

The European Patent Office

Facts and Figures



Who am I?

- § Dominique Winne (BE)
- § Ph.D. in Image Communication
- § Joined EPO in 2004 as patent examiner
- § technical field:
 - H04N1/38-64 (colour correction/halftoning)
 - G06K9 (pattern recognition)
- \S chairman of examining divisions coach instructor

European Patent Office

What is the European Patent Office?

- Other markets, e.g. the US, have one patent office 1 fee for all states
- · Each European country has a patent office, each requiring fees

§ Why does it exist?

 To provide a single procedure for the grant of patents for its member states

§ How does it exist?

- It is an intergovernmental organisation
- The European Patent Convention (EPC) sets outs its rules of function and administration
- It is financed through the income it generates from fees, not taxes

European Patent Office

Structure of the European Patent Organisation European Patent Organisation 1 European Patent Office **Administrative Council** The legislative body The executive body § is made up of delegates § is responsible for from the member states searching, examining, § supervises the activities publishing patent of the Office applications and post-§ appoints the President examination activities § votes on the Office's budget European Patent Office

The functions of the European Patent Office



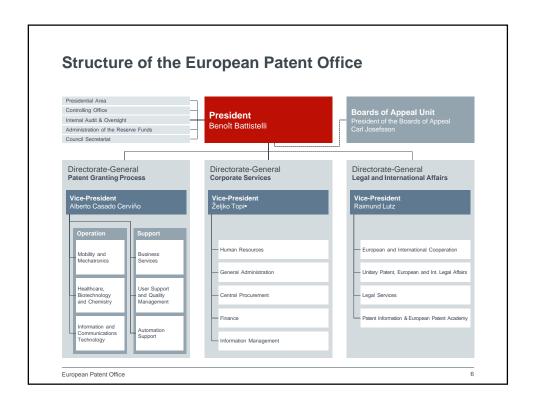
§ We provide patents with protection

- for up to 38 EPO member states, 2 extension and 2 validation states
- based on a single application

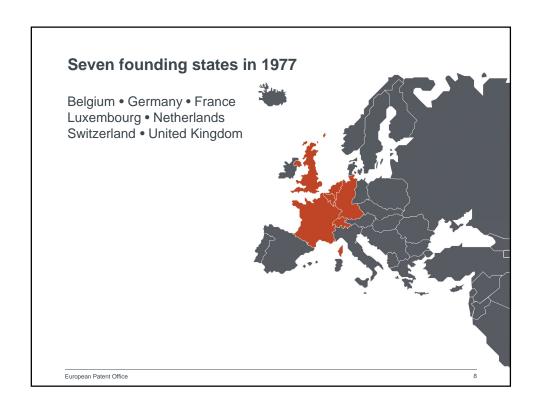
§ We are also responsible for

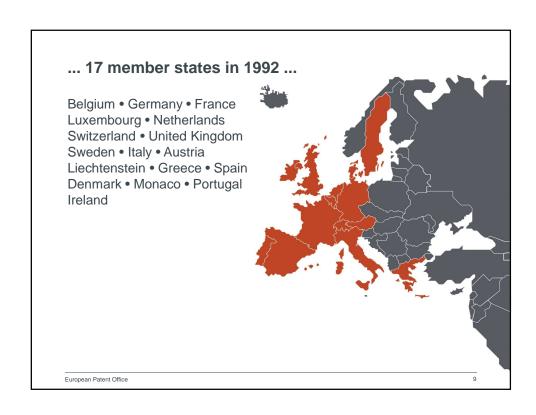
- limitation and revocation proceedings by patentees
- · opposition proceedings by third parties
- appeal proceedings before the boards of appeal
- the European Patent Academy
- § The EPO makes all patent documents available to the public

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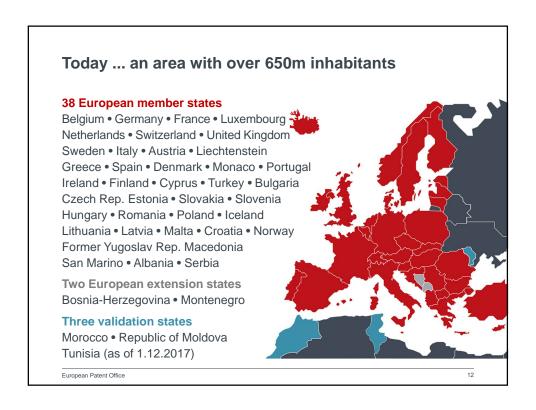




