



INDUSTRIAL PROPERTY OFFICE  
OF THE SLOVAK REPUBLIC



ANNUAL REPORT  
2019



THE UNIQUE  
DESERVES  
PROTECTION

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## FOREWORD



Ladies and Gentlemen,

I am honoured to have the privilege to bring you the activities of the Industrial Property Office of the Slovak Republic in 2019 on the following pages closer. It was a successful year during which we continued in fulfilling our strategic goals towards creation of the modern paperless Office. With humility and commitment, our employees represented the institution, prerogative of which is to

protect results of innovation, creativity and originality for future scientific development or for generations to come. Maintaining and strengthening a credible, predictable and high-quality system of the protection of intellectual property rights remain our priority.

The year 2018 was difficult from a legislative and legal point of view, so some slowdown in 2019 was more than welcome. The Office, however, proceeded to amend the Decree implementing the Trade Marks Act. It should not be forgotten that it was at the initiative of the representatives of the Slovak professional public to add English as the alternative to French, yet the sole official language of the international application for registration of an international trade mark in the international trade mark register of the International Bureau of the World Intellectual Property Organization. Allowing the use of English brings Slovak users many benefits.

At the end of the year, the European Union acceded to the Geneva Act of the Lisbon Agreement on Designations of Origin and Geographical Indications, thus fulfilling the condition of the number of contracting parties for the entry into force of the contractual instrument. The Geneva Act revised the Lisbon Agreement, extended its scope to geographical indications, and gave access to intergovernmental organisations. Based on the access, several legislative changes will also follow in the coming period.

I evaluate last year positively in relation to strengthening international cooperation. In September, Christian Archambeau, the Executive Director of the European Union Intellectual Property Office (EUIPO), visited Slovakia and opened an International Conference on Intellectual Property and its Impact on the State Economy. The Office actively participated in the preparation of the EUIPO Strategic Plan 2025 with the common goal to create a mutually interconnected, effective and reliable intellectual property protection system.

Cooperation with the European Patent Office (EPO) was also in the spirit of the preparation of the new Strategic Plan 2023. We are extremely proud that Slovakia is a relevant partner for negotiations on the future direction of activities and our needs and ideas are directly articulated internationally.

By joining our forces with the World Intellectual Property Organization (WIPO) and the State Pedagogical Institute, we brought last year to Banská Bystrica the format of a two-day conference full of theory and practice of teaching intellectual property in at schools.

The Office continued to strengthen regional and bilateral relations. Under the V4 Presidency, the meeting of the partner industrial property offices presidents was organised in Modra, during which the questions on the Visegrad Patent Institute and on common approaches towards international organisations were discussed primarily.

At the Office, we strive to improve continually the quality of the provided services, the credibility and efficiency of administrative activities. These steps are reflected in systematic improvement of processes towards employees, but also to the public. The Office has implemented and maintained the quality management system in accordance with the requirements of ISO 9001 : 2016 and since early 2019 it has been involved in the Project Implementation and Promotion of Quality Management in Public Administration Organisations (CAF), which aims to contribute to increase the efficiency and quality of management of organisation 's activities.

We are equally responsible for the environment. In the first half of the year, the reconstruction of the Office building began in order to reduce its energy intensity. Our common goal is to create a paperless Office and we have been approaching it gradually. Electronisation of activities together with the introduction of new trends in eGovernment remain one of our strategic goals.

The Industrial Property Office fulfils a unique mission in protecting results of innovation, creativity and originality making an individual or business more competitive and successful. After all, the good needs to be protected!



JUDr. Richard Messinger  
IPO SR President

# EVENTS CALENDAR 2019

## 1. 1.

### **Amendments to the Implementing Rules in the Field of Industrial Property Law Effective from January 1, 2019**

On January 1, 2019, 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 to Certain Acts (Patent Act) and the Decree 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 laws entered into force. The decrees were published in the Collection of Laws of the Slovak Republic on October 8, 2018.

On January 1, 2019, also the 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 entered into force. The Decree was published in the Collection of Laws of the Slovak Republic on November 28, 2018.

## 1. 1.

### **Introduction and Promotion of Quality Management in Public Administration Organisations**

In January 2019, the IPO SR participated in the Project Implementation and Promotion of Quality Management in Public Administration Organisations under the title Implementation of the CAF Model at the IPO SR. The IPO SR appointed a working group, its CAF team, consisting of 15 members (the IPO SR employees from various departments of the Office), methodologist, administrative staff and external project consultant.

## 1. 1.

### **Indication of the Person's Identifier in Filings**

Since January 2019, the filings delivered to the Industrial Property Office of the Slovak Republic contain the identifier of the person of the party to the proceedings and the identifier of the person of the representative pursuant to a special regulation of the Act No. 305/2013 Coll. on the Electronic Form of Performance of Public Authorities and on Amendments to Certain Laws (the e-Government Act).

## 14. 1.

### **The Amendment of the Trade Marks Act**

On January 14, 2019, the Act No. 291/2018 amending and supplementing the Act No. 506/2009 Coll. on Trade Marks, as amended, and amending and supplementing certain laws entered into force. This amendment to the Act was published in the Collection of Laws on October 17, 2018.

On January 14, 2019, also 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. on Trade Marks entered into force. The Decree was published in the Collection of Laws of the Slovak Republic on October 28, 2018.

## 1. 3.

### **Intellectual Property in Support of Economy of Slovakia**

The Association of Slovak Scientific and Technological Societies in cooperation with the Industrial Property Office of SR and Slovak Centre of Scientific and Technical Information organised the Conference Forum of Engineers and Technicians of Slovakia 2019. Intellectual property in support of economy of Slovakia was the topic of the event. The Industrial Property Office was represented by Lucia Bocková providing information on intellectual property protection focusing on industrial rights, their different types, conditions for obtaining them, validity or owners' rights, as well as fees related to industrial property rights protection.



## 1. 4.

### **Amendments to Rules Relating the Fees to the European Patent Convention**

By the Notification of the Ministry of Foreign and European Affairs of the Slovak Republic No. 12/2020 Coll. On January 24, 2020, the amendments to the Rules Relating the Fees of 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 12, 2018 by decision of the Administrative Council of the European Patent Organisation and entered into force on April 1, 2019.

## 3. 4.

### **Use and Management of IP in Terms of SMEs**

Representatives of small and medium-sized enterprises discussed with domestic and foreign experts how to effectively protect and use their intangible assets (intellectual property)

at a workshop at TECHNICOM on April 3, 2019. The workshop was organised by the Industrial Property Office of the Slovak Republic in cooperation with the University Science Park Technicom in Košice and the World Intellectual Property Organization. In addition to partners from France and Switzerland, the experience was shared by representatives of SPINEA Company and Bukóza Holding Group. In addition to issues of strategic planning and enforcement of intellectual property rights, current issues such as artificial intelligence, the Internet of things and blockchain from the intellectual property perspective resonated in the discussion.

### 23. 4. – 3. 5.

#### **Internship at the IPO SR**

At the turn of April and May, the Industrial Property Office of the Slovak Republic carried out an internship programme resulting from the Cooperation Agreement with Matej Bel University in Banská Bystrica. The two-week programme was attended by students of the Faculty of Law of UMB (4) and students of the Faculty of Political Sciences and International Relations of UMB (4). The students reflected the internship programme very positively and therefore the Office aims to carry out a similar project every year, thus bringing its activities closer to students. Indeed, there may be the next generation of intellectual property experts between them.



### 26. 4.

#### **World IP Day – Intellectual Property and Sport**

Every year on April 26 we celebrate the World IP Day to remind the importance of IP rights (patents, trade marks, designs and copyrights) to support innovations and creativity. Last year's campaign Reach for Gold focused on sports world. It explored how innovation, creativity and the intellectual property rights protect and support the development and worldwide enjoyment of sports. On this occasion the Industrial Property Office of SR in Banská Bystrica organised 19th year of the Conference Intellectual Property in Slovakia. The Conference featured topics on copyright in sport, intellectual property rights infringements in the organisation of events, the winners of the National Design Award 2018 and innovative patent video technology were introduced.



### 30. 4.

#### **Intellectual Property Institute is Being Re-Accredited**

The Ministry of Education, Science, Research and Sport of the Slovak Republic, Department of Lifelong Learning as the Competent Authority, pursuant to the provisions of Article 9(2) of Act No. 568/2009 Coll. on Lifelong Learning, as amended, after examining the application for the issue of a certificate of accreditation of the continuing education programme, issued to the Industrial Property Office of the SR the certificate of accreditation of the continuing education programme - Intellectual Property in 4 Modules - Intellectual Property and Copyright Basics; Creativity - Its Management, Marketing and Economics; Information in the Field of Intellectual Property; and Industrial Property Law.

### 8. – 10. 5.

#### **Meeting of Presidents of National IP Office of V4+Friends**

The annual meeting of the Presidents of national Industrial Property Offices of V4 and V4 and Friends (Croatia, Romania, Austria), organised in May 8 – 10, 2019, in Modra, was in the atmosphere of alignment of positions and opinions on the redefinition of the policy of cooperation framework between the European Patent Office (EPO) and the European Union Intellectual Property Office (EUIPO) with Member States' central Industrial Property Offices. The V4 Countries support the operation and further development of the Visegrad Patent Institute (VPI), which acts as the International Search and International Preliminary Examining Authority under the Patent Cooperation Treaty.



## 9. 5.

### **Instructional Video Recordings of the EUIPO Academy**

The Industrial Property Office of SR in cooperation with EUIPO Academy produced several instructional video recordings focused on trade marks and designs. The goal is to provide public with basic information on trade mark or design registration and on other relating tools available to public.

## 10. 5.

### **Annual Report 2018**



Results of the work of the Industrial Property Office of SR and its domestic and foreign achievements are summarised in the Annual Report every year. All updated information on the Office's executive activities, the status of applications, litigation, appeals, legislative activities and services of the Office can be found on our website.

## 22. - 23. 5.

### **Digitisation of Trade Mark and Design Documents**

In May 22 - 23, the implementation teams of the European Union Intellectual Property Office and the Industrial Property Office of the Slovak Republic met at the Office in order to define the scope and technical requirements for the digitisation of "live" paper files of trade marks and designs. The conversion of paper documents into electronic form will concern files filed from 2007 to the end of 2016, i.e. a ten-year period. Once the digital content of the documents is incorporated into the trade mark and design proceedings, the IPO SR experts will have immediate access to the document details. Digitised and recognised texts of decisions allow for easy search and greater consistency in the decision-making process.



## 31. 5.

### **Modul C of the Intellectual Property Institute is Terminated**

Examinations of the Module C were realised within the Intellectual Property Institute. 20 graduates successfully completed the Module. This Module is aimed at the work with information related to IP subject matters.



## 21. 6.

### **IPO SR Building Reconstruction**

The reconstruction of the building of the Industrial Property Office started in order to reduce its energy intensity by handing the building over to the contractor on June 21, 2019.

## 1. 7.

### **Introduction of an Exception to the Protection by a Supplementary Protection Certificate for Medicinal Products**

On June 11, 2019, Regulation (EU) 2019/933 of the European Parliament and of the Council amending Regulation (EC) No. 469/2009 Concerning the Supplementary Protection Certificate for Medicinal Products was published in the Official Journal of the European Union. Pursuant to this Regulation, which entered into force on July 1, 2019, certain activities for which the approval of the holder of the certificate would otherwise be required shall not be deemed to infringe the rights of the holder of the supplementary protection certificate.

## 1. 7.

### **Amendments to the Implementation Regulation of the Patent Cooperation Treaty**

IPO SR informs that by the Notification of the Ministry of Foreign and European Affairs of the Slovak Republic No. 86/2019 Coll. 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 2, 2018, at the International Union for Patent Cooperation meeting and entered into force on July 1, 2019.



## 9. 9.

### **Technical Visit from the European Patent Office**

On September 9, 2019, the Industrial Property Office of SR welcomed the technical visit from the European Patent Office, which laid the foundations for the project portfolio proposal, which shall become the starting point for technical cooperation between the EPO and its partner national intellectual property offices.



## 12. 9.

### **Conference Intellectual Property and its Impact on the State Economy**

During the Conference held on September 12, 2019, in Bratislava, information on the alarming effects of intellectual property rights infringements in a global as well as regional scale was given. Intellectual property has been becoming an increasingly important factor in economic development, increasing employment and improving innovation performance.

## 10. 9.

### **IP Rights and Innovations are Engines for Modern Economy**

The delegation of the European Union Office for Intellectual Property, led by its Executive Director Christian Archambeau, met with Deputy Prime Minister of SR Richard Raši.



## 12. 9.

### **Meeting of the EUIPO Executive Director and the IPO SR President with the Minister of Culture of SR**

The Minister of Culture of SR Mrs. Ľubica Laššáková and the Industrial Property Office of SR President Richard Messinger met the European Union Intellectual Property Office Executive Director Christian Archambeau in Bratislava. During the meeting they discussed current and also possible future common projects and coming challenges related to intellectual property in the new digital era.

## 11. 9.

### **Banská Bystrica Values Intellectual Property over Gold**

Christian Archambeau, Executive Director of the European Union Intellectual Property Office, and João Negrão, Director of International Cooperation and Legislative Affairs, visited Banská Bystrica. Members of the delegation met representatives and employees of the Industrial Property Office of SR (IPO SR) in Banská Bystrica and also the Mayor of Banská Bystrica Ján Nosko.



27. 9.

### Researchers Once Again Dominated Europe

The European Festival of Science – Researchers' Night – took place last year for the 13<sup>th</sup> time in Slovakia on September 27. The last year's motto was: Life as we (do not) know it. The Industrial Property Office of SR had also this time its expositions in the premises of Europa Shopping Centre in Banská Bystrica and in Shopping Centre OC Mirage in Žilina. Various promotion materials, information leaflets and publications issued by the Office were prepared for public. The Office representative discussed with participants about the creative intellectual activities results protection and for the youngest participants there were various interactive games and quizzes prepared.



30. 9.

