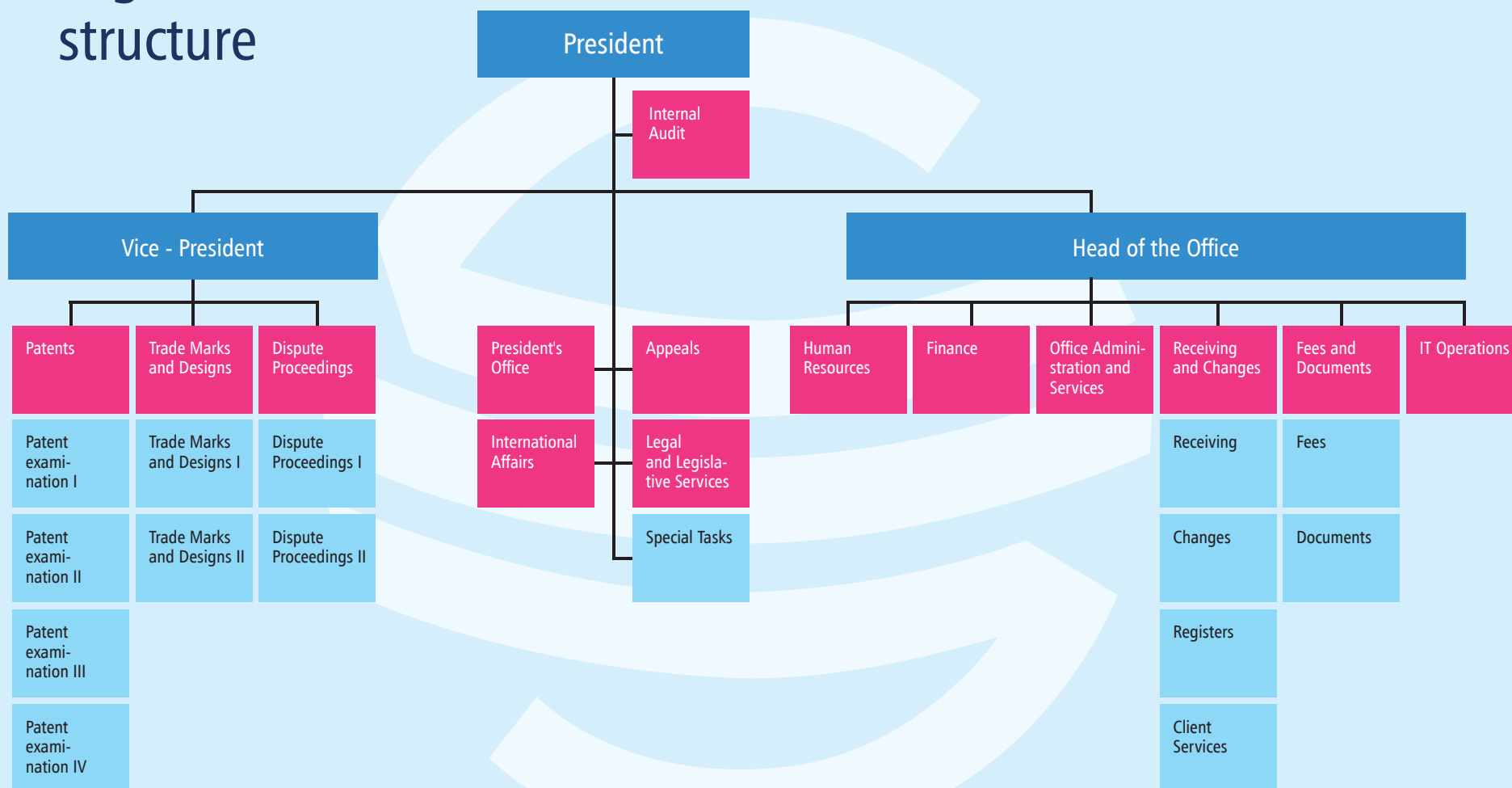
- 18 Patents, supplementary protection certificates, utility models
- 14 Designs, trade marks, designations of origin and geographical indications
- 12 Litigation
- 8 Appeal proceedings
- 4 Legislation
- 7 Office services, IP popularisation
- 71 Other activities





# Organisation structure

ANNUAL REPORT 2018



# Economy

The IPO SR is a state budgetary organisation. Revenues are achieved by its activities (non-tax revenues of the chapter including revenue from renewal fees), as well as from administrative fees.

