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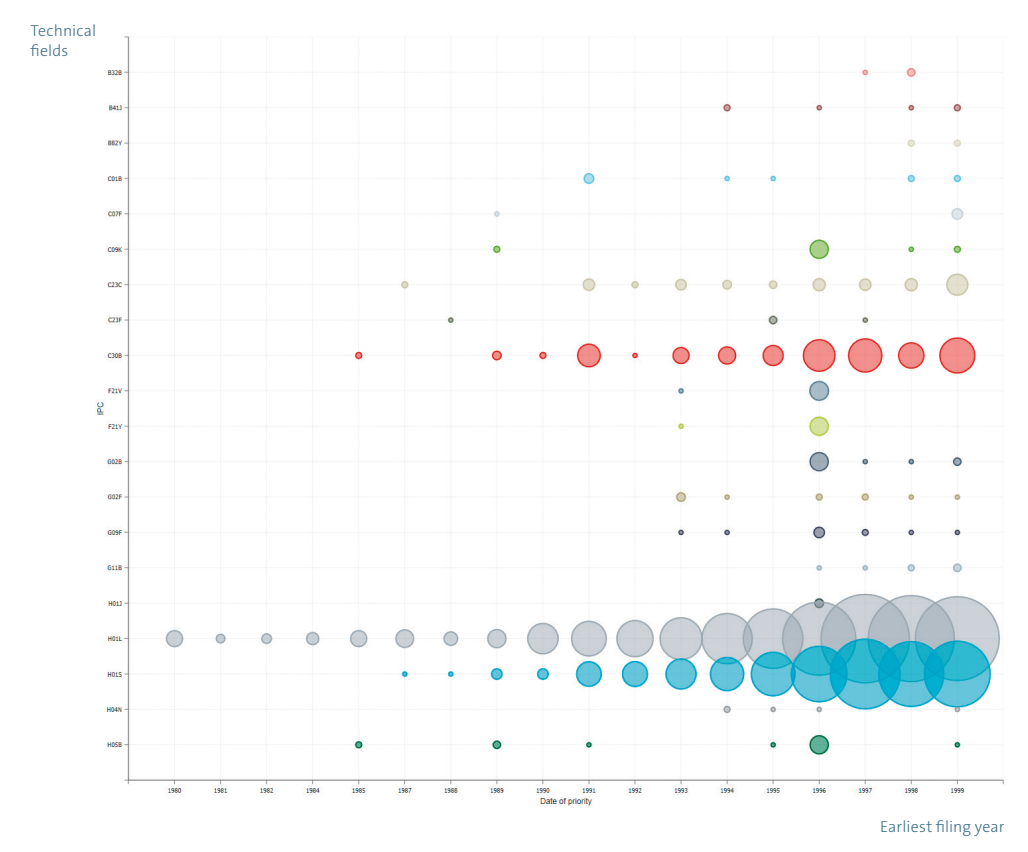
The PATSTAT product line

Discover the fascination of patent data

Bubbles. Lines. Colours. It is often said that a picture can paint a thousand words. The same is true for patent data. You can use graphics to gain insights into patents, predict trends in specific technologies and identify your competitors' patenting strategies.

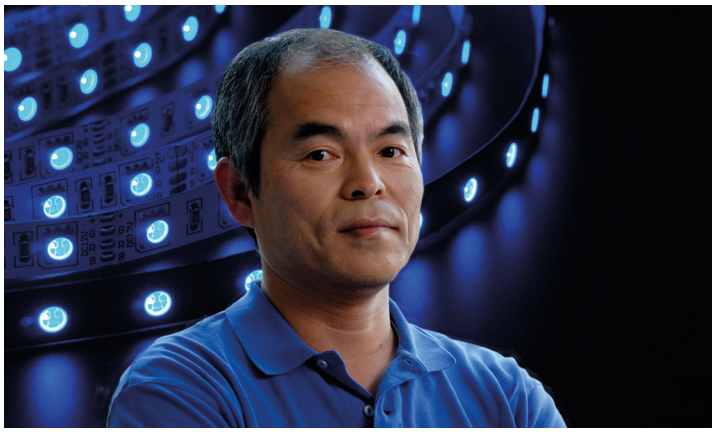
The PATSTAT product line from the EPO will help you do this.



Shuji Nakamura invented the blue light-emitting diode. His invention was so important that he was a finalist for the European Inventor Award and the 2014 winner of the Nobel Prize in Physics. It also triggered a whole new area of innovation, as shown by the graphic on this page.

You can create graphics like the one shown above, using the databases in the PATSTAT product line from the European Patent Office.