### Annual Technical Reports

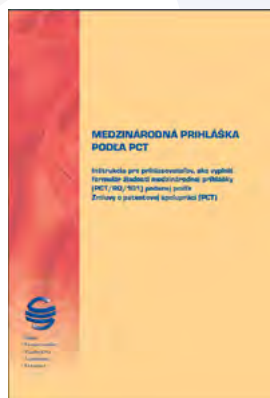
Annual Technical Reports are related to information activities of offices in the area of industrial property protection as well as in the area of automation of internal information and administration systems. The Annual Technical Reports are submitted by the Industrial Property Offices, which are members to WIPO Standard Committee, always in the second half of the relevant year with data and information from the previous year.

1. 10.

### International Entry of a Trade Mark under Madrid System

As of October 1, 2019, English becomes the language of communication of the Industrial Property Office of the Slovak Republic with the International Office of the World Intellectual Property Organization WIPO/OMPI in addition to the French language (Decree of the Industrial Property Office of the Slovak Republic No. 240 of July 1, 2019, amending Decree of the Industrial Property Office of the Slovak Republic No. 567/2009 Coll. implementing Act No. 506/2009 Coll. On Trade Marks, as amended by Decree No. 332/2018 Coll.).

1. 11.



### New Publication of the IPO SR

The Industrial Property Office of SR prepared the electronic publication – International Application according to PCT – Instruction for Applicants, How to Fill in the Form of the International Application (PCT/RO/101) Filed under the Patent Cooperation Treaty. The aim of the publication is to avoid unnecessary administrative errors that the applicant may make when completing the form and to understand better the procedure on the international application from the point of view of the receiving authority.

1. 11.

### Amendments to the Implementing Regulation of the European Patent Convention

The IPO SR informed that by notification of the Ministry of Foreign and European Affairs of the Slovak Republic No. 195/2019 Coll., amendments to the Implementing Regulation to the Convention on the Grant of European Patents (the European Patent Convention) were published in the Collection of Laws of the Slovak Republic. The amendments were adopted on March 28, 2019 by decision of the Administrative Council of the European Patent Organisation and entered into force on November 1, 2019.

5. 11.

### From Idea to Commercialisation Seminar

The Seminar realised on November 5 in Bratislava provided answers to questions about intellectual property and its impact on business as well as about possibilities of intellectual property strategies implementation. The European Patent Office (EPO) and the European IP Helpdesk with the support of the Industrial Property Office of SR developed the programme. The Industrial Property Office of SR was represented by the IPO SR President JUDr. Richard Messinger with the Opening Speech and Ing. Emil Žatkuliak with the lecture Increasing the Intellectual Property Protection Awareness (universities, new entrepreneurs, SMEs).



11. – 12. 11.

### **Professional Examination to Perform Patent Attorney Activities**

The IPO SR in cooperation with the Slovak Chamber of Patent Attorneys pursuant to Act No. 344/2004 Coll. on Patent Attorneys, on Amendment of Act No. 444/2002 Coll. on Designs and Act No. 55/1997 Coll. on Trade Marks as Amended by Act No. 577/2001 Coll. and Act No. 14/2004 Coll. as Amended by Act No. 330/2007 Coll. organises the professional examination to perform patent attorney activities every year. The examination to perform patent attorney activities took place in November 11 – 12 at the Industrial Property Office of SR.

14. – 15. 11.

### **Conference Intellectual Property in Education System**

In November 14 – 15, 2019, the sub-regional Conference Intellectual Property in Education System took place in the premises of the Industrial Property Office of the Slovak Republic. The World Intellectual Property Organization (WIPO) and the State Pedagogical Institute of the Slovak Republic participated in the realisation of the Conference. The Conference was aimed at teachers of primary and secondary schools as well as at employees of other educational institutions. The Conference was meant to be an activator of further cooperation between these three institutions to bring intellectual property to schools.



26. 11.

### **The European Union Ratified the Geneva Act of the Lisbon Agreement on Designations of Origin and Geographical Indications**

On November 26, 2019, the European Union, as the fifth Contracting Party, deposited at the World Intellectual Property Organization in Geneva accession instruments to the Geneva Act of the Lisbon Agreement on Designations of Origin and Geographical Indications. This fulfilled the condition of the number of contracting parties to enter into force of the contractual instrument and the Geneva Act will enter into force on February 26, 2020.

## 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 are 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, 2019, there were **20,981** valid patents registered in the Slovak Republic; **902** of them were granted by a na-

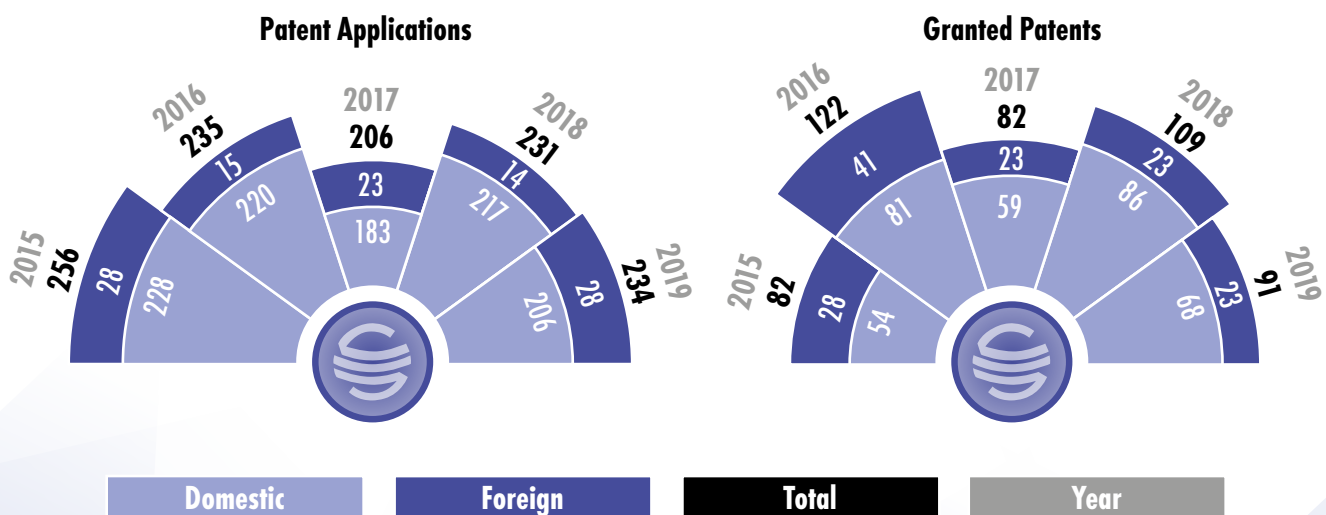
tional route. On that day, there were **20,079** valid European patents in the territory of the Slovak Republic.

Totally **234** patent applications were filed with the Office during 2019; **206** of them were filed by domestic (205 national patent applications and 1 PCT application) and **28** by foreign applicants. It was **1 % more** than in 2018. The number of domestic applicants decreased by **11** compared to 2018, which represents **5 %-decrease**. The number of **foreign applicants increased by 14** applications. The most foreign applicants were traditionally from the Czech Republic.

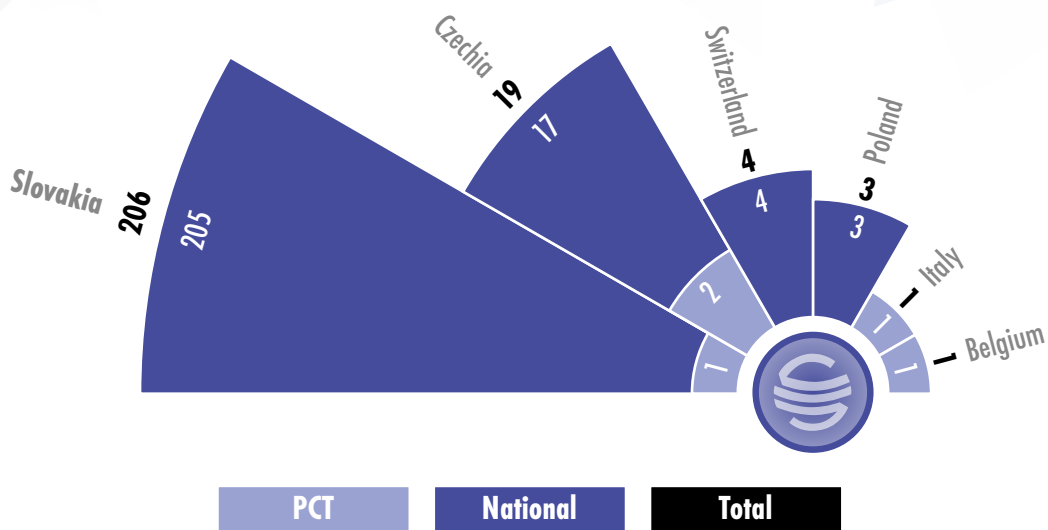
**22 international applications** were filed with the IPO SR as the receiving office under the **Patent Cooperation Treaty (PCT)** last year. It is a decrease by **21 %** compared to 2018.

Within the **Visegrad Patent Institute (VPI)** acting as the International Searching Authority, **4 international searches** and written opinions to international applications were drawn up.

Patents	2015	2016	2017	2018	2019
<b>Patent Applications</b>	<b>256</b>	<b>235</b>	<b>206</b>	<b>231</b>	<b>234</b>
Domestic	228	220	183	217	206
- thereof PCT SK	0	2	0	1	1
Foreign	28	15	23	14	28
- thereof PCT	10	4	7	2	4
<b>Granted Patents</b>	<b>82</b>	<b>122</b>	<b>82</b>	<b>109</b>	<b>91</b>
Domestic	54	81	59	86	68
Foreign	28	41	23	23	23
PCT	14	25	10	13	9
<b>PCT Applications from SR</b>	<b>19</b>	<b>19</b>	<b>24</b>	<b>28</b>	<b>22</b>



## Patent Applications According to Country of Origin



## 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.

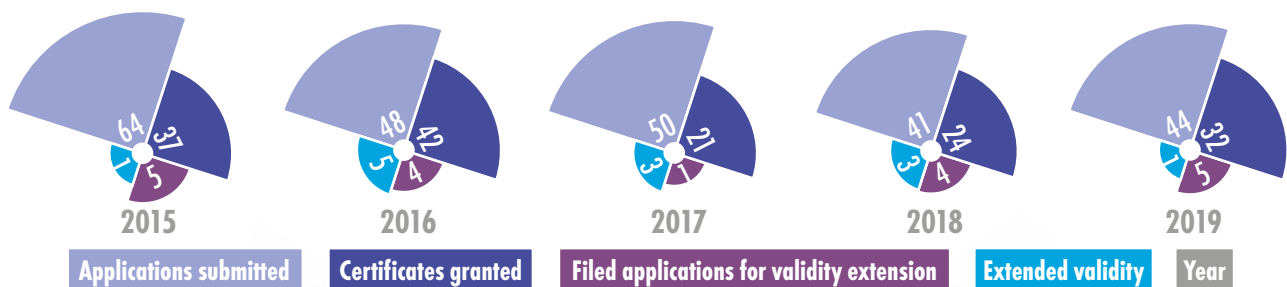
Medicinal products and plant protection products, which can be placed on the market only on the base of an au-

thorisation 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 2019, the Office received 44 applications for supplementary protection certificate and granted 32 supplementary protection certificates. 5 supplementary protection certificate owners requested the supplementary protection certificate validity extension for six months and the Office decided to extend the validity of one certificate.

## Supplementary Protection Certificates



## UTILITY MODELS

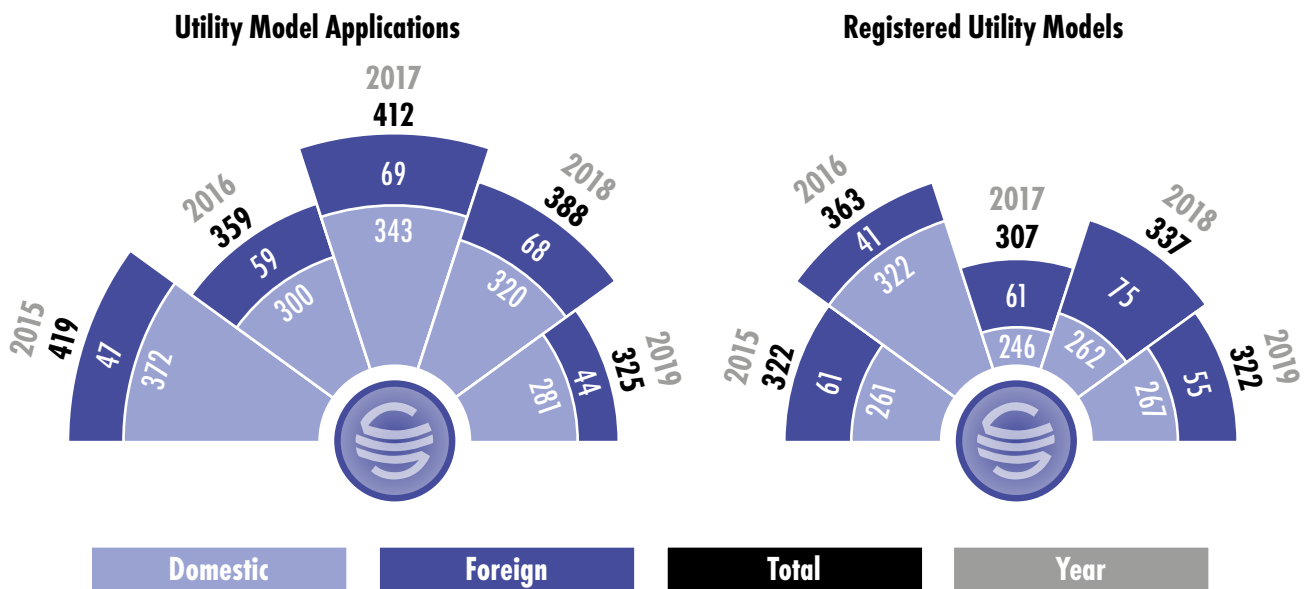
Based on the number of filed applications it can be stated that a utility model is the most common form of protection of technical solutions in Slovakia. Utility model protects technical solutions if they are new, involve an inventive activity, and are industrially applicable.