In 2018 the IPO SR reached total non-tax revenues in the amount of **3,216,333.37 EUR**, while the majority of their fulfilment was from renewal fees – **2,554,741.97 EUR** – collected under the Act No. 495/2008 Coll. on Maintenance Fees for Patents, European Patents and their Effects for the Slovak Republic, Maintenance Fees for Supplementary Protection Certificates for Medicinal and Plant Protection Products, and the Amendment of Certain Laws.

Compared to the previous year, **total non-tax revenues** decreased by **36,298.77 EUR**. In the area of **administrative fees**, it was **decrease** by **139,294.34 EUR** to the total amount **1,058,259.79 EUR**

In 2018, the activities of the Office were funded from the state budget. Implementation of national and international projects was not funded from the European Union Budget in 2018.

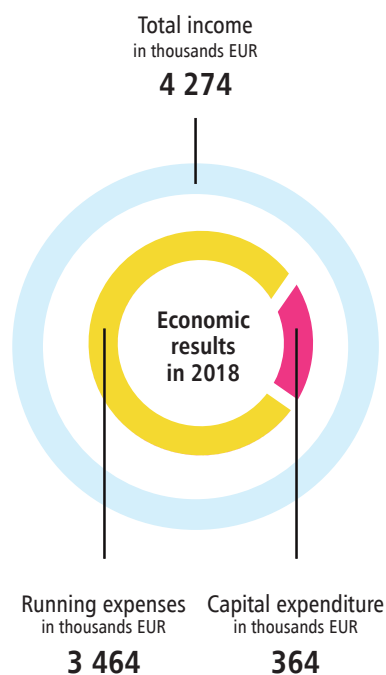
For 2018, the total expenditure was budgeted to **3,828,642.00 EUR** and drawn in the amount of **3,828,030.75 EUR**; out of which running expenses were in the amount of **3,463,889.96 EUR**, i.e. drawing to 99.98 %; and capital expenditures were in the amount of **364,140.79 EUR**, i.e. drawing to 100.00 %.



## Economic results in the year 2018

Index	in thousands EUR
Chapter income	3 216
Administrative fees	1 058
<b>Total income</b>	<b>4 274</b>

<b>Chapter expenditure in total</b>	<b>3 828</b>
<b>out of which running expenses</b>	<b>3 464</b>
• Wages, salaries, service income and OOV	1 887
• Insurance and employer's contributions	705
• Goods and services	729
• Current transfers	143
<b>Capital expenditure</b>	<b>364</b>





## ANNEXES

- 01 Patent applications by the country of origin
- 02 Patent applications 2018 according to the international patent classification
- 03 Patents by the country of origin
- 04 Granted patents 2018 according to the international patent classification
- 05 Filed and registred utility models by the country of origin
- 06 Filed and registred utility models 2018 according to the international patent classification
- 07 Filed and registred designs by the country of origin
- 08 Filed and registred trade marks by the country of origin
- 09 International trade marks by the country of origin



## PATENT APPLICATIONS BY THE COUNTRY OF ORIGIN

Country	National					PCT					Total					Code
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	
Austria	0	7	1	2	0	0	0	0	0	0	0	7	1	2	0	AT
Belgium	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	BE
Brasilia	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	BR
Cyprus	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	CY
Czech republic	9	6	4	11	8	2	3	2	1	2	11	9	6	12	10	CZ
Germany	1	0	1	0	1	0	1	0	0	0	1	1	1	0	1	DE
France	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	FR
United Kingdom	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	GB
Switzerland	0	1	3	0	0	0	0	1	1	0	0	1	4	1	0	CH
Italy	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	IT
Japan	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	JP
Republic of Korea	1	0	0	0	1	0	1	0	0	0	1	1	0	0	1	KR
Malta	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	MT
Poland	2	2	0	1	0	2	1	0	0	0	4	3	0	1	0	PL
Russia	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	RU
Slovakia	209	228	218	183	216	2	0	2	0	1	211	228	220	183	217	SK
Turkey	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	TR
Ukraine	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	UA
United States of America	0	0	0	0	0	2	2	0	5	0	2	2	0	5	0	US
Foreign total	16	18	11	16	12	7	10	4	7	2	23	28	15	23	14	
<b>TOTAL</b>	<b>225</b>	<b>246</b>	<b>229</b>	<b>199</b>	<b>228</b>	<b>9</b>	<b>10</b>	<b>6</b>	<b>7</b>	<b>3</b>	<b>234</b>	<b>256</b>	<b>235</b>	<b>206</b>	<b>231</b>	



