



What is patent?
 A patent is a set of exclusive rights granted by a state to a patentee (the inventor or assignee)
 Exclude others from selling, manufacturing, importing and using a patent protected invention
 A patent is valid for a limited period of maximum 20 years
 A patent is a national right being valid in a limited territory

 For that reason Patent rights have to be applied for in each country where a patent right is required.

What is patent?

Public disclosure of certain details of a device, method, process or composition of matter (substance) (known as an invention) which is new, inventive, and useful or industrially applicable

Contract Between the Public and the Patent Holder

The patent holder obtains

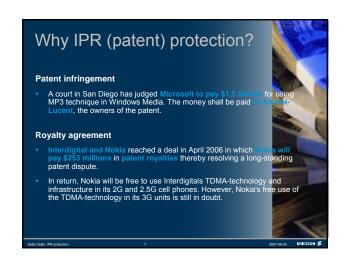
exclusive right

This right is specified in the claims part of the patent

The public can obtain

information about the invention and how it works

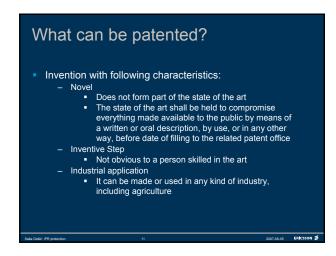
This is specified in the description part of the patent













Software patent debate In USA: Computer software and data structures can be considered patentable if the invention utilizes the computer to manipulate numbers that represent concrete, real world values then the invention is a process relating to those real world concepts and is patentable. There is explicitly stated that business methods can form patentable subject matter Mathematical algorithms implemented in software cannot be patented. Main restrictions are that software or data structure is operated upon by a computer processor and that it is stored on a computer readable media In Europe: ope: computer-implemented inventions which only solve a business problem using a computer, rather than a technical problem, are considered unpatentable as lacking an inventive step invention which makes a non-obvious "technical contribution" or solves a "technical problem" in a non-obvious way is patentable even if a computer program is used in the invention. It the fact that an invention is useful in business does not mean it is not patentable if it also solves a technical problem

Legal proceedings

- Application
 - Patent application consists of:
 - a request for grant
 - a description of the invention Claims

 - drawings (if any) an abstract
- Filing and formalities examination
 - This involves checking that all the necessary information has been provided so that the application can be assigned a filing
- Publication of the application
 - In normal case the application is published 18 months after the date of filing

Legal proceedings

- Substantive examination
 - After the request for examination has been made, the Patent Office examines whether the patent application and the invention meet the requirements and whether a patent can be granted
- The grant of a patent
 - If the examining division decides that a patent can be granted, it issues a decision to that effect.
- Opposition
 - After the patent has been granted, it may be opposed by third parties (competitors) if they believe that it should not have been granted
- - Decisions of the Patent Office, refusing an application or in opposition cases, are open to appeal

The Description of a Patent Technical Field of Invention Description of Related Art Prior ArtTechnical Problem with Prior Art Summary How the invention solves the problem The claims in a readable manner Advantages of the invention Brief Description of the Drawings Detailed Description of Embodiments EnablementInterpreting the ClaimsReferring to drawings

Types of examination

- Full examination
 - There is examined whether the patent application satisfies basic rules regarding novelty, inventive step and industrial application
- Based on given results of full examination
 - If the same patent application is submitted in some other country with which the patent office has agreement about
- Without full examination (consensual)
 - No full examination is performed
 - Cheaper and quicker approval

 - Patent rights are given for period of up to 10 years When somebody finds proofs of invalidity of the patent, he is entitled to charge an examination fee from the patentee

Costs and fees (full examination)

- Cost and fees can vary a lot depending on number of countries the patent is submitted, number of claims, number of pages, legal cost (patent attorney)...
- Here are just some basic calculations for typical case when full examination of a patent is requested:

 - Local (Croatia)
 Procedural costs ~ 5.400 kn
 Renewal fees (320 6.900 kn per year) for 20 years ~ 40.000 kn
 The fees and costs are reduced by 75% if submitter of a patent is also inventor of the patent