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

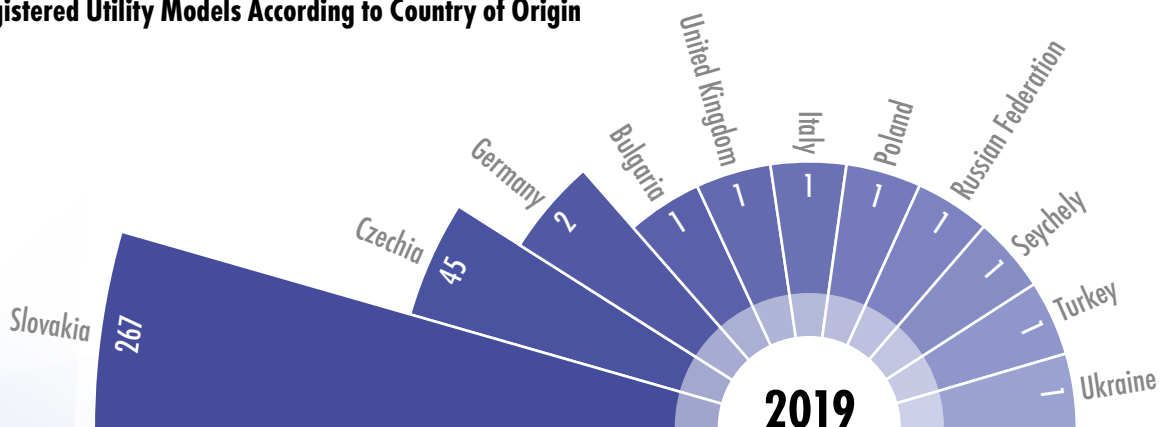
is a higher risk that the registered utility model can be cancelled from the Register on the request of the third party if the Office based on such request finds out that the utility model subject matter fails to meet conditions set by the Act No. 517/2007 Coll. on Utility Models and on Amendment of Some Acts.

By December 31, 2019, there were **1,872** valid utility models in the Slovak Republic; during 2019, the Office registered **322** utility models, which represents decrease by **4 %** compared to 2018.

In 2019, the Office received **325** new utility model applications; it is decrease by **16 %** compared to 2018. In 2019, domestic applicants filed **281** applications and foreign applicants filed **44** applications. Most utility models filed by foreign applicants were from the Czech Republic and Switzerland.



### Registered Utility Models According to Country of Origin



# DESIGNS

Full protection of new products includes the protection of their physical appearance (aesthetic aspect). Design protects the appearance of whole new products 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

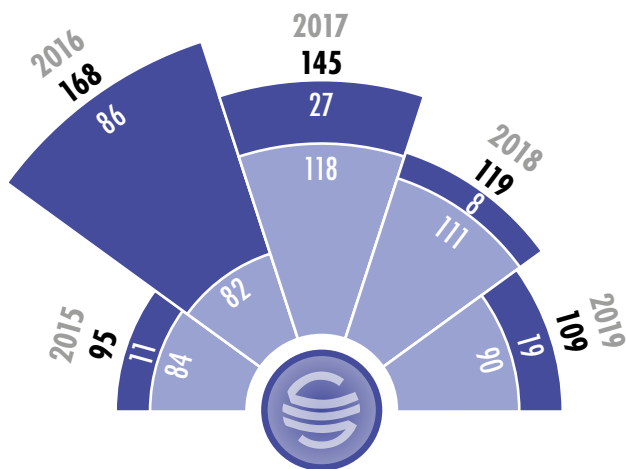
any persons, entities or individuals, wishing to infringe his legal rights.

By December 31, 2019, there were **911 valid designs** registered in the Slovak Republic. The number of filed design applications in 2019 decreased from 119 to 109. Domestic applicants filed 90 and foreign applicants 19 design applications.

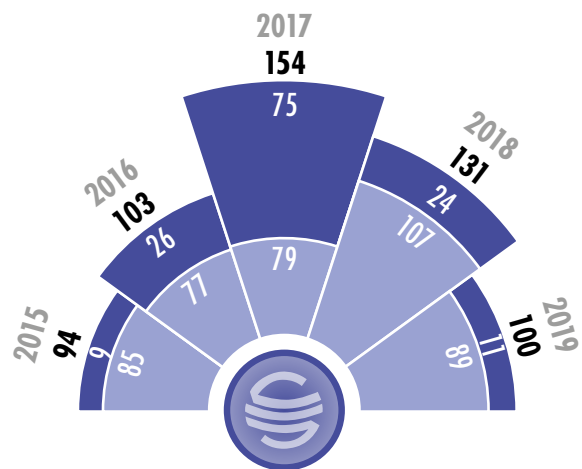
The number of **negative decisions** on registration was **12**; in the mentioned year that represents approximately **8 %** in proportion to 142 finished proceedings on design registration, i.e. it is almost same as in the previous period.

Designs	2015	2016	2017	2018	2019
<b>Design Applications</b>	<b>95</b>	<b>168</b>	<b>145</b>	<b>119</b>	<b>109</b>
Domestic	84	82	118	111	90
Foreign	11	86	27	8	19
<b>Registered Designs</b>	<b>94</b>	<b>103</b>	<b>154</b>	<b>131</b>	<b>100</b>
Domestic	85	77	79	107	89
Foreign	9	26	75	24	11

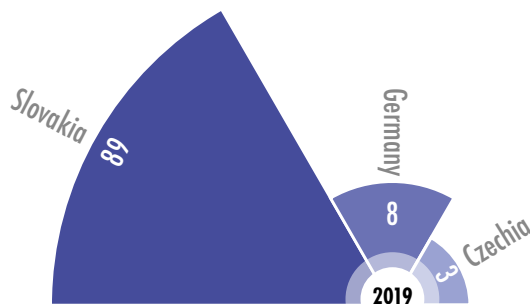
Design Applications



Registered Designs



Registered Designs According to Country of Origin



## 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 rights 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 2019, the IPO SR received **2,878 national trade mark applications**; it is **5 %** more than in the previous year. The decreasing trend of filed applications from the previous years stopped in 2019; this may indicate that the protection of products and services in the domestic territory is sufficient for smaller businesses.

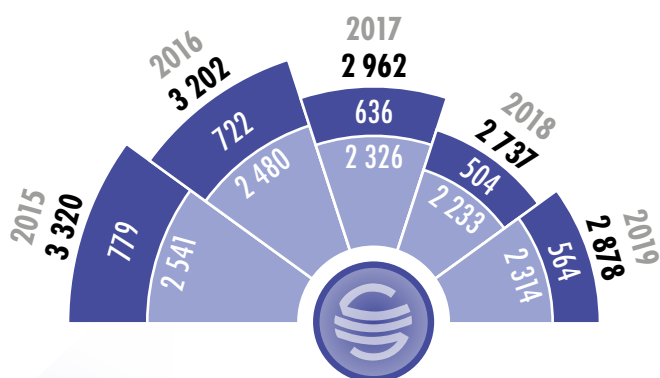
Domestic applicants filed **2,314** and foreign applicants **564** applications. The most foreign applications were from the Czech Republic (280), from the United States of America (51) and similarly from Poland (20).

By December 31, 2019, there were **46,984 valid national trade marks** in the Slovak Republic.

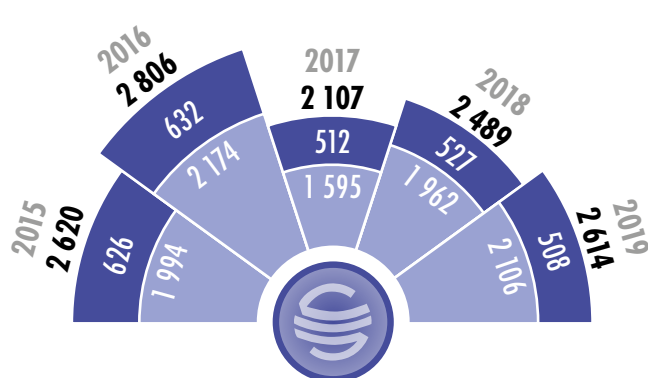
The number of **internationally registered trade marks (ITM)** with designation for the Slovak Republic in 2019 decreased by **214** (in total 1,357); compared to the previous year it is **decrease by 13 %**. The number of applications for the trade mark international registration in 2019 forwarded to the WIPO was **78**; it is a **decrease by 5 applications** compared to previous year, which is an average tolerance in the long term view. 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.

Trade Marks	2015	2016	2017	2018	2019
<b>National trade mark applications</b>	<b>3 320</b>	<b>3 202</b>	<b>2 962</b>	<b>2 737</b>	<b>2 878</b>
Domestic	2 541	2 480	2 326	2 233	2 314
Foreign	779	722	636	504	564
International trade mark applications to SR	1 626	1 145	1 435	1 571	1 357
International trade mark applications from SR	109	120	106	83	78
<b>National registered trade marks</b>	<b>2 620</b>	<b>2 806</b>	<b>2 107</b>	<b>2 489</b>	<b>2 614</b>
Domestic	1 994	2 174	1 595	1 962	2 106
Foreign	626	632	512	527	508