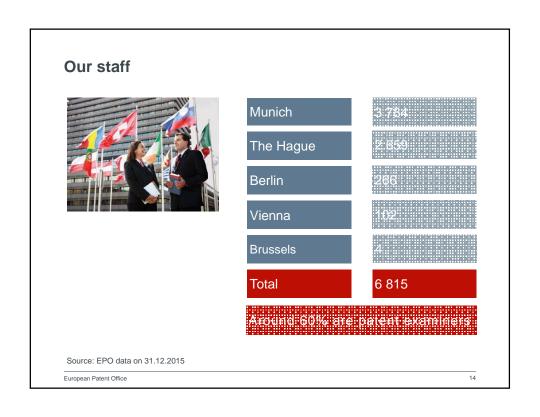












Our staff: a multicultural working environment



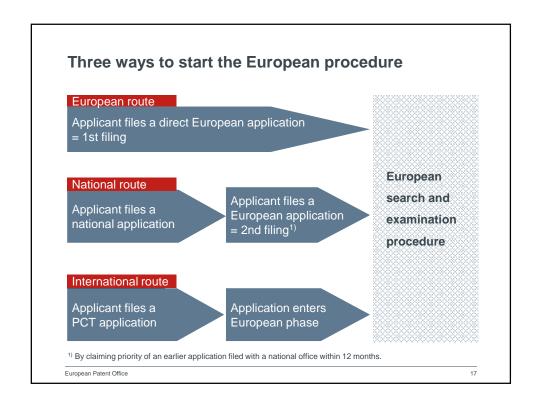
§ Over 30 different nationalities

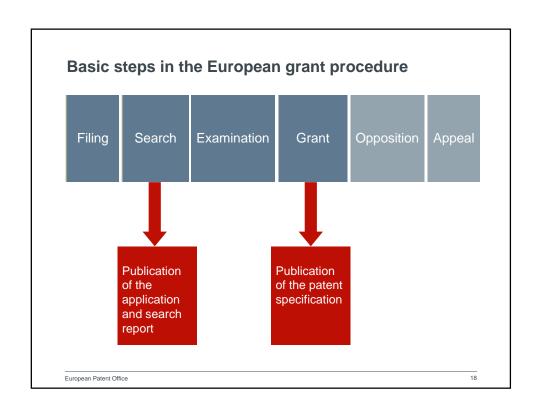
- § Three languages for working in and for communicating with applicants:
 - English
 - French
 - German

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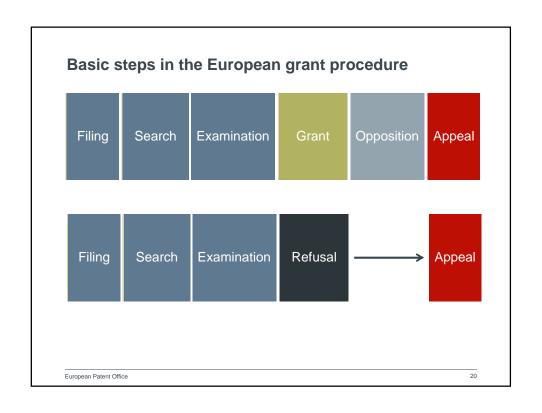
Three possible routes to file a patent

National	European	International
National offices	European Patent Office	International Bureau
	or	or
	national offices	European Patent Office
		or
		national offices
One country	Up to 38 countries + 2 extension states +	Up to 148 countries
	2 validation states	
Applications are filed with the relevant national office and are valid for that state only	One single application in DE/EN/FR for all EPC contracting states	An international patent procedure, not an international patent
	Same legal effects as national patents	After the international phase, applicants can choose to enter the national/regional phase in various states
	One country Applications are filed with the relevant national office and are	National offices European Patent Office or national offices Up to 38 countries + 2 extension states + 2 validation states Applications are filed with the relevant national office and are valid for that state only Same legal effects as









Opposition



- § Any person may oppose a European patent within nine months of its publication.
- § In 70% of opposition decisions, the patent is upheld either as granted or in amended form.

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Appeal



§ Appeals against decisions taken during grant and opposition proceedings are decided on by the EPO's independent boards of appeal.