## PATENT APPLICATIONS 2018 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION

Subject		Patent applications					
I.	Electrical engineering	Domestic	Foreign	PCT	Total	%	MPT
1	Electrical machinery and apparatus, electrical energy	17	0	0	17	7,36	F21; G05F; H01B,C,F,G,H,J,K,M, R,T; H02; H05B,C,F,K
2	Audio-visual technology	2	0	0	2	0,87	G09F,G; G11B; H03F,G,J; H04N-003,-005,-009,-013,-015, -017,-019,-021, R,S
3	Telecommunications	4	0	0	4	1,73	G08C; H01P,Q; H03B,C,D,H, K,L,M; H04B,H,J,K,L,M, N-001, -007,-011,Q, W
4	Information technology	11	2	0	13	5,63	G06; G11C; G10L; G16Z
5	Semiconductors	3	0	0	3	1,30	H01L, B81
II.	Instruments	Domestic	Foreign	PCT	Total	%	MPT
6	Optics	2	0	0	2	0,87	G02; G03B,C,D,F,G,H; H01S
7	Analysis, measurement, control technology	19	3	0	22	9,52	G01B,C,D,F,G,H,J,K,L,M,N,P,Q,R,S,V,W; G04; G05B,D; G07; G08B,G; G09B,C,D; G12
8	Medical technology	2	0	0	2	0,87	A61B,C,D,F,G,H,J,L,M,N
9	Nuclear engineering	3	0	0	3	1,30	G01T; G21; H05G,H
III.	Chemistry, pharmaceuticals	Domestic	Foreign	PCT	Total	%	MPT
10	Organic fine chemistry	2	0	0	2	0,87	C07C,D,F,H,J,K
11	Macromolecular chemistry, polymers	2	0	0	2	0,87	C08B,F,G,H,K,L; C09D,J
12	Pharmaceuticals, cosmetics	1	0	0	1	0,43	A61K, A61P, A61Q
13	Biotechnology	3	0	1	4	1,73	C07G; C12M,N,P,Q,R,S
14	Agriculture, food chemistry	0	0	0	0	0,00	A01H; A21D; A23B,C,D,F,G,J,K, L; C12C,F,G,H,J; C13D,F,J,K
15	Chemical and petrol industry, basic materials chemistry	0	0	0	0	0,00	A01N; C05; C07B; C08C; C09B,C,F, G,H,K; C10B,C,F, G,H,J,K,L,M,N; C11B,C,D
16	Surface technology, coating	1	1	0	2	0,87	B05C,D; B32; C23; C25; C30
17	Materials, metallurgy	5	0	0	5	2,16	C01; C03C; C04; C21; C22; B22, B82



# PATENT APPLICATIONS 2018 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION (continued)

Subject		Patent applications					
IV.	Process engineering, special equipment	Domestic	Foreign	PCT	Total	%	MPT
18	Chemical engineering	4	0	0	4	1,73	B01B,D (bez -046 to -053), F,J,L;B02C; B03; B04; B05B; B06; B07; B08; F25J; F26
19	Materials processing, textiles, paper	5	0	0	5	2,16	A41H; A43D; A46D; B28; B29; B31; C03B; C08J; C14; D01; D02; D03; D04B,C,G,H; D05; D06B,C,G,H,J,L,M,P,Q; D21
20	Handling, printing	25	0	0	25	10,82	B25J; B41; B65B,C,D,F,G,H; B66; B67; B33Y
21	Agricultural and food processing, machinery and apparatus	5	0	0	5	2,16	A01B,C,D,F,G,J,K,L,M; A21B,C; A22; A23N,P; B02B; C12L; C13C,G,H
22	Environmental technology	2	1	0	3	1,30	A62D; B01D-046 to -053; B09; C02; F01N; F23G,J
V.	Mechanical engineering, machinery	Domestic	Foreign	PCT	Total	%	MPT
23	Machine tools	12	0	0	12	5,19	B21; B23; B24; B26D,F; B27; B30
24	Engines, pumps, turbines	8	2	0	10	4,33	F01B,C,D,K,L,M,P; F02; F03; F04; F23R
25	Thermal processes and apparatus	6	0	0	6	2,60	F22; F23B,C,D,H,K,L,M,N,Q; F24; F25B,C; F27; F28
26	Mechanical elements	6	0	1	7	3,03	F15; F16; F17; G05G
27	Transport	22	2	0	24	10,39	B60; B61; B62; B63B,C,H,J; B64B,C,D,F
28	Space technology, weapons	3	0	1	4	1,73	B63G; B64G; C06; F41; F42
VI.	Consumption	Domestic	Foreign	PCT	Total	%	MPT
29	Consumer goods and equipment	19	1	0	20	8,66	A24; A41B,C,D,F,G; A42; A43B, C; A44; A45; A46B; A47; A62B,C; A63; A99Z; B25B,C,D,F,G,H; B26B; B42; B43; B44; B68; D04D; D06F,N; D07; F25D; G10B,C,D,F,G,H,K
30	Civil engineering, building, mining	22	0	0	22	9,52	E01;E02;E03;E04;E05;E06;E21
Total		216	12	3	231	100	