National Trade Mark Applications



National Registered Trade Marks



Domestic

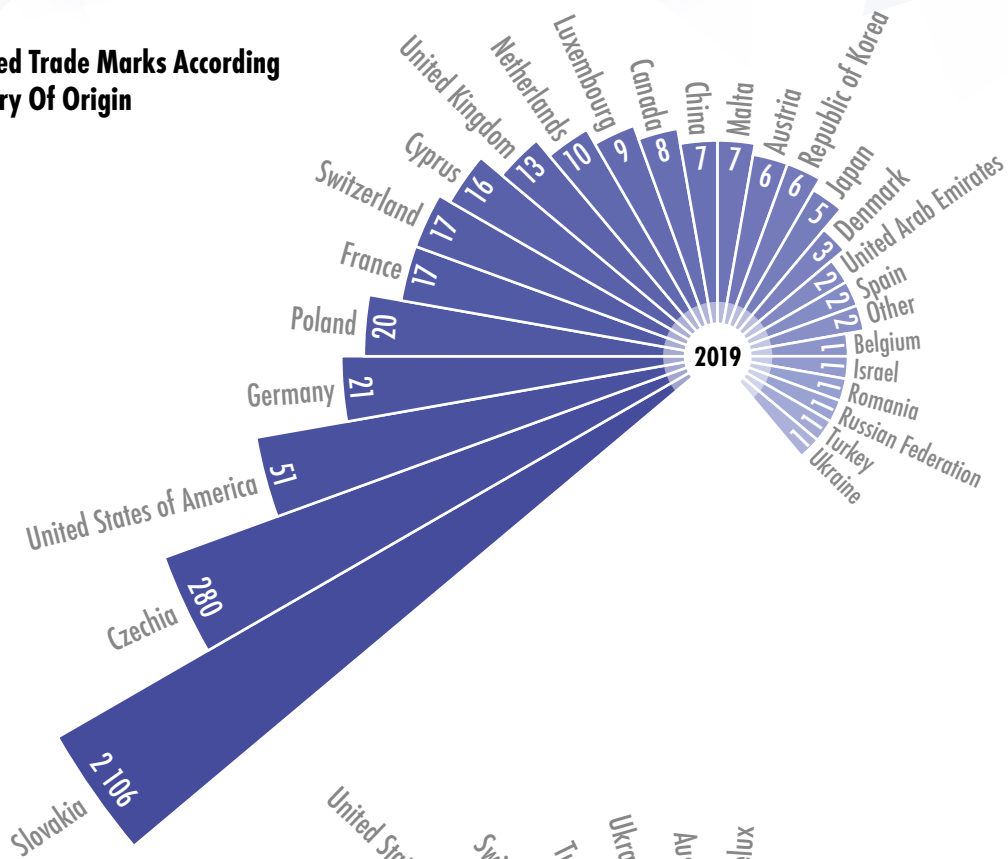
Foreign

Total

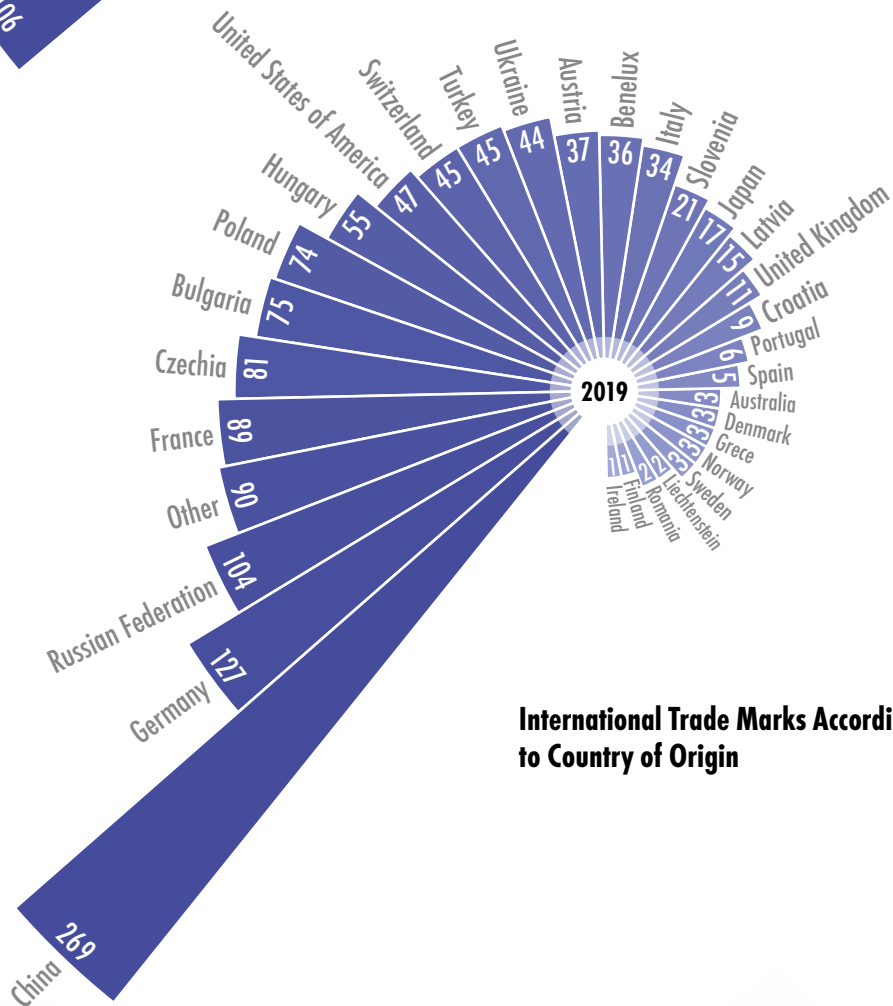
Year



**Registered Trade Marks According To Country Of Origin**



**International Trade Marks According to Country of Origin**



# 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.**

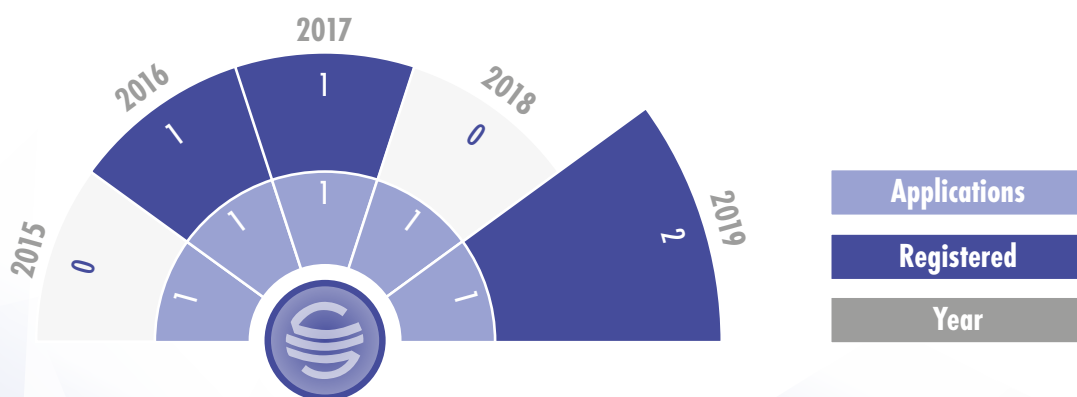
In a case of designations of origin and geographical indications, the rights do not belong to an individual entrepreneur or one single entity (such as association, association of producers or processors association). These rights belong to all those in the defined geographical area where the product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

By December 31, 2019, there were **17** valid designations of origin and **5** valid geographical indications for a product in the IPO SR Register.

In relation to **designations of origin and geographical indications for products**, in 2019, the IPO SR received one application for entry of a designation of origin for a product into the national register – **Kyjatic Toys**, which was also entered into the register. Also geographical indication for a product – **Sekule Ceramics** – was entered into the register. During 2019, the Office performed several pre-diagnostics for the potential protection of geographical indications and designations of origin. The accession of the EU to the Geneva Act of the Lisbon Agreement on Appellations of Origin and Geographical Indications by depositing its instrument of ratification on November 26, 2019, at the WIPO in Geneva is an important message for current and future users of protection through designations of origin for a product.



Designations of Origin and Geographical Indications for Products



# LEGISLATION

After 2018, which was unusually rich in legislative activity in the conditions of the Industrial Property Office of the Slovak Republic (the Trade Marks Act, Patent Act, Design Act and Act on Utility Models as well as the related implementing regulations were amended), attenuation occurred in the legislative area in 2019.

In 2019, the Office only amended the Decree of the Industrial Property Office of the Slovak Republic No. 567/2009 Coll. implementing Act No. 506/2009 Coll. on Trade Marks as amended by Decree No. 332/2018 Coll. The amendment to the Decree entered into force on October 1, 2019, and concerned only the provisions of paragraph 1(6). The applicant for registration of an international trade mark in the international trade mark register of the International Bureau of the World Intellectual Property Organization (WIPO) has been given the opportunity to choose either English or French as the language of the international application. Until now, the only option was French; the exclusive designation of the French language as the language of the international application reflected a historical approach that, however, proved to be outdated. The general population in the Slovak Republic, but also Slovak professional representatives representing applicants for international trade mark registration or proprietors of international trade marks in related proceedings (lawyers and patent attorneys) have a greater command and preference of English. It is not without interest that the initiative to change the legislation came from representatives of the professional public - representatives of the Slovak Chamber of Patent Attorneys. Enabling English as

the language of the international application should bring benefits to Slovak users in the form of eliminating translation costs into and from the French language as well as faster and more flexible communication as well as the procedure in possible proceedings before registration offices.

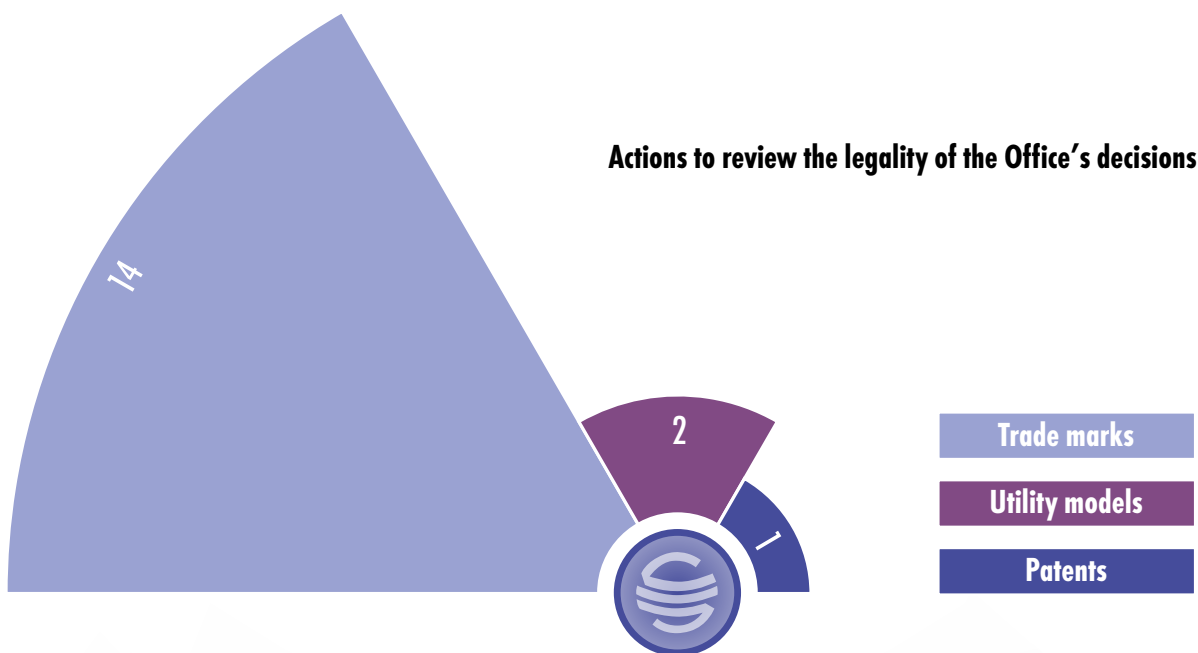
## COURT PROCEEDINGS

Seventeen legal actions to review the Office's decisions were submitted to the Regional Court in Banská Bystrica in 2019; fourteen of them related to trade marks and two actions related to utility models and one to a patent.

Five legal actions initiated in 2019 were decided validly by the Regional Court in Banská Bystrica (in one case the action was dismissed, in three cases the decisions of the Office were annulled and the cases were returned to the Office for further proceedings and in one case the action was suspended due to withdrawal of the action). Cassation complaints were filed against those decisions of the Regional Court in Banská Bystrica by which the Court annulled the decisions of the Office.

In relation to pending cases from previous years, in 2019, the Regional Court in Banská Bystrica decided in five cases; in four cases, the actions were dismissed; in one case, the decision of the Office was annulled and the case was returned to the Office for further proceedings.

As of December 31, 2019, there were eleven pending cases at the Regional Court in Banská Bystrica and seven pending cases at the Supreme Court of SR as the Cassation Court.



## 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 industrial property 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 or granting the protection to an international trade mark within the territory of the Slovak Republic, any person shall be entitled to submit the oppositions within the legal period from the publication of the trade mark application or international trade mark in the relevant Gazette.**

**As part of the major amendment to the Trade Mark Act effective from January 14, 2019, there were several changes in the opposition proceedings, and one of them is the possibility of filing an opposition because of bad faith in filing a trade mark application; it is the reason solved before the amendment within the proceedings on observations ex officio. However, with the exception of a manifestly bad faith, it is an action, which, by its nature, constitutes a dispute procedure and therefore its transformation into an opposition ground can be regarded as a natural development.**

**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 2019, the number of new **opposition filings was 157**; in comparison with the previous year, it is **30 % more**. This increase is probably attributable to the introduction of the new opposition ground.

With regard to the **observations submitted** because of bad faith before the amendment of the Trade Mark Act, they are gradually terminated in accordance with the previous provisions, while the Dispute Proceedings Department assessed 20 such cases in 2019.

In case of **requests for invalidity and revocation of a trade mark or an international trade mark**, there were **31** requests filed, which is significant decrease for more than **30 %** compared to last year.

As regards requests related to **technical subject matters of industrial property protection** (patents, supplementary protec-

tion certificates and utility models) **14** filings were recorded; it is the number corresponding to the previous period. Interestingly, in the case of patents it was a solely a designation procedure that the public uses in litigations patent rights infringement.

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 situation in relation to **designs** cancellation proceedings in 2019 when no request was filed, copied the situation from years 2016 and 2017, since in 2018 there were 6 requests for cancellation filed; only 1 request was filed in 2017 and none in 2016.

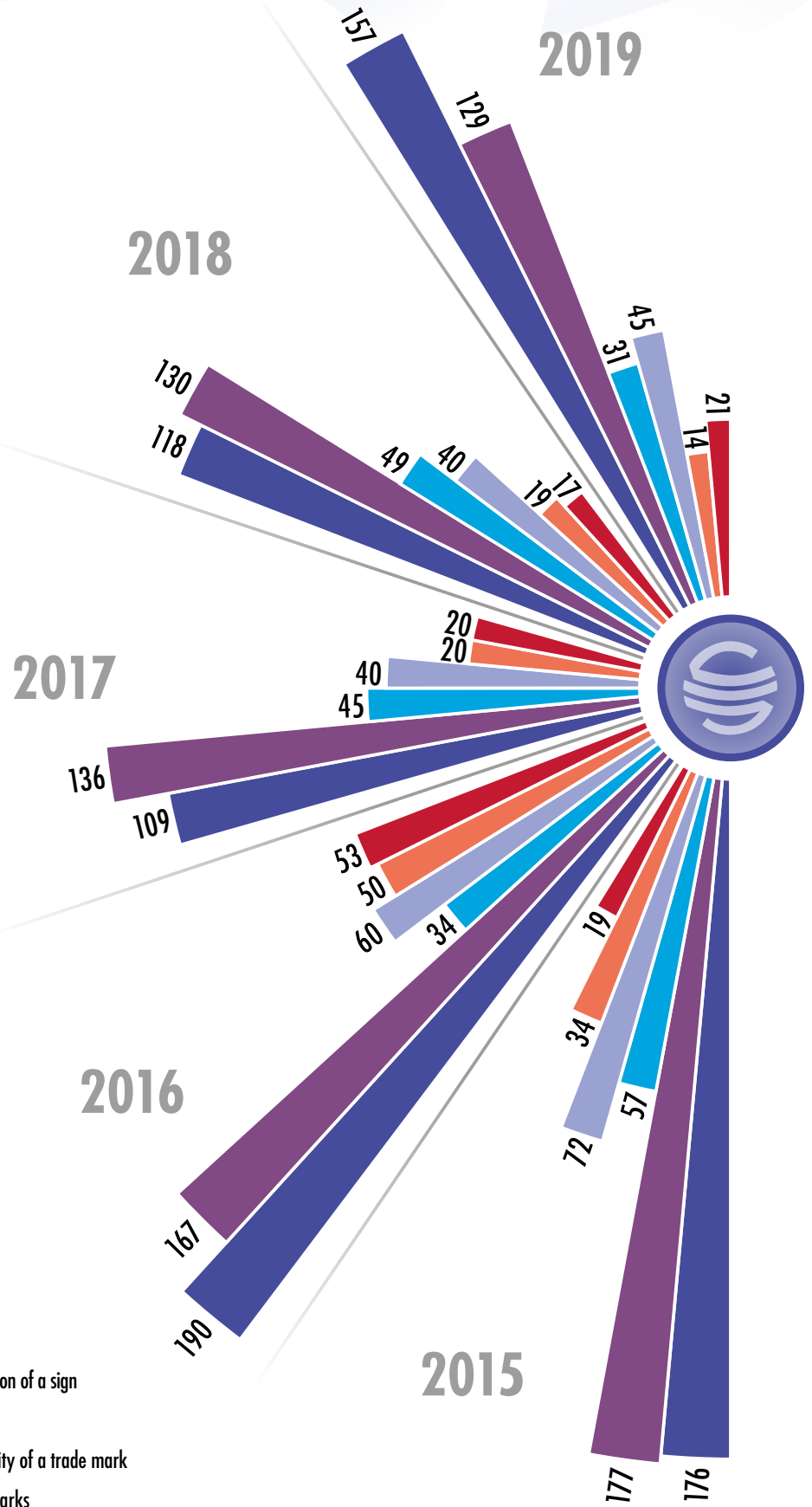
In 2019, there were **129** decisions issued in relation to **oppositions to entry of a sign** that is a subject of the trade mark application into the Office's Register, or the refusal of protection in the territory of the Slovak Republic in case of international trade marks; in 2018 there were **130** decisions issued. However, the number of decisions issued in 2019 in absolute terms is lower than in previous years, it represents almost **70 % more substantive decisions**. In accordance with the amendment to the Trade Mark Act, the Office must, in contrast to the previous legislation, consider all objections objectively, even if the applicant for the sign at issue did not comment on the oppositions filed.

In case of requests for **invalidation and revocation of a trade mark** or an international trade mark the Office issued **45** decisions; it is **12 % more** than in the previous year when the Office issued 40 decisions.