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The EPO also processes international (PCT) applications



- § We act as a receiving office for international applications (PCT)
- § We carry out approximately:
 - 38% of all international search procedures
 - 56% of all international preliminary examinations
- § The EPO delivers the international search report within 3 months*

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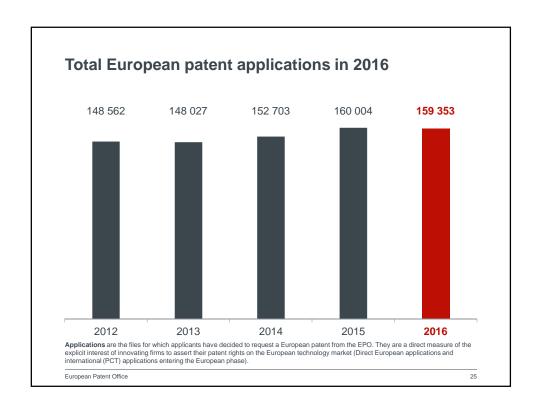
Operational core activities in the grant procedure: Statistics 2016

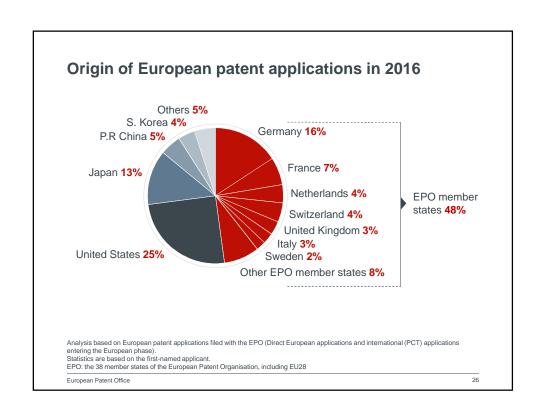
Filing	Search	Examination	Grant	Opposition	Appeal	
296,227 1)	244,689 4)	147,119 ¹⁾	95,940	4,102 3)	2,229 3)	
159,353 ²⁾	133,544 ²⁾	137,939 ²⁾				

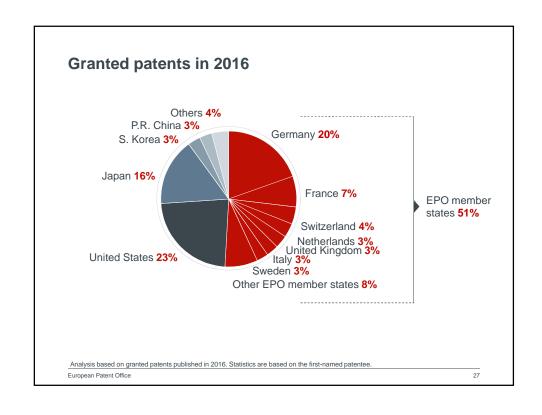
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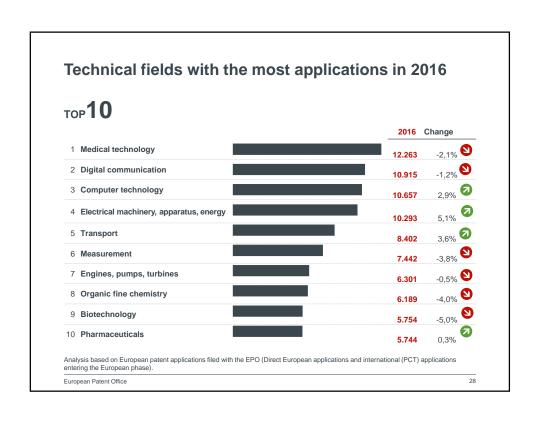
^{*} From the date of receipt of the application by the International Searching Authority.

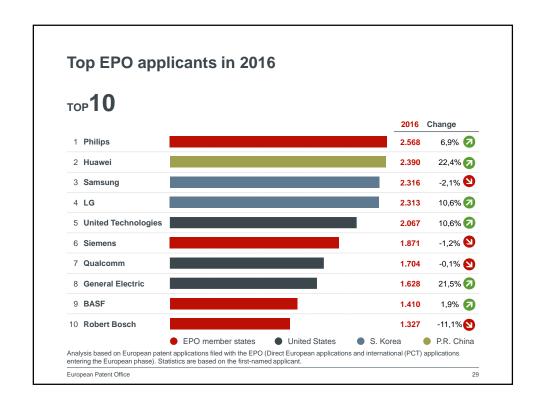
 $^{^{1)}}$ Direct European filings under the EPC and international filings under the PCT $^{2)}$ European applications $^{3)}$ Completed decisions $^{4)}$ European, PCT and searches on behalf of national offices and third parties (Source: Annual report 2016)