## PATENTS BY THE COUNTRY OF ORIGIN

Country	National					PCT					Total					Code
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	
Austria	0	0	1	0	0	0	1	0	0	0	0	1	1	0	0	AT
Belgium	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	BE
Bermuda	0	0	0	0	0	2	0	0	1	0	2	0	0	1	0	BM
China	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	CN
Czech republic	3	6	10	10	7	1	1	3	0	3	4	7	13	10	10	CZ
Germany	1	3	0	0	1	6	2	5	2	1	7	5	5	2	2	DE
France	0	0	0	0	0	1	1	2	1	0	1	1	2	1	0	FR
United Kingdom	0	0	0	1	0	0	0	2	0	0	0	0	2	1	0	GB
Hungary	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	HU
Switzerland	0	0	2	2	1	1	0	1	1	3	1	0	3	3	4	CH
Ireland	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	IE
Italy	0	0	0	0	0	1	2	1	0	0	1	2	1	0	0	IT
Japan	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	JP
Republic of Korea	1	1	0	0	0	0	1	0	0	0	1	2	0	0	0	KR
Luxembourg	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	LU
Mexico	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	MX
Netherlands	0	0	0	0	0	0	1	1	2	0	0	1	1	2	0	NL
Poland	0	1	3	0	0	0	0	1	0	1	0	1	4	0	1	PL
Russia	0	1	0	0	0	0	0	2	0	0	0	1	2	0	0	RU
Sweden	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	SE
Slovakia	58	54	81	59	86	0	0	0	0	0	58	54	81	59	86	SK
Taiwan	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	TW
Ukraine	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	UA
United States of America	0	0	0	0	1	14	3	2	0	4	14	3	2	0	5	US
Foreign total	7	14	16	13	10	29	14	25	10	13	36	28	41	23	23	
<b>TOTAL</b>	<b>65</b>	<b>68</b>	<b>97</b>	<b>72</b>	<b>96</b>	<b>29</b>	<b>14</b>	<b>25</b>	<b>10</b>	<b>13</b>	<b>94</b>	<b>82</b>	<b>122</b>	<b>82</b>	<b>109</b>	



## GRANTED PATENTS 2018 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION

Subject		Granted patents					
I.	Electrical engineering	Domestic	Foreign	PCT	Total	%	MPT
1	Electrical machinery and apparatus, electrical energy	5	1	0	6	5,50	F21; G05F; H01B,C,F,G,H,J,K,M, R,T; H02; H05B,C,F,K
2	Audio-visual technology	0	0	0	0	0,00	G09F,G; G11B; H03F,G,J; H04N-003,-005,-009,-013,-015, -017,-019,-021, R,S
3	Telecommunications	2	0	0	2	1,83	G08C; H01P,Q; H03B,C,D,H, K,L,M; H04B,H,J,K,L,M, N-001, -007,-011,Q, W
4	Information technology	5	0	0	5	4,59	G06; G11C; G10L; G16Z
5	Semiconductors	1	0	0	1	0,92	H01L, B81
II.	Instruments	Domestic	Foreign	PCT	Total	%	MPT
6	Optics	1	0	0	1	0,92	G02; G03B,C,D,F,G,H; H01S
7	Analysis, measurement, control technology	15	0	1	16	14,68	G01B,C,D,F,G,H,J,K,L,M,N,P,Q,R,S,V,W; G04; G05B,D; G07; G08B,G; G09B,C,D; G12
8	Medical technology	2	0	0	2	1,83	A61B,C,D,F,G,H,J,L,M,N
9	Nuclear engineering	1	0	0	1	0,92	G01T; G21; H05G,H
III.	Chemistry, pharmaceuticals	Domestic	Foreign	PCT	Total	%	MPT
10	Organic fine chemistry	0	1	1	2	1,83	C07C,D,F,H,J,K
11	Macromolecular chemistry, polymers	1	0	0	1	0,92	C08B,F,G,H,K,L; C09D,J
12	Pharmaceuticals, cosmetics	1	0	7	8	7,34	A61K, A61P, A61Q
13	Biotechnology	2	0	0	2	1,83	C07G; C12M,N,P,Q,R,S
14	Agriculture, food chemistry	0	0	0	0	0,00	A01H; A21D; A23B,C,D,F,G,J,K, L; C12C,F,G,H,J; C13D,F,J,K
15	Chemical and petrol industry, basic materials chemistry	0	0	0	1	0,92	A01N; C05; C07B; C08C; C09B,C,F, G,H,K; C10B,C,F, G,H,J,K,L,M,N; C11B,C,D
16	Surface technology, coating	0	0	0	0	0,00	B05C,D; B32; C23; C25; C30
17	Materials, metallurgy	4	0	1	5	4,59	C01; C03C; C04; C21; C22; B22, B82