In proceedings for **revocation of a patent, cancellation of a utility model and a design, determination proceedings and proceedings related to supplementary protection certificates**, **21** decisions were issued in 2019, which is **20 % more** than in 2018 when the Office issued 17 decisions. It is also a comparable number with decisions issued in 2017 and 2018. The significant difference in the number of decisions in 2016 was influenced by the specific situation when the Office dealt with filings for a revision of supplementary protection certificates validity.

Concerning the number of pending requests at the Department in the end of 2019, this number is slightly lower compared to previous years; particularly **274** requests were pending, in 2018, there were 281 and in 2017, there were 282 pending requests.

**Dispute Proceedings**



- Filed oppositions against registration of a sign
- Decisions on oppositions
- Requests for revocation / invalidity of a trade mark
- Decisions on requests - trade marks
- Requests - patents, supplementary protection certificates, utility models, designs
- Decisions on requests - patents, supplementary protection certificates, utility models, designs

# 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 2019, **124 remedies** against the first instance decisions of the IPO SR were filed; it is an **increase by almost 11 %** comparing to 2018. Three cases involved the application of extraordinary remedies. Other filings were appeals against first instance decisions of the IPO SR.

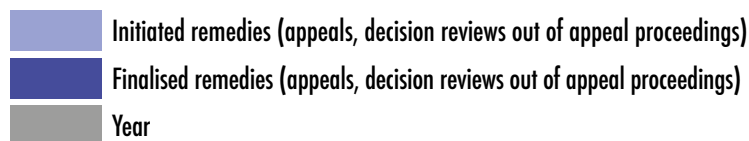
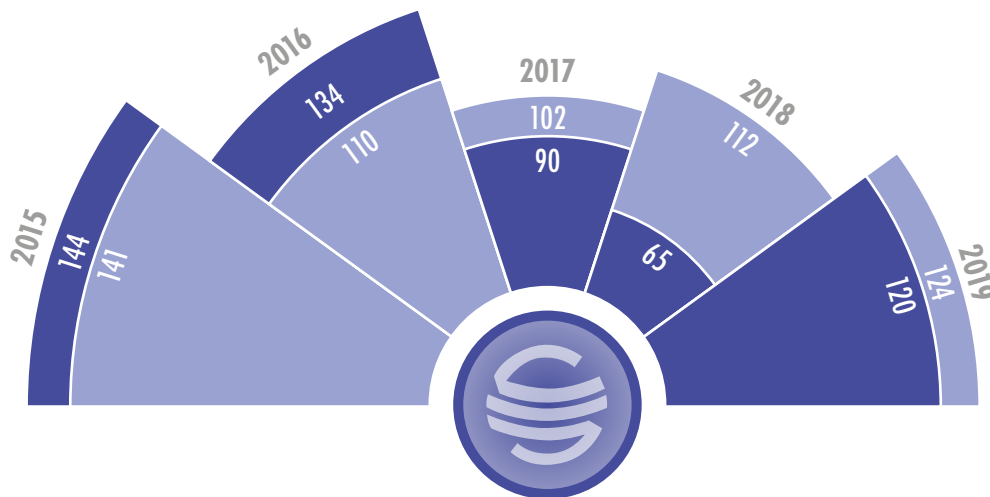
The largest number of filings – as well as in previous years – related to **trade marks**. These amounted up to **89 %** of all filings

in the Appeals Department in 2019. In 2019, the number of remedies against decisions relating to patents, European patents, utility models, and designs was 14.

In 2019, the Appeals Department **completed 120 proceedings** on appeals; out of which 113 decisions were issued and seven proceedings were completed informally. Out of total number of completed proceedings five decisions were reviewed apart from the appeal proceedings; the rest were appeals against the first instance decision of the IPO SR.

Despite a higher number of completed proceedings in 2019 comparing to previous year, according to slight increase of filed remedies in 2019, in the Department’s agenda there were as of December 31, 2019 **193 pending proceedings**; it is **increase by 4 proceedings** comparing to 2019.

Remedies



# 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 Organisation (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**.

In September, the Executive Director of the European Union Intellectual Property Office Christian Archambeau visited Slovakia. On this occasion, he opened the Conference *Intellectual Property and Impacts on State Economy* where the key results of EUIPO studies focused on the IP protection effects on SMEs were presented. Within the visit of SR, the EUIPO delegation met with the Deputy Prime Minister for Investments and Informatics Richar Raši and the Minister of Culture of SR Ľubica Laššáková. During the visit of the IPO SR, a meeting with the Mayor of Banská Bystrica was held.

In cooperation with the EUIPO, the Office participated in the preparation of the Strategic Plan **SP2025**, which was approved by the Administrative Board in November 2019.

Three main objectives, which include developing an interconnected, efficient and reliable intellectual property protection system, focusing on customer-oriented services and moving towards a more innovative workplace, are the values of the new Strategic Plan SP 2025.

In 2019, the Office cooperated on the implementation of projects that were part of the EUIPO Strategic Plan 2016-2020. The bilateral cooperation agreement with EUIPO 2019 included projects aimed at raising the intellectual property protection awareness, convergence activities, selected activities of the European Observatory Intellectual Property Rights Infringements and EU-funded projects implemented by EUIPO in third countries.

Within the framework of bilateral meetings, in March and September 2019, the Department provided factual and organisational preparation for the visit of EUIPO representatives on technical issues of bilateral cooperation.

The International Relations Department continued to act as a coordinator in the field of **EUIPO Academy** training events.

Cooperation between the IPO SR and the **European Patent Office (EPO)** focused on a more detailed definition of the content and change of the form of cooperation in accordance with the objectives of the new Strategic Plan 2023. Its aim is to create a new framework for cooperation of all interested parties in the intellectual property system. The meeting on technical issues held at the

IPO SR in September was the part of the process. The International Relations Department continued to act as a coordinator in the field of training activities of the European Patent Academy. In November, the workshop *From Idea to Commercialisation* was organised together with SMEs as a target group.

An annual programme defined the IPO SR cooperation with the **World Intellectual Property Organization (WIPO)**. In April, the Office organised in cooperation with the WIPO and the University Science Park Technicom at the Technical University in Košice the Seminar *Use and Management of Intellectual Property in the Conditions of SMEs*. In November, the international Conference *Intellectual Property in the Education System* organised with the participation of the WIPO and the State Pedagogical Institute of SR at the IPO SR.

The Office continued in launched projects resulting from international cooperation within which it implements initiatives to raise the intellectual property protection (IP) awareness, as well as education and training programmes, ICT projects, data exchange projects, development of tools to ensure better access to information on IP projects and, last but not least, projects on the harmonisation of procedures concerning the methods of examination and assessment of trade marks and designs by intellectual property offices.

Besides the cooperation with international organisations, the Office also developed regional and bilateral relations.

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 in the preparation of the VPI Technical-Expert Group meeting, as well as the preparation of instructions for the VPI Board meetings.

As part of the rotating presidency of the V4, the IPO SR organised in May 2019 the meeting of partner industrial property offices presidents in Modra. At the meeting, the representatives of the national offices of the participating states (HU, CZ, PL, SK, HR, SI, RO, AT) mainly addressed the open issues of the VPI and the coordination of procedures at the EPO, EUIPO and WIPO negotiations.

The International Relations Department covered the discussions of the Intellectual Property Working Groups in the EU Council, the meetings of the Commission Expert Group on Industrial Property and selected meetings of the Working Group of the European Observatory on Intellectual Property Rights Infringement established by the EUIPO.

In April, the Office organised a regular meeting of the Interdepartmental Commission for the Coordination of Co-operation in the Fight against Counterfeiting and Piracy.

## SERVICES OF THE OFFICE

The IPO SR established in 2006 the **Information Centre** to provide effectively information on industrial property 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 2019 the Information Centre dealt with **5,591** requests for information (thereof 4,138 by phone, 1,292 by e-mail, 147 in personal and 14 by post).

**475** notifications to the extension of utility model validity and **140** notifications to extension of design validity were sent.

In 2019, cooperation with state administration and public authorities was provided in **401** cases. There were **34** requests for access to the files during the reporting period.

In the specialised public study room, the Office provides public an access to **patent and non-patent literature**. The patent fund was updated with **817,359** patent documents in paper and electronic forms; **1,486** 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 **9,735** 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 2019, there were **20** titles in the reference library, out of which **15** were domestic and **5** foreign. 25 new books were added to the fund, 18 of which were purchased and 7 were gifts.

The **deposit library of the WIPO** containing **322** publications is also included in the library fund of the Office and is available for library study for public and the Office employees. 22 new publications were processed and included in the fund in 2019.

Based on the order, the IPO SR performs various types of **search services** – patent searches, design searches, trade mark searches and bibliographic searches. Searches are performed in national and international databases. Searches help to convey specific patent information on specific entries. The search result may ultimately e.g. reduce investments and save R&D resources in case of discovery of non-novelty of an invention/technical solution. In the same way, possible litigation can be avoided if it is found that someone else owns industrial law. In 2019 there were performed **4** patent searches on state of the art, **33** patent searches with commentary, **271** trade mark searches, **22** bibliographic searches and **7** design ap-

pearance searches. For the EUIPO **554** EUTM searches were performed.

**Industrial property rights pre-diagnostics** is a consultancy and advisory service in the field of industrial property protection. It is supposed to provide the management "a package" of information so they could develop a suitable strategy. It is intended to emphasize the importance of industrial property protection, to indicate the direction of the business, but it must not directly propose filing patent applications or any other way of protecting intellectual property.

**Recommendations and conclusions** resulting from analyses **are not binding for businesses**. The industrial property rights pre-diagnostics was performed by three department employees. In 2019, **32 pre-diagnostics** were performed.

Naturally, the focus continued to be on innovative companies and institutions – e.g. Institute of Animal Physiology, Košice, Slovak Academy of Sciences; TANAX TRUCS, Inc., Bratislava; Nexis Fibers, Inc., Humenné; EIBEN, Ltd., Banská Bystrica; producer of cryochambers Cryoniq, Ltd., Nové Zámky.

As in previous years, the IPO SR promoted also the protection of traditional craft and food products by a geographical indication for a product.

In Rimavské Zalužany domestic craftsman Ladislav Hedvig manufactures Kyjatice toys decorated with traditional decor tracery; Voľanský family company from Bardejov offers honeydew of high quality (awarded at world exhibitions); liqueur made from hand-picked Orava blueberries – Hafirovica – is produced by the company of the Beňuš family, Hafirovica, Ltd., from Oravská Polhora.

In cooperation with the Slovak Design Center, the Office promoted the importance of interesting design works protection also this year. Repeatedly we were addressed by designers, including Vlasta Kubušová from Crafting plastics! Studio focusing on the use of biodegradable bioplastics in everyday life products. In this case, we recommended industrial property protection not only by design but also by utility model.

 Since January 1, 2019, the Industrial Property Office of the Slovak Republic has been participating in the national project of implementation and support of quality management in public administration organisations, specifically implementing the **CAF (Common Assessment Framework)** model. As a European model of comprehensive quality management used in the public sector, the model aims at self-evaluation



of the organisation and its continuous improvement in every area of its activity. The model is based on eight principles of excellence (Result Orientation; Focus on Citizen/Customer; Leadership and Stability of Goals; Process and Fact Management; Employee Development and Engagement; Continuous Innovation and Improvement; Partnership Development; Corporate Social Responsibility).

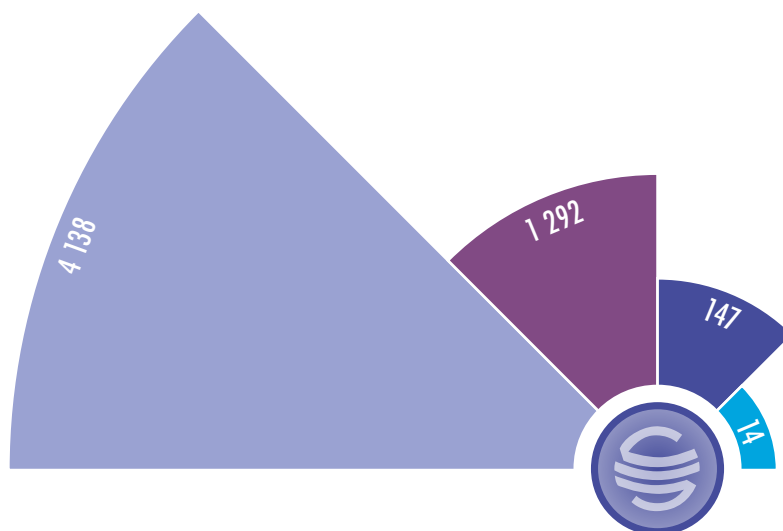
The CAF model examines/evaluates nine criteria (leadership, strategy, employees, partnerships and resources, processes, customer/citizen results, employee performance results, social responsibility results, key performance results).

In accordance with the individual phases of the model implementation, the Self-Assessment Report of the IPO SR was created in 2019; the team members' on-site assessments resulted in the Feedback Report. Both documents contained suggestions and ideas for the Office's Action Plan for Improvement of individual criteria. The year 2019 was completed with the successful creation of the Action Plan for Improvement and from 2020 the Office is awaiting its implementation and implementation in practice.

## Warning – Do not pay misleading invoices!

Certain private companies have been offering to the industrial property holders their registrations, publishing or recording in various internet databases for a fee. The IPO SR warns 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 industrial property rights.

Requests Processed by the Information Centre in 2019



by phone

e-mail

personally

by post

## IP POPULARISATION

The IPO SR tries to provide the knowledge related to industrial property 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 intellectual property.