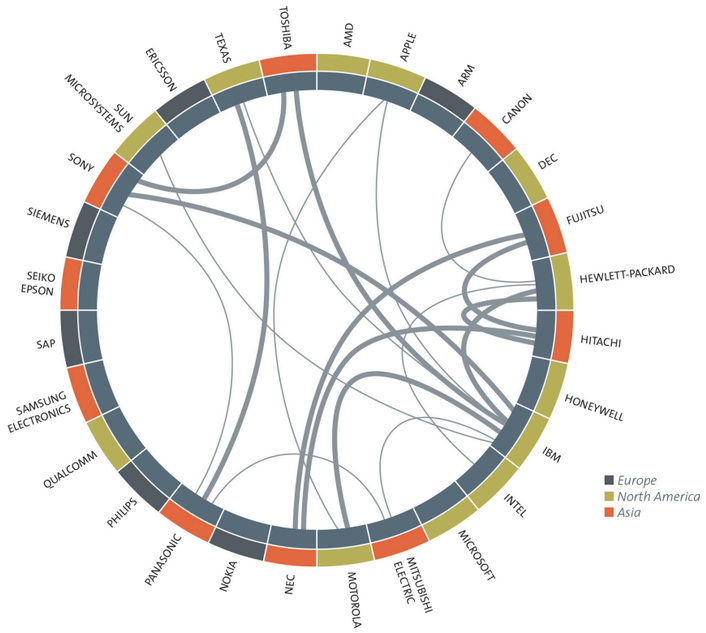
The PATSTAT product line offers you all you need to expand your patent-searching horizons and reveal information hidden up to now in the mass of data.



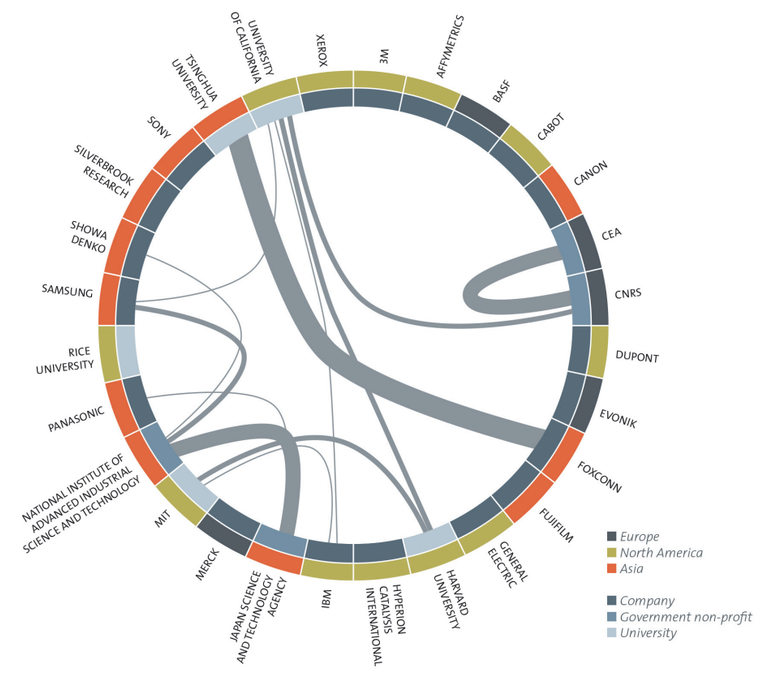
The PATSTAT product line – helping you to get the bigger view and stay ahead

Especially formatted for statistical work, the PATSTAT product line makes it possible for you to perform your own analyses on patent data. Previously patent analytics were the realm of a few specialists. With PATSTAT and a bit of practice, anyone used to searching for patents can produce meaningful results.

PATSTAT offers worldwide coverage of 100 million patents and, optionally, 200 million legal status records. With it, you can:
- find out more about what your competitors are up to
- identify emerging technologies at an early stage
- understand the dynamics of evolving technical fields
- identify possible business partners
- identify potential markets for your products and your technologies
- gain an understanding of the significance of a particular patent or a patent portfolio.