## GRANTED PATENTS 2018 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION (continued)

IV.	Process engineering, special equipment	Domestic	Foreign	PCT	Total	%	MPT
18	Chemical engineering	3	0	0	3	2,75	B01B,D (bez -046 to -053), F,J,L;B02C; B03; B04; B05B; B06; B07; B08; F25J; F26
19	Materials processing, textiles, paper	1	0	1	2	1,83	A41H; A43D; A46D; B28; B29; B31; C03B; C08J; C14; D01; D02; D03; D04B,C,G,H; D05; D06B,C,G,H,J,L,M,P,Q; D21
20	Handling, printing	2	0	0	2	1,83	B25J; B41; B65B,C,D,F,G,H; B66; B67; B33Y
21	Agricultural and food processing, machinery and apparatus	4	0	0	4	3,67	A01B,C,D,F,G,J,K,L,M; A21B,C; A22; A23N,P; B02B; C12L; C13C,G,H
22	Environmental technology	0	1	0	1	0,92	A62D; B01D-046 to -053; B09; C02; F01N; F23G,J
V.	Mechanical engineering, machinery	Domestic	Foreign	PCT	Total	%	MPT
23	Machine tools	6	1	1	8	7,34	B21; B23; B24; B26D,F; B27; B30
24	Engines, pumps, turbines	4	1	0	5	4,59	F01B,C,D,K,L,M,P; F02; F03; F04; F23R
25	Thermal processes and apparatus	3	0	0	3	2,75	F22; F23B,C,D,H,K,L,M,N,Q; F24; F25B,C; F27; F28
26	Mechanical elements	6	0	0	6	5,50	F15; F16; F17; G05G
27	Transport	4	4	0	8	7,34	B60; B61; B62; B63B,C,H,J; B64B,C,D,F
28	Space technology, weapons	1	0	0	1	0,92	B63G; B64G; C06; F41; F42
VI.	Consumption	Domestic	Foreign	PCT	Total	%	MPT
29	Consumer goods and equipment	8	0	0	8	7,34	A24; A41B,C,D,F,G; A42; A43B, C; A44; A45; A46B; A47; A62B,C; A63; A99Z; B25B,C,D,F,G,H; B26B; B42; B43; B44; B68; D04D; D06F,N; D07; F25D; G10B,C,D,F,G,H,K
30	Civil engineering, building, mining	3	1	1	5	4,59	E01;E02;E03;E04;E05;E06;E21
<b>Total</b>		<b>86</b>	<b>10</b>	<b>13</b>	<b>109</b>	<b>100</b>	