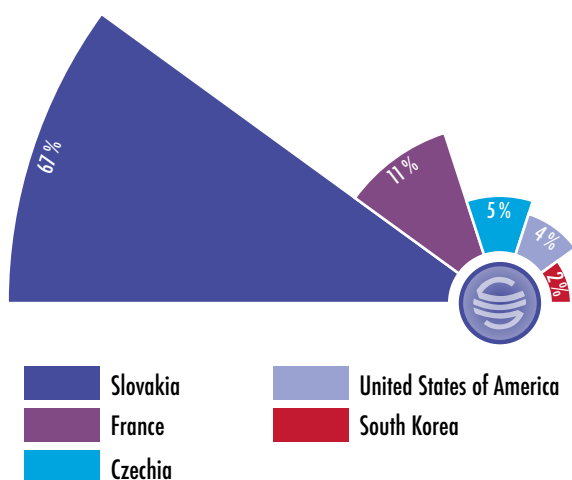
### IPO SR WEBSITE AND SOCIAL NETWORKS

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 industrial property. Both Slovak and English versions provide information about upcoming conferences, seminars and other events. In 2019, the number of visits of the IPO SR web portal was approximately **181,000**. The most users were from Slovakia (approximately 67 %), followed by users from France (11 %), the Czech Republic (approximately 5 %), the USA (4 %) and surprisingly from South Korea up to 2 %. 18 % of users are regularly returning portal users. Databases and web registers (9.4 %) are the most visited subpages of the portal. They

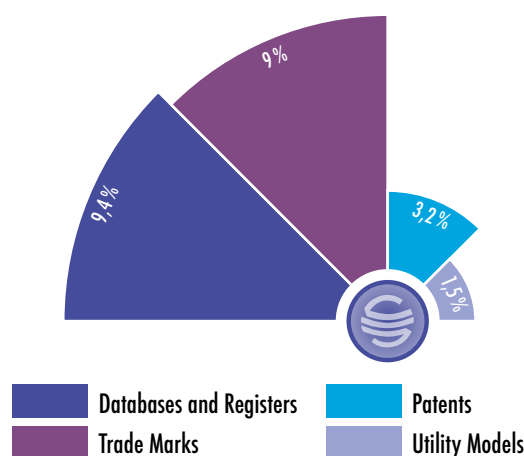
are followed by trade marks (9 %), patents (3.2 %) and utility models (1.5 %). More than 60 % of visitors visit the pages directly through the link to a particular subpage – not via the main page of the portal first.

From 2017, the new and improved **IPO SR web registers** 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 making 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.

Users of IPO SR Website by Countries



The Most Visited Sections of IPO SR Website



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 **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 intellectual property subject matters. It contains information on copyright and rights related to copyright, industrial property rights, the law against unfair competition; it also includes information on the legal regulation of trade names, trade secrets and know-how.

### PUBLICATIONS

The **IPO SR Gazette** is the most important publication related to industrial property 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** (Intellectual Property) is the only Slovak periodical focused on the issues of industrial rights and copyright. In 2019, the magazine was issued four times at 150 copies per number in printed and elec-

tronic forms. There were 40 subscribers of the Magazine in 2019 with 47 copies; 25 copies were sent electronically and 22 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 2019, the editorial board of the Magazine was extended by several prominent personalities from the field of intellectual property law, namely prof. Ing. Ladislav Jakl, CSc. from the Metropolitan University Prague, prof. Ing. Ľubomír Šooš, PhD. from the Slovak University of Technology in Bratislava, JUDr. Richard Bednárík, PhD. from the Institute of Intellectual Property Law and Information Technologies, University of Trnava, doc. Mgr. Martina Kubinec, PhD. from Matej Bel University in Banská Bystrica, JUDr. Zuzana Adamová, PhD. from the Institute of Intellectual Property Law and Information Technologies, University of Trnava, prof. Mgr. Petr Vojčík, CSc. from Pavol Jozef Šafárik University in Košice, Mgr. Michal Černý, PhD. from Palacký University in Olomouc and Mgr. Ing. Martin Žovica, the patent attorney.

Since 2019, an editorial circle, consisting of directors of the Office expert departments, was also created.

Studies published in the Magazine from the beginning of 2019 are subject to a double anonymous peer-review procedure and editors of the magazine introduced the rubric of comments dealing with current topics in the field of intellectual property.

The electronic magazine **E-zine of the IPO SR** provides updated information and interesting facts on the intellectual property from Slovakia and abroad. 10 issues were released in 2019; 2 of them were double issues. The Magazine was distributed to 134 external subscribers and to all internal IPO SR employees. **The Press Monitoring** was prepared for the employees 110 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.

Every year, on April 26, we celebrate the World Intellectual Property Day to remind ourselves of the importance of intellectual property rights (patents, trade marks, designs and copyrights) in promoting innovations and creativity. This year's World Intellectual Property Day campaign – Reach for Gold – looked closer into the world of sport. The campaign explored how innovation, creativity and intellectual property rights protect the development of sport and promote the enjoyment of sport around the world. On this occasion, the Industrial Property Office of the Slovak Republic in Banská Bystrica organised the **19th Annual Conference Intellectual Property in Slovakia**. The conference featured topics on copyright in sport, intellectual property rights infringement in organising events, winners of the National

Design Award 2018 and innovative patent video technology were presented.

**On September 12, 2019**, the Industrial Property Office of the Slovak Republic in cooperation with the European Union Office for Intellectual Property organised the Conference **Intellectual Property and its Impact on the State Economy** the aim of which was to highlight the alarming impact of intellectual property rights infringements on a global as well as on a regional levels. The Executive Director of the European Union Office for Intellectual Property Christian Archambeau and the Minister of Culture of the Slovak Republic Ľubica Laššáková accepted the invitation to the Conference.

**On September 27, 2019**, the Office joined the thirteenth year of the Science Festival in Slovakia - **European Researchers' Night 2019**. The IPO SR employees participated in the project in Banská Bystrica and Žilina, where they provided information on the intellectual property 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.

The IPO SR representatives participated at **five 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.

In April, the exhibition **Made in Paper**, which is a joint project of the Technical University in Zvolen and the Tomas Bata University in Zlín, was opened in the entrance area of the Industrial Property Office of the Slovak Republic. Students from the Department of Furniture and Interior Design of the Technical University in Zvolen and the Tomas Bata University in Zlín, inspired by paper, explored the unique properties of this material as a supporting construction material that could be applied, for example, in furniture production.

Last year the Office repeatedly participated in the competition **National Design Prize 2019**, organised by the Slovak Design Centre with the Ministry of Culture of SR. The IPO SR Head of the Office JUDr. Ing. Petra Presperínová attended the ceremonial announcement of the results.

## EDUCATION ACTIVITIES

Based on the decision of the Ministry of Education, Science, Research and Sport of the Slovak Republic from April 30, 2019, and the certificate of re-accreditation No. 1308/2019/54/1 the IPO SR provides **Educational Programme the Intellectual Property**. Since January 2019, the Programme Intellectual Property

continued at the Office by the Module B – Creativity – Its Management, Marketing and Economics, which was terminated in February 2019. From March 2019 to May 2019 the Module C – Information in the Field of Intellectual Property – was running. 22 participants of the Programme successfully completed module B in February and in May 2019 22 participants completed the Module C. In the school year 2019/2020 since September 26, the Institute Intellectual Property continues by the Module D – Industrial Property Law. It has been running all school year and consists of the following units: Industrial Rights and Related and Associated Rights, Patent and Trade Mark Rights. 20 participants attend the Module D. In October 2019 6 participants successfully defended their final works.

The Office also in 2019 continued in **educational activities** on intellectual property protection importance for elementary and secondary schools pupils and also for academics and business community. **4** lectures were held for elementary schools, **13** for secondary schools and **6** for universities. The lectures 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 middle-sized entrepreneurs, the cooperation with their professional associations in particular regions was proved successful. The IPO SR representatives participated at **five international fairs** in Nitra and Bratislava (Danubius gastro Exposhop Gastropack, Fishing, Hunting and Beekeeping, Furniture and Living, CONECO – RACIOENERGY, the International Engineering Fair and Agrokomplex), where they promoted the Office's activities and provided consultancy on industrial property protection.

At the turn of April and May, the Industrial Property Office of the Slovak Republic carried out an **internship programme** resulting from the Cooperation Agreement with Matej Bel University in Banská Bystrica. The two-week programme was attended by students of the Faculty of Law of UMB (4) and students of the Faculty of Political Sciences and International Relations of UMB (4).

The Industrial Property Office of SR in cooperation with the Slovak Chamber of Patent Attorneys organised in November 2019 **the professional examination to perform patent attorney activities**. The examination were successfully passed by one applicant.

## THE IPO SR PARTNERS

In 2019 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 industrial property. 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 Kmeňko'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 at 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 Summit PATLIB. The Summit, which was organised by the European Patent Office in cooperation with the host Portuguese Institute of Industrial Property, was held in May 6 – 7, 2019, in Porto. It was a strategic meeting to reflect on the concept of developing PATLIB Centres and to prepare the ground for reorienting PATLIB Centres to highly qualified and modern service providers of various kinds. The result of the meeting was a proposal for a set of strategic recommendations for the EPO called Porto Paper.

The PATLIB Centres employees had the possibility to participate in the educational programme Intellectual Property for free. In 2019, two employees from the State Scientific Library in Banská Bystrica completed the course.

All Patent Information Centres and the Office's Contact and Information Points received the Magazine Duševné Vlastníctvo and other Office's products regularly.

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 their industrial property protection.

In the **Košice Regional Chamber** premises, the Open Day of the Industrial Property Office of the Slovak Republic was organised. During that day, the Office's employees provided interested entrepreneurs with information concerning a general overview of intellectual property, as well as search options and the basics of document searching.

Director of Patent Department, Ing. Lukrécia Marčoková, and Director of Trade Marks and Designs Department, Ing. Zdenka Hajnalová, provided to the Bratislava Regional Chamber the latest information in the field of industrial property protection of patents, designs and trade marks, and the Director of Receiving and Changes Department, Mgr. Peter Jaseňák, presented the applications electronic filing and subsequent filings.

## ECONOMY

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

In 2019, the IPO SR reached total non-tax revenues in the amount of **3,372,081.83 EUR**, while the majority of their fulfilment was from renewal fees – **2,644,009.12 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** increased by **155,748.46 EUR**. In the area of **administrative fees**, it was **decrease** by **47,181.32 EUR** to the total amount **1,011,078.47 EUR** compared to the previous year.

In the course of its activities in 2019, the Office drew funds mainly from the state budget as well as from the European Union. In

2019, the Office was involved in two projects that were financed from European Union funds, the CAF Project - Implementation and Support of Quality Management in Public Administration Organisations, and the Project - Reducing the Energy Intensity of the IPO SR Building.

The European Union budget for the implementation of national and international projects in 2019 was spent in the amount of **585,947.08 EUR**, of which **557,002.95 EUR** is currently drawn of the Project - Reducing the Energy Intensity of the IPO SR Building, and the amount of **28,944.13 EUR** is drawn on the project CAF - Implementation and Support of Quality Management in Public Administration organisations.

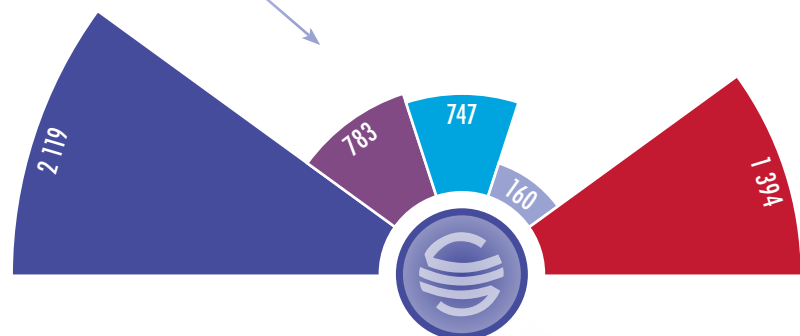
For 2019, the total expenditure was budgeted to **5,203,534.39 EUR** and drawn in the amount of **5,203,208.92 EUR**; out of which running expenses were in the amount of **3,809,562.38 EUR**, i.e. drawing to 100%; and capital expenditures were in the amount of **1,393,646.54 EUR**, i.e. drawing to 99.98%.

### Economic Results in the Year 2019

	in thousands EUR
<b>Chapter expenditure in total</b>	<b>5 203</b>
Out of which Running Expenses:	<b>3 809</b>
– Wages, salaries, service income and other personal refunds	<b>2 119</b>
– Insurance and employer's contributions	<b>783</b>
– Goods and services	<b>747</b>
– Current transfers	<b>160</b>
<b>Capital expenditure</b>	<b>1 394</b>



Index	in thousands EUR
Chapter income	<b>3 372</b>
Administrative fees	<b>1 011</b>
<b>Total income</b>	<b>4 383</b>



# 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 Organization 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 **135 Office employees** by December 31, 2019; 118 of them in the civil service; 17 in the public service. During the year, there were seven new employees. Six civil service employments or employments were terminated. Maternity and parental leaves as of December 31, 2019 were taken by four employees.

During the year, ten selection procedures were announced in connection with civil service positions including occupation of two management positions. Five selection procedures were completed successfully, including three external and two restricted internal selection procedures. One selection procedure

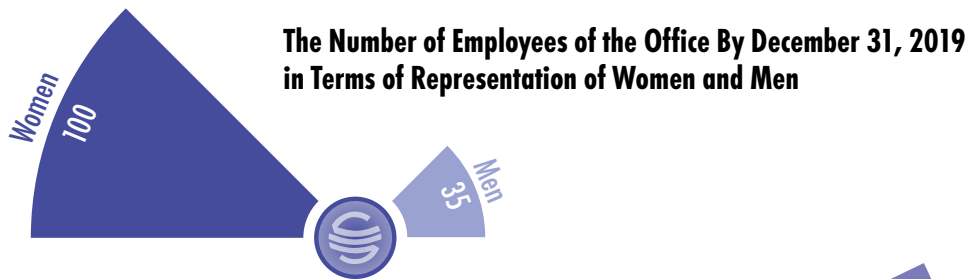
was cancelled because the ground to replace the civil servant in an occupied civil servant position ceased.

Also during 2019, the Office was represented at the international institute of the European Union. Three employees performed their duties as national seconded experts at the European Union Intellectual Property Office (EUIPO) by December 31, 2019.