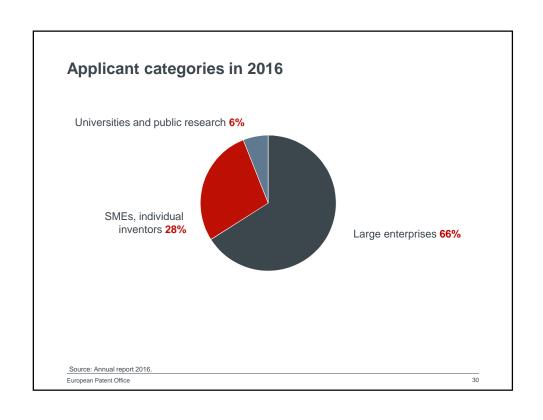


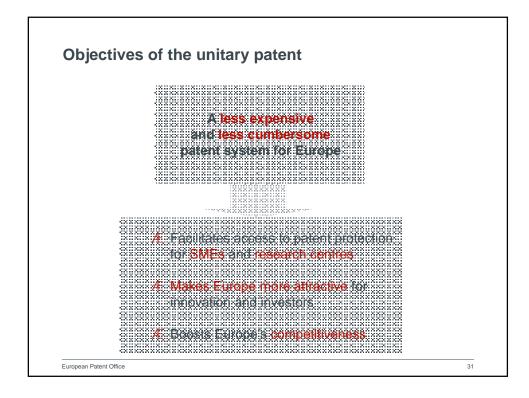


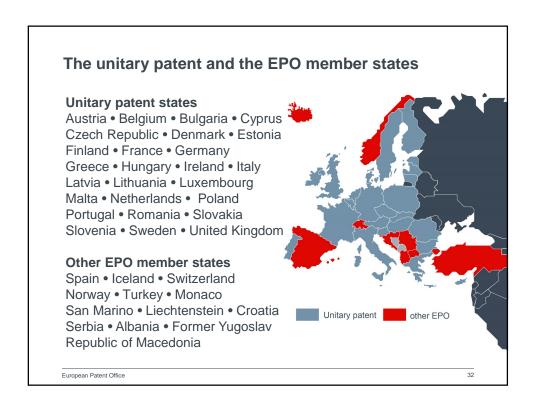












Basic principles of the unitary patent

- § Based on a European patent granted by the EPO under the EPC
- § Unitary effect extends to the 26 EU member states currently participating, at the patent proprietor's request
- § Registered by the EPO in one single administrative step
- § An additional option for patent proprietors, alongside the existing European and national patent systems
- § Can be combined with the European patent to cover up to 40 European countries
- § Uniform litigation system

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Concrete benefits

- § Protection in one single step for the 26 states currently participating
- § Simplified registration procedure instead of 26 different validations
- § Simplified and cost-effective renewal fee payment
- § No post-grant translation required (after initial transition period)
- § Centralised register maintained by the EPO
- § Uniform litigation system affording greater legal certainty

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Language arrangements for post-grant translations

- § For a transitional period of up to 12 years:
 - If the patent is granted in French or German, a translation into English will be required
 - If the patent is granted in English,
 a translation into one of any of the EU languages will be required
- § At the end of the transitional period:
 - No translation required anymore
- § Patent Translate is providing machine translation in 32 languages, free of charge

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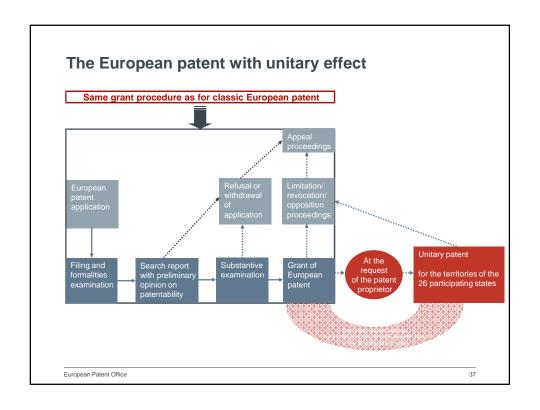
Language arrangements for applications



Translation costs will be reimbursed

- § for SMEs, universities, public research organisations from the EU
- § if the application is filed in an EU language other than English, French or German

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When will it all start?

- § European applications already "in the pipeline" today might be given unitary effect if granted after the system starts
- § Minimum of 13 states including GB, France & Germany must ratify the Agreement on a Unified Patent Court before the unitary patent system comes into effect



§ First unitary patents will cover only the states which have ratified the UPC Agreement, then more as states accede

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Time to watch an online video!



Watch a film about the EPO

§ via the EPO website: https://www.youtube.com/user/EPOfilms

§ via Youtube:

https://www.youtube.com/watch?v=YJKpyid60qk

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We are recruiting engineers and scientists



Working as a patent examiner

Who can apply?

Engineers and scientists who are nationals of EPO member states and who have the necessary language skills

In which technical fields?

Opportunities exist in a whole range of technical fields

More information on www.epo.org/jobs

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Thank you for your attention!

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