## FILED AND REGISTERED UTILITY MODELS BY THE COUNTRY OF ORIGIN

Country	Applications					Registered					
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	Code
Austria	1	1	1	2	1	1	2	0	2	2	AT
Bulgaria	0	0	0	1	0	0	0	0	0	0	BG
Cyprus	1	0	0	0	0	0	0	1	0	0	CY
Czech Republic	55	36	50	55	53	71	54	36	46	60	CZ
Germany	2	0	0	1	3	1	2	0	1	2	DE
Spain	0	0	3	0	0	0	0	0	1	0	ES
United Kingdom	0	2	1	1	1	0	0	0	1	1	GB
Hungary	0	1	1	1	1	0	0	0	1	3	HU
Switzerland	0	0	0	0	1	2	0	0	0	0	CH
Israel	0	1	0	0	0	0	0	0	0	0	IL
Italy	1	0	1	0	2	1	0	0	0	1	IT
Republic of Korea	0	0	0	0	0	3	0	0	4	0	KR
Luxembourg	0	1	0	0	0	0	0	1	0	0	LU
Latvia	0	0	0	1	0	0	0	0	0	1	LV
Malta	0	0	1	0	0	0	0	0	0	0	MT
Poland	1	0	0	4	3	0	1	0	3	3	PL
Russia	1	5	0	0	1	1	1	3	2	0	RU
Seychely	0	0	0	0	1	0	0	0	0	0	SC
Sweden	0	1	0	0	0	0	0	0	0	0	SE
Slovakia	331	372	300	343	320	283	261	322	246	262	SK
Turkey	0	0	1	0	0	0	0	0	0	0	TR
Ukraine	1	0	0	2	1	0	1	0	0	2	UA
United States of America	2	0	0	0	0	1	0	0	0	0	US
Foreign total	65	47	59	69	68	81	61	41	61	75	
<b>TOTAL</b>	<b>396</b>	<b>419</b>	<b>359</b>	<b>412</b>	<b>388</b>	<b>364</b>	<b>322</b>	<b>363</b>	<b>307</b>	<b>337</b>	



## APPLICATIONS AND REGISTERED UTILITY MODELS 2018 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION

Subject		Applications/Registered				
I.	Electrical engineering	Domestic	Foreign	Total	%	MPT
1	Electrical machinery and apparatus, electrical energy	19/29	2/3	21/32	5,41/9,50	F21; G05F; H01B,C,F,G,H,J,K,M, R,T; H02; H05B,C,F,K
2	Audio-visual technology	2/4	2/2	4/6	1,03/1,78	G09F,G; G11B; H03F,G,J; H04N-003,-005,-009,-013,-015, -017,-019,-021, R,S
3	Telecommunications	2/2	0/0	2/2	0,52/0,59	G08C; H01P,Q; H03B,C,D,H, K,L,M; H04B,H,J,K,L,M, N-001, -007,-011,Q, W
4	Information technology	9/9	1/1	10/10	2,58/2,97	G06; G11C; G10L; G16Z
5	Semiconductors	2/0	0/0	2/0	0,52/0,00	H01L, B81
II.	Instruments	Domestic	Foreign	Total	%	MPT
6	Optics	3/0	1/0	4/0	1,03/0,00	G02; G03B,C,D,F,G,H; H01S
7	Analysis, measurement, control technology	36/17	2/3	38/20	9,79/5,93	G01B,C,D,F,G,H,J,K,L,M,N,P,Q,R,S,V,W; G04; G05B,D; G07; G08B,G; G09B,C,D; G12
8	Medical technology	6/12	3/3	9/15	2,32/4,45	A61B,C,D,F,G,H,J,L,M,N
9	Nuclear engineering	1/0	0/1	1/1	0,26/0,30	G01T; G21; H05G,H
III.	Chemistry, pharmaceuticals	Domestic	Foreign	Total	%	MPT
10	Organic fine chemistry	0/0	0/0	0/0	0,00/0,00	C07C,D,F,H,J,K
11	Macromolecular chemistry, polymers	3/0	2/0	5/0	1,29/0,00	C08B,F,G,H,K,L; C09D,J
12	Pharmaceuticals, cosmetics	3/2	1/1	4/3	1,03/0,89	A61K, A61P, A61Q
13	Biotechnology	4/1	0/0	4/1	1,03/0,30	C07G; C12M,N,P,Q,R,S
14	Agriculture, food chemistry	5/4	3/5	8/9	2,06/2,67	A01H; A21D; A23B,C,D,F,G,J,K, L; C12C,F,G,H,J; C13D,F,J,K
15	Chemical and petrol industry, basic materials chemistry	5/0	1/2	6/2	1,55/0,59	A01N; C05; C07B; C08C; C09B,C,F, G,H,K; C10B,C,F, G,H,J,K,L,M,N; C11B,C,D
16	Surface technology, coating	3/1	0/0	3/1	0,77/0,30	B05C,D; B32; C23; C25; C30
17	Materials, metallurgy	4/2	2/0	6/2	1,55/0,59	C01; C03C; C04; C21; C22; B22, B82