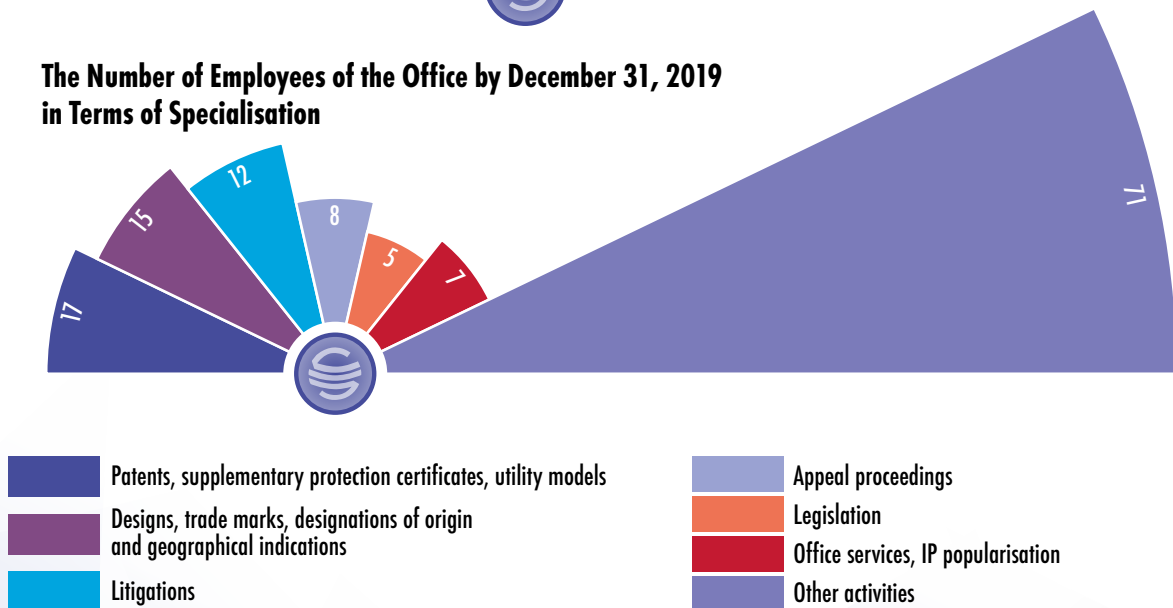
Annual collective agreement provides employees additional benefits beyond the scope prescribed by the law and the collective agreements of a higher degree, such as:

- 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.

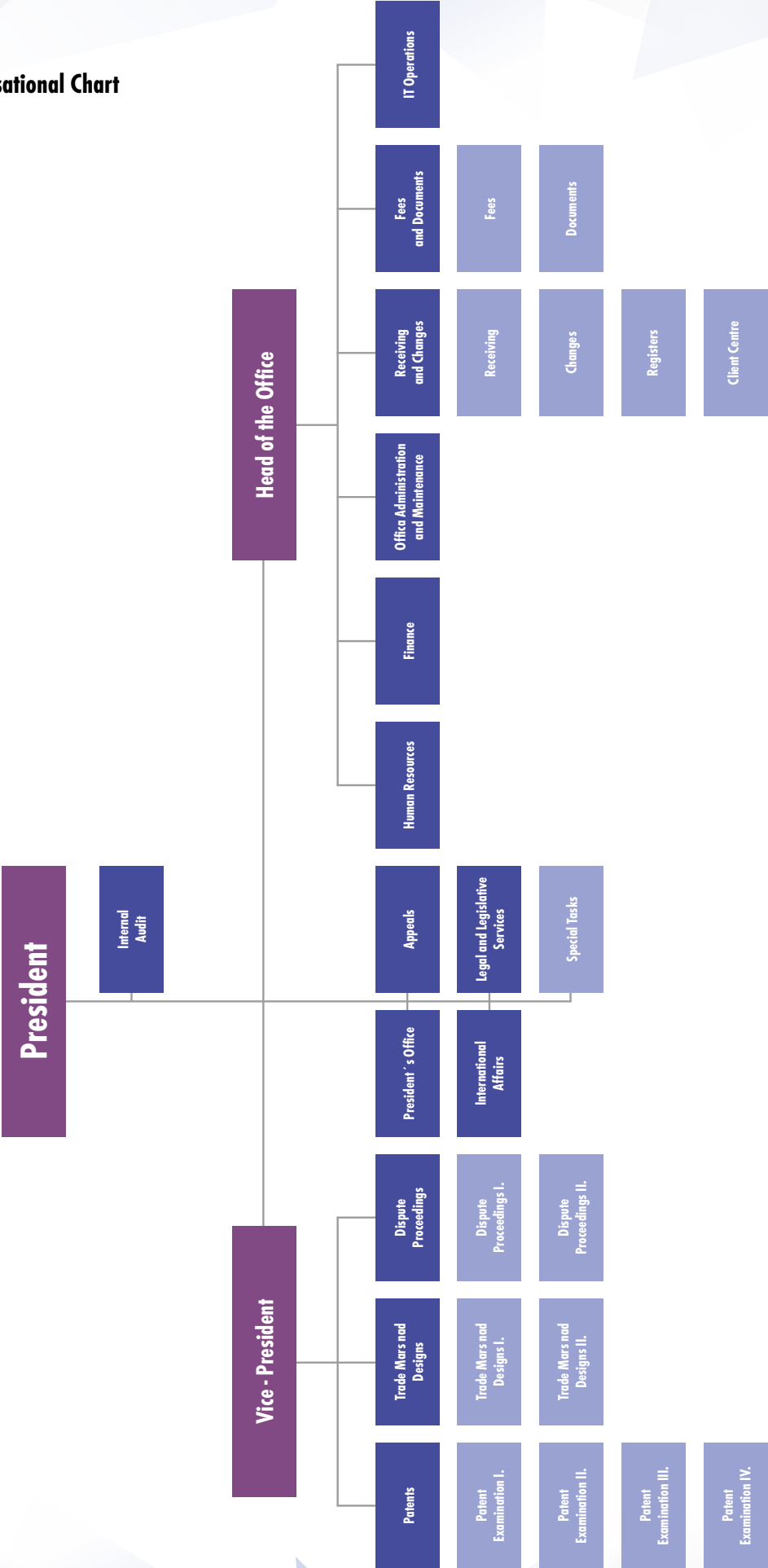
The management of the Industrial Property Office of the Slovak Republic continually adopts the measures necessary to fulfil the Civil Service Human Resources Management Strategy for 2015-2020, which concurrently improve all the Office's activities and outputs not only at national but also at international level.



**The Number of Employees of the Office by December 31, 2019  
in Terms of Specialisation**



# Organisational Chart





THE UNIQUE  
DESERVES  
PROTECTION



## **ANNEXES**

- 1. Patent Applications by the Country of Origin**
- 2. Patent Applications 2019 According to the International Patent Classification**
- 3. Patents by the Country of Origin**
- 4. Granted Patents 2019 According to the International Patent Classification**
- 5. Filed and Registered Utility Models by the Country of Origin**
- 6. Filed and Registered Utility Models 2019 According to the International Patent Classification**
- 7. Filed and Registered Designs by the Country of Origin**
- 8. Filed and Registered Trade Marks by the Country of Origin**
- 9. International Trade Marks by the Country of Origin**

**PATENT APPLICATIONS ACCORDING TO COUNTRY OF ORIGIN**

Country	National					PCT					Total				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Austria	7	1	2	0	0	0	0	0	0	0	7	1	2	0	0
Belgium	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1
Brasilia	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
Czechia	6	4	11	8	17	2	2	1	2	2	9	6	12	10	19
Germany	0	1	0	1	0	0	0	0	0	0	1	1	0	1	0
United Kingdom	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Switzerland	1	3	0	0	4	1	1	1	0	0	1	4	1	0	4
Italy	1	0	1	0	0	0	0	0	0	1	1	0	1	0	1
Japan	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0
Republic of Korea	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0
Malta	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Poland	2	0	1	0	3	1	0	0	0	0	3	0	1	0	3
Slovakia	228	218	183	216	205	2	2	0	1	1	228	220	183	217	206
Turkey	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0
Ukraine	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
United States of America	0	0	0	0	0	2	0	5	0	0	2	0	5	0	0
Foreign	18	11	16	12	24	4	4	7	2	4	28	15	23	14	28
<b>TOTAL</b>	<b>246</b>	<b>229</b>	<b>199</b>	<b>228</b>	<b>229</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>3</b>	<b>5</b>	<b>256</b>	<b>235</b>	<b>206</b>	<b>231</b>	<b>234</b>

## PATENT APPLICATIONS 2019 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION

Subject	Patent applications				MPT
	Domesic	Foreign	PCT	Total	
				%	
<b>I. Electrical engineering</b>					
1 Electrical machinery and apparatus, electrical energy	22	0	1	23	9,83
2 Audio-visual technology	2	0	0	2	0,85
3 Telecommunications	9	0	0	9	3,85
4 Information technology	12	0	0	12	5,13
5 Semiconductors	2	0	0	2	0,85
<b>II. Instruments</b>					
6 Optics	8	0	0	8	3,42
7 Analysis, measurement, control technology	29	0	0	29	12,39
8 Medical technology	2	0	0	2	0,85
9 Nuclear engineering	4	0	0	4	1,71
<b>III. Chemistry, pharmaceuticals</b>					
10 Organic fine chemistry	3	0	1	4	1,71
11 Macromolecular chemistry, polymers	2	1	0	3	1,28
12 Pharmaceuticals, cosmetics	2	1	0	3	1,28
13 Biotechnology	2	0	0	2	0,85
14 Agriculture, food chemistry	4	1	0	5	2,14
15 Chemical and petrol industry, basic materials chemistry	4	1	0	5	2,14
16 Surface technology, coating	0	0	0	0	0,00
17 Materials, metallurgy	5	12	1	18	7,69

**PATENT APPLICATIONS 2019 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION (continue)**

Subject	Patent applications				MPT
	Domestic	Foreign	PCT	Total	
<b>IV. Process engineering, special equipment</b>					
18 Chemical engineering	5	1	0	6	2,56
19 Materials processing, textiles, paper	7	1	0	8	3,42
20 Handling, printing	7	1	0	8	3,42
21 Agricultural and food processing, machinery and apparatus	3	0	0	3	1,28
22 Environmental technology	3	3	0	6	2,56
<b>V. Mechanical engineering, machinery</b>					
23 Machine tools	10	0	0	10	4,27
24 Engines, pumps, turbines	12	0	0	12	5,13
25 Thermal processes and apparatus	7	1	0	8	3,42
26 Mechanical elements	5	0	1	6	2,56
27 Transport	15	1	0	16	6,84
28 Space technology, weapons	1	0	0	1	0,43
<b>VI. Consumption</b>					
29 Consumer goods and equipment	9	0	1	10	4,27
30 Civil engineering, building, mining	9	0	0	9	3,85
<b>Total</b>	<b>205</b>	<b>24</b>	<b>5</b>	<b>234</b>	<b>100,0</b>

## PATENTS ACCORDING TO COUNTRY OF ORIGIN

Country	National					PCT					Total				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Austria	0	1	0	0	1	1	0	0	0	0	1	1	0	0	1
Belgium	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1
Bermuda	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
Czech Republic	6	10	10	7	7	1	3	0	3	1	7	13	10	10	8
Germany	3	0	0	1	0	2	5	2	1	0	5	5	2	2	0
France	0	0	0	0	1	1	2	1	0	0	1	2	1	0	1
United Kingdom	0	0	1	0	0	0	2	0	0	0	0	2	1	0	0
Hungary	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0
Switzerland	0	2	2	1	1	0	1	1	3	1	0	3	3	4	2
Italy	0	0	0	0	0	2	1	0	0	0	2	1	0	0	0
Japan	1	0	0	0	1	0	0	1	0	0	1	0	1	0	1
Republic of Korea	1	0	0	0	1	1	0	0	0	0	2	0	0	0	1
Luxembourg	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
Mexico	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
Netherlands	0	0	0	0	0	1	1	2	0	0	1	1	2	0	0
Poland	1	3	0	0	1	0	1	0	1	0	1	4	0	1	1
Russian Federation	1	0	0	0	1	0	2	0	0	0	1	2	0	0	1
Sweden	0	0	0	0	0	0	3	0	0	1	0	3	0	0	1
Slovakia	54	81	59	86	67	0	0	0	0	1	54	81	59	86	68
Taiwan	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Ukraine	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
United States of America	0	0	0	1	0	3	2	0	4	5	3	2	0	5	5
Foreign	14	16	13	10	14	14	25	10	13	9	28	41	23	23	23
<b>TOTAL</b>	<b>68</b>	<b>97</b>	<b>72</b>	<b>96</b>	<b>81</b>	<b>14</b>	<b>25</b>	<b>10</b>	<b>13</b>	<b>10</b>	<b>82</b>	<b>122</b>	<b>82</b>	<b>109</b>	<b>91</b>

## GRANTED PATENTS 2019 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION

Subject	Granted Patents				MPT	
	Domestic	Foreign	PCT	Total		%
I. Electrical engineering						
1 Electrical machinery and apparatus, electrical energy	6	1	0	7	7,69	
2 Audio-visual technology	0	0	0	0	0,00	
3 Telecommunications	3	0	0	3	3,30	
4 Information technology	8	1	0	9	9,89	
5 Semiconductors	0	0	0	0	0,00	
II. Instruments						
6 Optics	1	0	0	1	1,10	
7 Analysis, measurement, control technology	3	3	0	6	6,59	
8 Medical technology	1	1	1	3	3,30	
9 Nuclear engineering	0	0	0	0	0,00	
III. Chemistry, pharmaceuticals						
10 Organic fine chemistry	1	0	2	3	3,30	
11 Macromolecular chemistry, polymers	2	0	1	3	3,30	
12 Pharmaceuticals, cosmetics	1	0	3	4	4,40	
13 Biotechnology	0	0	0	0	0,00	
14 Agriculture, food chemistry	1	0	0	1	1,10	
15 Chemical and petrol industry, basic materials chemistry	2	1	1	4	4,40	
16 Surface technology, coating	2	0	0	2	2,20	
17 Materials, metallurgy	4	1	0	5	5,49	

