

## PATENT LANDSCAPE SEARCH

A patent landscape search can provide a thorough analysis of the Prior Art of a given technical discipline, however, at Questel we can make those results come alive, to provide a better understanding of the market and the players involved.

While most services just provide you the raw data as a result of the search, Questel can take that data and transform it into, easily read and understood graphs and slides. Visually see the companies, where they file and the amount of filings for a given technology. We can even provide graphs showing the average age of a company's patents or portfolio to gauge their strength and weaknesses.

With concise and accurate information, you can make better decisions concerning potential portfolios to acquire, or potential infringers to pursue, or even uncover potential growth markets.

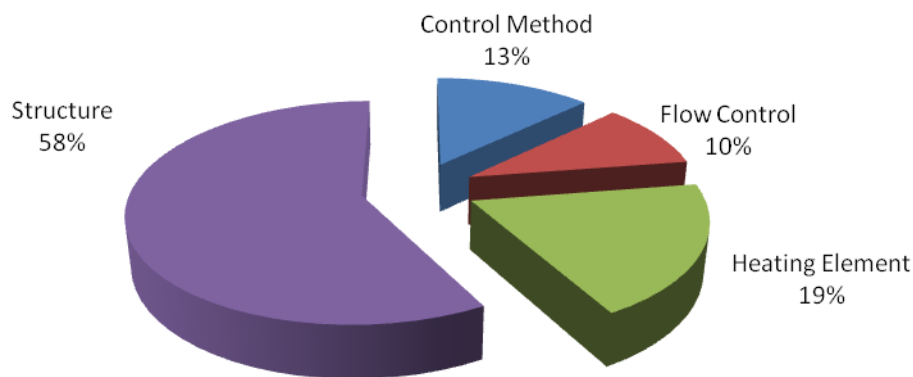
With your defined requirements, we will work with you to create the slides and graphs that will best achieve your overall goals. We can help create presentations that will assist you when addressing on-patent audiences, CEOs, marketing departments, or even as part of an RFP to a potential client.

The following are examples of the types of analysis slides and graphs we can provide along with the overall results from the search.

### EXAMPLE OF GRAPHS AND SLIDES

*The first few slides and graphs are a small example of the types of visual analysis tools we can provide after doing a landscape search. In this example, we have only provided taxonomy information, priority information, a list of publication countries and the number of publications for Portable Heaters. The proceeding pages will show additional slides and graphs we can customize for your individual needs.*