# APPLICATIONS AND REGISTERED UTILITY MODELS 2018 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION (continued)

Subject		Applications/Registered				
IV.	Process engineering, special equipment	Domestic	Foreign	Total	%	MPT
18	Chemical engineering	7/9	2/2	9/11	2,32/3,26	B01B,D (bez -046 to -053), F,J,L;B02C; B03; B04; B05B; B06; B07; B08; F25J; F26
19	Materials processing, textiles, paper	8/3	1/1	9/4	2,32/1,19	A41H; A43D; A46D; B28; B29; B31; C03B; C08J; C14; D01; D02; D03; D04B,C,G,H; D05; D06B,C,G,H,J,L,M,P,Q; D21
20	Handling, printing	24/17	6/8	30/25	7,73/7,42	B25J; B41; B65B,C,D,F,G,H; B66; B67; B33Y
21	Agricultural and food processing, machinery and apparatus	5/3	3/2	8/5	2,06/1,48	A01B,C,D,F,G,J,K,L,M; A21B,C; A22; A23N,P; B02B; C12L; C13C,G,H
22	Environmental technology	7/5	1/1	8/6	2,06/1,78	A62D; B01D-046 to -053; B09; C02; F01N; F23G,J
V.	Mechanical engineering, machinery	Domestic	Foreign	Total	%	MPT
23	Machine tools	18/13	1/3	19/16	4,90/4,75	B21; B23; B24; B26D,F; B27; B30
24	Engines, pumps, turbines	12/8	2/0	14/8	3,61/2,37	F01B,C,D,K,L,M,P; F02; F03; F04; F23R
25	Thermal processes and apparatus	19/15	2/1	21/16	5,41/4,75	F22; F23B,C,D,H,K,L,M,N,Q; F24; F25B,C; F27; F28
26	Mechanical elements	13/23	3/2	16/25	4,12/7,42	F15; F16; F17; G05G
27	Transport	37/36	3/6	40/42	10,31/12,46	B60; B61; B62; B63B,C,H,J; B64B,C,D,F
28	Space technology, weapons	6/5	0/0	6/5	1,55/1,48	B63G; B64G; C06; F41; F42
VI.	Consumption	Domestic	Foreign	Total	%	MPT
29	Consumer goods and equipment	30/26	8/10	38/36	9,79/10,68	A24; A41B,C,D,F,G; A42; A43B, C; A44; A45; A46B; A47; A62B,C; A63; A99Z; B25B,C,D,F,G,H; B26B; B42; B43; B44; B68; D04D; D06F,N; D07; F25D; G10B,C,D,F,G,H,K
30	Civil engineering, building, mining	27/16	16/18	43/34	11,08/10,09	E01;E02;E03;E04;E05;E06;E21
<b>Total</b>		<b>320/262</b>	<b>68/75</b>	<b>388/337</b>	<b>100/100</b>	



## FILED AND REGISTERED DESIGNS BY THE COUNTRY OF ORIGIN

Country	Applications					Registered					Code
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	
Czech republic	11	5	5	8	2	15	5	4	6	7	CZ
Germany	0	0	5	1	1	0	0	0	5	1	DE
France	0	3	5	1	3	0	3	0	6	3	FR
Switzerland	0	1	0	0	0	0	0	1	0	0	CH
Italy	0	0	0	0	2	0	0	0	0	2	IT
Netherlands	0	0	0	1	0	0	0	0	1	0	NL
Sweden	6	2	71	15	0	10	0	21	56	11	SE
Slovakia	82	84	82	118	111	77	85	77	79	107	SK
Turkey	0	0	0	1	0	0	0	0	1	0	TR
Ukraine	1	0	0	0	0	0	1	0	0	0	UA
Foreign total	18	11	86	27	8	25	9	26	75	24	
<b>TOTAL</b>	<b>100</b>	<b>95</b>	<b>168</b>	<b>145</b>	<b>119</b>	<b>102</b>	<b>94</b>	<b>103</b>	<b>154</b>	<b>131</b>	