F21; G05F; H01B, C, F, G, H, J, K, M, R, T; H02; H05B, C, F, K

G09F, G; G11B; H03F, G, J; H04N-003, -005, -009, -013, -015, -017, -019, -021, R, S

G08C; H01P, Q; H03B, C, D, H, K, L, M; H04B, H, J, K, L, M, N-001, -007, -011, Q, W

G06; G11C; G10L; G16Z

H01L, B81

G02; G03B, C, D, F, G, H; H01S

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

A61B, C, D, F, G, H, J, L, M, N

G01T; G21; H05G, H

C07C, D, F, H, J, K

C08B, F, G, H, K, L; C09D, J

A61K, A61P, A61Q

C07G; C12M, N, P, Q, R, S

A01H; A21D; A23B, C, D, F, G, J, K, L; C12C, F, G, H, J; C13D, F, J, K

A01N; C05; C07B; C08C; C09B, C, F, G, H, K; C10B, C, F, G, H, J, K, L, M, N; C11B, C, D

B05C, D; B32; C23; C25; C30

C01; C03C; C04; C21; C22; B22, B82

**GRANTED PATENTS 2019 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION (continue)**

Subject	Granted Patents				MPT	
	Domestic	Foreign	PCT	Total		%
IV. Process engineering, special equipment						
18 Chemical engineering	1	0	0	1	1,10	
19 Materials processing, textiles, paper	0	0	0	0	0,00	
20 Handling, printing	6	1	0	7	7,69	
21 Agricultural and food processing, machinery and apparatus	0	0	1	1	1,10	
22 Environmental technology	4	1	0	5	5,49	
V. Mechanical engineering, machinery						
23 Machine tools	11	1	0	12	13,19	
24 Engines, pumps, turbines	0	0	0	0	0,00	
25 Thermal processes and apparatus	2	0	0	2	2,20	
26 Mechanical elements	5	0	1	6	6,59	
27 Transport	0	1	0	1	1,10	
28 Space technology, weapons	2	0	0	2	2,20	
VI. Consumption						
29 Consumer goods and equipment	1	1	0	2	2,20	
30 Civil engineering, building, mining	0	1	0	1	1,10	
Total	67	14	10	91	100,0	

## FILED AND REGISTERED UTILITY MODELS ACCORDING TO COUNTRY OF ORIGIN

Country	Applications					Registered				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Austria	1	1	2	1	1	2	0	2	2	0
Bulgaria	0	0	1	0	0	0	0	0	0	1
Cyprus	0	0	0	0	0	0	1	0	0	0
Czechia	36	50	55	53	34	54	36	46	60	45
Germany	0	0	1	3	0	2	0	1	2	2
Spain	0	3	0	0	0	0	0	1	0	0
United Kingdom	2	1	1	1	0	0	0	1	1	1
Hungary	1	1	1	1	1	0	0	1	3	0
Switzerland	0	0	0	1	5	0	0	0	0	0
Israel	1	0	0	0	0	0	0	0	0	0
Italy	0	1	0	2	2	0	0	0	1	1
Republic of Korea	0	0	0	0	0	0	0	4	0	0
Luxembourg	1	0	0	0	0	0	1	0	0	0
Latvia	0	0	1	0	0	0	0	0	1	0
Malta	0	1	0	0	0	0	0	0	0	0
Poland	0	0	4	3	1	1	0	3	3	1
Russian Federation	5	0	0	1	0	1	3	2		1
Seychelles	0	0	0	1	0	0	0	0	0	1
Sweden	0	0	1	0	0	0	0	0	0	0
<b>Slovakia</b>	<b>372</b>	<b>300</b>	<b>343</b>	<b>320</b>	<b>281</b>	<b>261</b>	<b>322</b>	<b>246</b>	<b>262</b>	<b>267</b>
Turkey	0	1	0	0	0	0	0	0	0	1
Ukraine	0	0	2	1	0	1	0	0	2	1
Foreign	47	59	69	68	44	61	41	61	75	55
<b>TOTAL</b>	<b>419</b>	<b>359</b>	<b>412</b>	<b>388</b>	<b>325</b>	<b>322</b>	<b>363</b>	<b>307</b>	<b>337</b>	<b>322</b>



## APPLICATIONS AND REGISTERED UTILITY MODELS 2019 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION

Subject	Applications				Registered			MPT	
	Domestic		Foreign		Total	Domestic	Foreign		Total
<b>I. Electrical engineering</b>									
1 Electrical machinery and apparatus, electrical energy	19	4	23	7,08	13	1	14	4,35	F21; G05F; H01B,C,F,G,H,J,K,M, R,T; H02; H05B,C,F,K
2 Audio-visual technology	3	0	3	0,92	3	1	4	1,24	G09F,G; G11B; H03F,G,J; H04N-003,-005,-009,-013,-015,-017,-019,-021, R,S
3 Telecommunications	4	2	6	1,85	3	0	3	0,93	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	0	9	2,77	4	0	4	1,24	G06; G11C; G10I; G16Z
5 Semiconductors	0	0	0	0,00	0	0	0	0,00	H01L, B81
<b>II. Instruments</b>									
6 Optics	7	0	7	2,15	4	1	5	1,55	G02; G03B,C,D,F,G,H; H01S
7 Analysis, measurement, control technology	31	1	32	9,85	34	3	37	11,49	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	7	4	11	3,38	7	4	11	3,42	A61B,C,D,F,G,H,J,L,M,N
9 Nuclear engineering	4	0	4	1,23	1	0	1	0,31	G01T; G21; H05G,H
<b>III. Chemistry, pharmaceuticals</b>									
10 Organic fine chemistry	0	0	0	0,00	1	0	1	0,31	C07C,D,F,H,J,K
11 Macromolecular chemistry, polymers	2	2	4	1,23	2	2	4	1,24	C08B,F,G,H,K,L; C09D,J
12 Pharmaceuticals, cosmetics	0	0	0	0,00	2	0	2	0,62	A61K, A61P, A61Q
13 Biotechnology	0	0	0	0,00	2	0	2	0,62	C07G; C12M,N,P,Q,R,S
14 Agriculture, food chemistry	5	1	6	1,85	3	1	4	1,24	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	1	6	1,85	4	1	5	1,55	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	0	1	0,31	4	1	5	1,55	B05C,D; B32; C23; C25; C30
17 Materials, metallurgy	3	1	4	1,23	5	1	6	1,86	C01; C03C; C04; C21; C22; B22, B82

**APPLICATIONS AND REGISTERED UTILITY MODELS 2019 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION (continue)**

Subject	Applications			Registered			MPT	
	Domestic	Foreign	Total	%	Domestic	Foreign		Total
IV. Process engineering, special equipment								
18 Chemical engineering	9	1	10	3,08	8	1	9	2,80
19 Materials processing, textiles, paper	7	1	8	2,46	7	0	7	2,17
20 Handling, printing	11	3	14	4,31	20	3	23	7,14
21 Agricultural and food processing, machinery and apparatus	8	0	8	2,46	5	1	6	1,86
22 Environmental technology	3	3	6	1,85	9	0	9	2,80
V. Mechanical engineering, machinery								
23 Machine tools	18	0	18	5,54	15	1	16	4,97
24 Engines, pumps, turbines	12	0	12	3,69	12	2	14	4,35
25 Thermal processes and apparatus	23	2	25	7,69	11	2	13	4,04
26 Mechanical elements	19	3	22	6,77	15	4	19	5,90
27 Transport	29	5	34	10,46	26	3	29	9,01
28 Space technology, weapons	3	1	4	1,23	9	0	9	2,80
VI. Consumption								
29 Consumer goods and equipment	24	1	25	7,69	23	2	25	7,76
30 Civil engineering, building, mining	15	8	23	7,08	15	20	35	10,87
Total	281	44	325	100	267	55	322	100

### FILED AND REGISTERED DESIGNS ACCORDING TO COUNTRY OF ORIGIN

Country	Applications					Registered				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Czechia	5	5	8	2	9	5	4	6	7	3
Germany	0	5	1	1	8	0	0	5	1	8
France	3	5	1	3	2	3	0	6	3	0
Switzerland	1	0	0	0	0	0	1	0	0	0
Italy	0	0	0	2	0	0	0	0	2	0
Netherlands	0	0	1	0	0	0	0	1	0	0
Sweden	2	71	15	0	0	0	21	56	11	0
<b>Slovakia</b>	<b>84</b>	<b>82</b>	<b>118</b>	<b>111</b>	<b>90</b>	<b>85</b>	<b>77</b>	<b>79</b>	<b>107</b>	<b>89</b>
Turkey	0	0	1	0	0	0	0	1	0	0
Ukraine	0	0	0	0	0	1	0	0	0	0
Foreign	11	86	27	8	19	9	26	75	24	11
<b>TOTAL</b>	<b>95</b>	<b>168</b>	<b>145</b>	<b>119</b>	<b>109</b>	<b>94</b>	<b>103</b>	<b>154</b>	<b>131</b>	<b>100</b>

### FILED AND REGISTERED TRADE MARKS ACCORDING TO COUNTRY OF ORIGIN

Country	Applications					Registered				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
United Arab Emirates	1	0	0	4	3	0	1	0	0	2
Austria	5	10	9	3	4	4	7	1	4	6
Belgium	3	2	0	2	1	2	2	0	1	1
Canada	1	0	4	6	3	3	1	0	1	8
China	12	11	3	5	9	5	13	5	4	7
Cyprus	4	37	5	31	6	4	7	26	21	16
Czechia	509	338	390	282	327	385	358	279	331	280
Germany	29	41	39	17	25	37	31	29	25	21
Denmark	3	3	0	3	2	3	3	1	0	3
Spain	1	2	3	2	3	0	0	2	3	2
Finland	1	3	0	1	0	0	2	0	2	0
France	12	18	19	13	19	14	15	11	17	17
United Kingdom	16	16	11	11	12	11	12	8	6	13
The Hong Kong Special Administrative Region of the People's Republic of China	2	1	1	0	1	0	2	0	1	0
Croatia	2	14	6	3	1	0	7	8	6	0
Hungary	7	5	1	0	8	8	6	2	1	0
Switzerland	38	34	21	12	20	34	29	26	17	17
Ireland	1	0	3	0	0	1	0	0	3	0
Israel	0	2	1	1	0	0	0	2	1	1
India	3	1	0	0	0	2	1	1	0	0
Italy	1	7	6	3	2	1	4	1	4	0

**FILED AND REGISTERED TRADE MARKS ACCORDING TO COUNTRY OF ORIGIN (continue)**

Country	Applications					Registered				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Japan	3	2	3	3	3	0	4	1	3	5
Republic of Korea	8	55	8	4	18	17	4	25	8	6
Luxembourg	4	5	10	8	3	3	3	2	1	9
Malta	0	0	3	1	11	2	0	0	3	7
Netherlands	16	17	12	8	4	19	20	9	9	10
Panama	2	0	0	0	0	6	2	0	0	0
Poland	39	14	17	18	14	4	35	7	17	20
Portugal	1	3	2	0	0	0	2	2	0	0
Romania	0	0	7	2	2	0	0	4	3	1
Russian Federation	1	1	1	2	0	3	1	0	2	1
Sweden	1	1	1	1	2	0	1	1	1	0
<b>Slovakia</b>	<b>2 541</b>	<b>2 480</b>	<b>2 327</b>	<b>2 233</b>	<b>2 314</b>	<b>1 994</b>	<b>2 174</b>	<b>1 595</b>	<b>1 962</b>	<b>2 106</b>
Thailand	0	5	0	0	0	0	5	0	0	0
Turkey	3	3	7	0	8	0	6	4	3	1
Ukraine	0	2	2	2	0	0	0	4	0	1
United States of America	41	47	31	46	46	45	35	39	21	51
Virgin Islands (British)	0	0	0	3	3	0	0	0	2	0
other	9	22	9	7	4	13	13	12	6	2
<b>Foreign</b>	<b>779</b>	<b>722</b>	<b>635</b>	<b>504</b>	<b>564</b>	<b>626</b>	<b>632</b>	<b>512</b>	<b>527</b>	<b>508</b>
<b>TOTAL</b>	<b>3 320</b>	<b>3 202</b>	<b>2 962</b>	<b>2 737</b>	<b>2 878</b>	<b>2 620</b>	<b>2 806</b>	<b>2 107</b>	<b>2 489</b>	<b>2 614</b>

## INTERNATIONAL TRADE MARKS ACCORDING TO COUNTRY OF ORIGIN

Country	2015	2016	2017	2018	2019
Austria	52	61	70	30	37
Australia	3	2	3	2	3
Bulgaria	14	15	51	40	75
Benelux	39	31	32	43	36
China	111	128	226	443	269
Czechia	88	71	112	57	81
Germany	141	125	169	120	127
Denmark	3	0	2	1	3
Spain	17	13	11	7	5
Finland	3	1	0	1	1
France	121	74	67	78	89
United Kingdom	32	13	19	10	11
Greece	2	1	2	2	3
Croatia	16	10	14	9	9
Hungary	155	49	25	82	55
Switzerland	72	54	73	70	45
Iran (Islamic Republic of)	1	2	1	2	1
Italy	53	31	33	42	34
Japan	13	4	12	2	17
Liechtenstein	5	10	6	1	2
Lithuania	4	0	3	1	0
Latvia	6	1	8	1	15
Norway	4	2	4	0	3
Poland	48	43	47	35	74
Portugal	10	5	9	2	6
Romania	7	5	5	8	2
Russian Federation	110	63	127	163	104
Sweden	2	0	2	1	3
Slovenia	25	19	39	15	21
Turkey	107	66	82	71	45
Ukraine	73	48	56	59	44
United States of America	112	51	48	45	47
Other	95	147	57	128	90
<b>TOTAL</b>	<b>1 544</b>	<b>1 145</b>	<b>1 415</b>	<b>1 571</b>	<b>1 357</b>



INDUSTRIAL PROPERTY OFFICE  
OF THE SLOVAK REPUBLIC

## ANNUAL REPORT 2019

**Published:**

**© Industrial Property Office of the Slovak Republic 2020**

**Industrial Property Office of the Slovak Republic**

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ISBN 978-80-88994-94-7



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