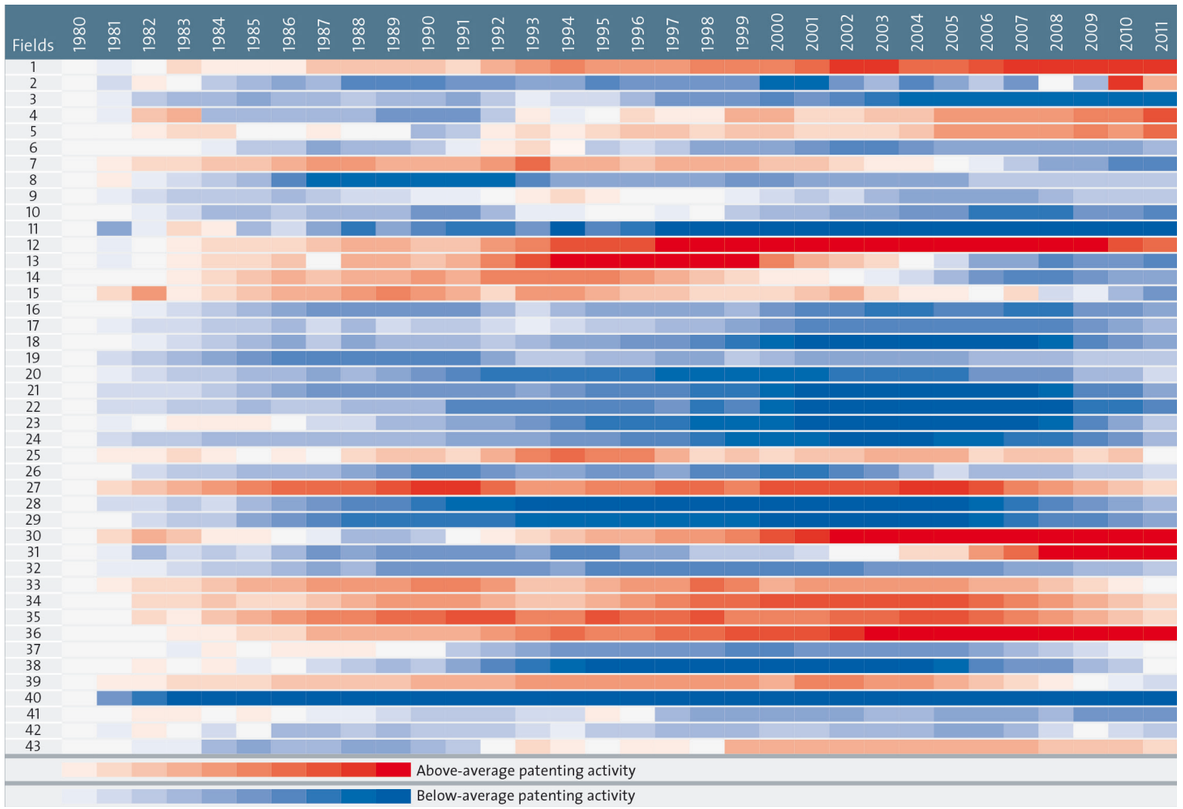


It is possible to use patent statistics to analyse patterns of collaboration. The graphical illustrations shown with this article were created using PATSTAT. The first wheel shows the top 28 applicants worldwide in the field of G06F9 (arrangements for programme control, e.g. control unit) distributed around its rim; the second wheel, the top 25 applicants in the field of B82Y30 (nano-technology for materials or surface science, e.g. nano-composites). Whenever two applicants file a patent together, they are linked by a line joining them within the wheel, and the more often they are co-applicants, the thicker the line is.



> The chart on this page takes all the data in the PATSTAT database from 1980 onwards and divides it up into the 43 sectors widely used in macroeconomics. Starting with normalised data for 1980, the red areas show above-average patenting activity in a given year, and the blue areas show below average patenting activity; the deeper the colour, the greater the deviation is from the average.

Patent activity by sector, normalised to 1980



1 Food, beverages
2 Tobacco products
3 Textiles
4 Wearing apparel
5 Leather articles
6 Wood products
7 Paper
8 Petroleum products, nuclear fuel
9 Basic chemical
10 Pesticides, agro-chemical products
11 Paints, varnishes
12 Pharmaceuticals
13 Soaps, detergents, toilet preparations
14 Other chemicals
15 Man-made fibres
16 Rubber and plastics products
17 Non-metallic mineral products
18 Basic metals
19 Fabricated metal products
20 Energy machinery
21 Non-specific purpose machinery
22 Agricultural and forestry machinery
23 Machine-tools
24 Special purpose machinery
25 Weapons and ammunition
26 Domestic appliances
27 Office machinery and computers
28 Electric motors,generators, transformers
29 Electric distribution, control, wire, cable
30 Accumulators, battery
31 Lightening equipment
32 Other electrical equipment
33 Electronic components
34 Signal transmission, telecommunications
35 Television and radio receivers, audiovisual electronics
36 Medical equipment
37 Measuring instruments
38 Industrial process control equipment
39 Optical instruments
40 Watches, clocks
41 Motor vehicles
42 Other transport equipment
43 Furniture, consumer goods

Online or offline – you have the choice

The PATSTAT product line is available as a set of databases that you can upload to your computer or as an online service.

PATSTAT Offline

- Data downloaded to your computer
- Full control of the search and analysis
- Performance not dependent on connection quality
- Flexibility to use the data as you wish
- Freedom to combine the data with data from other sources

PATSTAT Online

- Data downloaded to your computer
- User-friendly interface for your analysis
- Automatically updated

Key facts about PATSTAT

PATSTAT contains bibliographical and legal status patent data from leading industrialised and developing countries. Extracted from the EPO's databases, it has been formatted especially statistical work.

– 100 million patents from 90 patent authorities
– Formatted specifically for patent analysis
– Available online or as a complete database
– Updates twice yearly (in ~~April~~ and ~~October~~)

PATSTAT biblio
- 100 million patent records
- 90 patent issuing authorities
- Mid-19th century up to today

PATSTAT legal
- 200 million legal status records
- 45 patent issuing authorities

PATSTAT register
- Legal status and procedural data on European (EP) patents only
- Data indexed by a wide range of criteria

PATSTAT Online
- Same data as PATSTAT biblio, PATSTAT legal and PATSTAT register
- Access via online interface
- Data retrieval using SQL command language
- Simple graphical presentation of the results
- Data exportable in CSV and MS-Access formats

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