## FILED AND REGISTERED TRADE MARKS BY THE COUNTRY OF ORIGIN

Country	Applications					Registered					Code
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	
Austria	4	5	10	9	3	6	4	1	7	4	AT
Belgium	1	3	2	0	2	0	2	2	0	1	BE
Brasília	3	2	0	0	0	4	2	0	0	0	BR
Canada	3	1	0	4	6	3	3	1	0	1	CA
China	10	12	11	3	5	12	5	13	5	4	CN
Cyprus	4	4	37	5	31	15	4	7	26	21	CY
Czech Republic	356	509	338	390	282	281	385	358	279	331	CZ
Germany	40	29	41	39	17	39	37	31	29	25	DE
Denmark	2	3	3	0	3	1	3	3	1	0	DK
Spain	0	1	2	3	2	0	0	0	2	3	ES
Finland	0	1	3	0	1	2	0	2	0	2	FI
France	21	12	18	19	13	23	14	15	11	17	FR
United Kingdom	21	16	16	11	11	23	11	12	8	6	GB
Croatia	5	2	14	6	3	4	0	7	8	6	HR
Hungary	8	7	5	1	0	9	8	6	2	1	HU
Switzerland	39	38	34	21	12	39	34	29	26	17	CH
Ireland	0	1	0	3	0	5	1	0	0	3	IE
Italy	4	1	7	6	3	1	1	4	1	4	IT
Japan	1	3	2	3	3	5	0	4	1	3	JP
Republic of Korea	11	8	55	8	4	9	17	4	25	8	KR
Luxembourg	4	4	5	10	8	2	3	3	2	1	LU
The former Yugoslav Republic of Macedonia	0	0	0	0	2	0	0	0	0	3	MK
Malta	9	0	0	3	1	6	2	0	0	3	MT
Netherlands	27	16	17	12	8	24	19	20	9	9	NL





# FILED AND REGISTERED TRADE MARKS BY THE COUNTRY OF ORIGIN (continued)

Country	Applications					Registered					Code
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	
Romania	0	0	0	7	2	0	0	0	4	3	RO
Russia	2	1	1	1	2	0	3	1	0	2	RU
Sweden	0	1	1	1	1	0	0	1	1	1	SE
Slovakia	2455	2541	2480	2327	2233	1895	1994	2174	1595	1962	SK
Turkey	1	3	3	7	0	1	0	6	4	3	TR
Ukraine	0	0	0	2	2	0	0	0	4	0	UA
United States of America	45	41	47	31	46	43	45	35	39	21	US
Other	23	16	36	13	13	14	19	26	17	7	
Foreign total	649	779	722	635	504	579	626	632	512	527	
<b>TOTAL</b>	<b>3 104</b>	<b>3 320</b>	<b>3 202</b>	<b>2 962</b>	<b>2 737</b>	<b>2 474</b>	<b>2 620</b>	<b>2 806</b>	<b>2 107</b>	<b>2 489</b>	



## INTERNATIONAL TRADE MARKS BY THE COUNTRY OF ORIGIN

Country						
	2014	2015	2016	2017	2018	Code
Austria	65	52	61	70	30	AT
Australia	2	3	2	3	2	AU
Bulgaria	13	14	15	51	40	BG
Benelux	49	39	31	32	43	BX
China	136	111	128	226	443	CN
Czech Republic	111	88	71	112	57	CZ
Germany	155	141	125	169	120	DE
Denmark	2	3	0	2	1	DK
Spain	10	17	13	11	7	ES
Finland	2	3	1	0	1	FI
France	118	121	74	67	78	FR
United Kingdom	20	32	13	19	10	GB
Greece	1	2	1	2	2	GR
Croatia	12	16	10	14	9	HR
Hungary	131	155	49	25	82	HU
Switzerland	86	72	54	73	70	CH
Ireland	0	1	2	1	2	IE
Italy	48	53	31	33	42	IT
Japan	16	13	4	12	2	JP
Liechtenstein	8	5	10	6	1	LI
Lithuania	0	4	0	3	1	LT
Latvia	3	6	1	8	1	LV
Norway	4	4	2	4	0	NO

	2014	2015	2016	2017	2018	Code
Poland	47	48	43	47	35	PL
Portugal	3	10	5	9	2	PT
Romania	6	7	5	5	8	RO
Russia	162	110	63	127	163	RU
Sweden	4	2	0	2	1	SE
Slovenia	20	25	19	39	15	SI
Turkey	79	107	66	82	71	TR
Ukraine	53	73	48	56	59	UA
United States of America	42	112	51	48	45	US
Other	175	95	147	57	128	
<b>TOTAL</b>	<b>1 583</b>	<b>1 544</b>	<b>1 145</b>	<b>1 415</b>	<b>1 571</b>	



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## Industrial Property Office of the Slovak Republic

Švermova 43  
974 04 Banská Bystrica  
Slovak Republic

Tel.: +421-48-43 00 131  
E-mail: [infocentrum@indprop.gov.sk](mailto:infocentrum@indprop.gov.sk)  
[www.upv.sk](http://www.upv.sk)

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