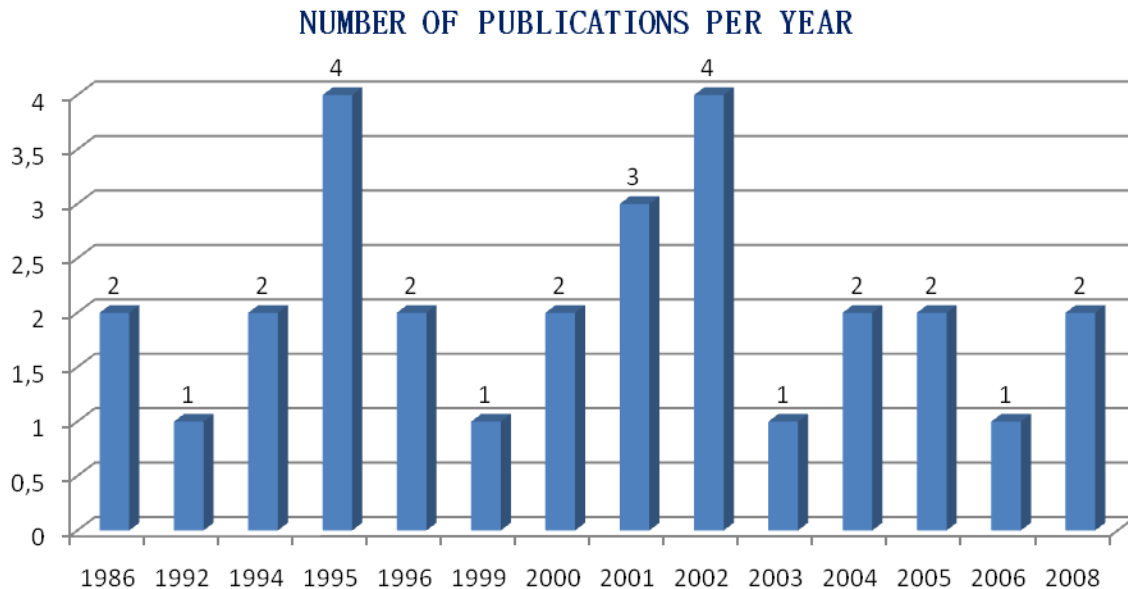
#### BREAKDOWN OF PATENTS BY TAXONOMY



# Portable Heater

Control Method	flow control	Heating Element	Structure	
US5000000	US6558766	US4604098	US4567350	US5129898
US5504987	US7479877	US6137987	US5277152	US5325876
US6080975	US7477654	US7037654	US5400432	US5408598
US6246876		US7069877	US5437003	US5586823
		US7190099	US6175689	US6240987
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			US6574426	US6678233
			US6909843	US7040982
			US7088915	USD476533

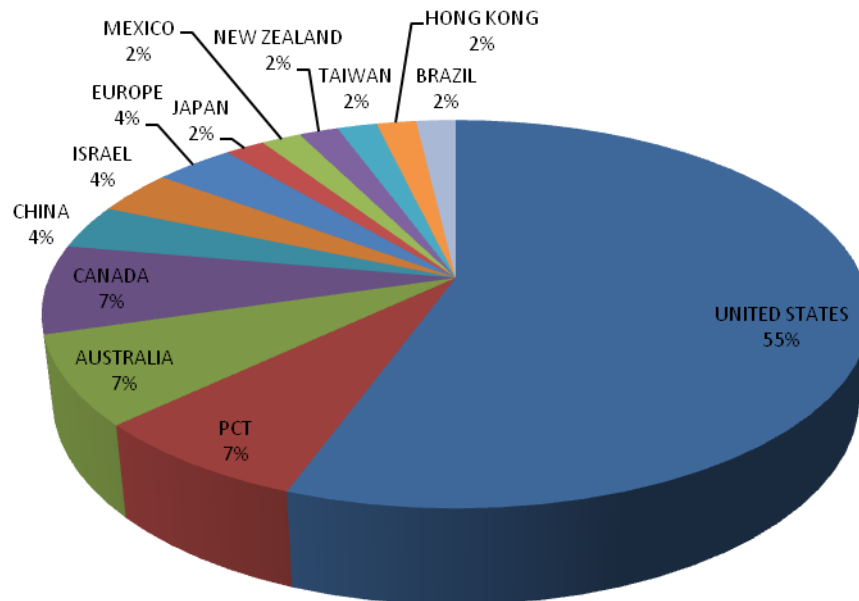
The graph above is a list of the relevant patents, while the graph below is a breakdown of the results by publication year and number of publications.



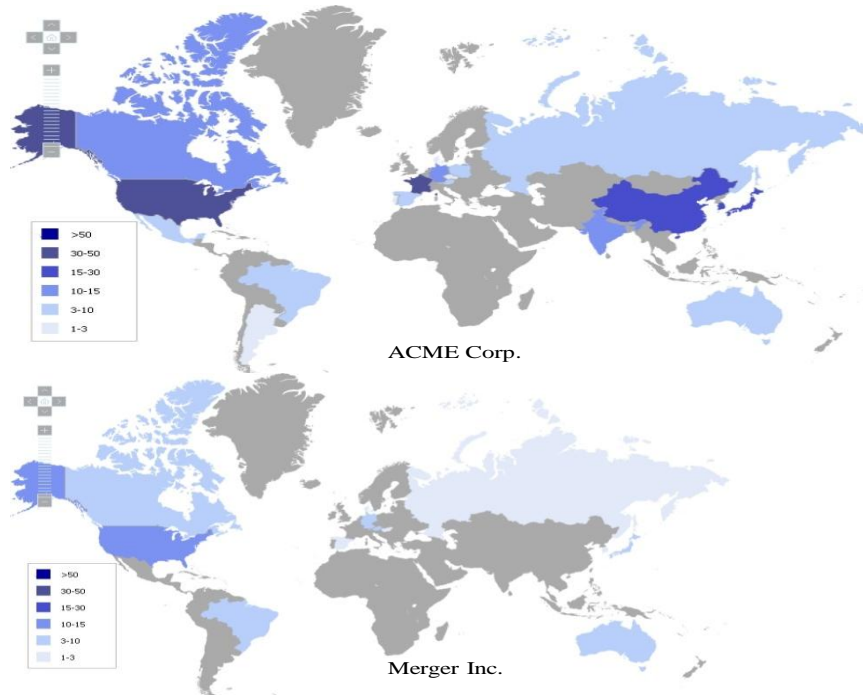
## PRIORITY MAP



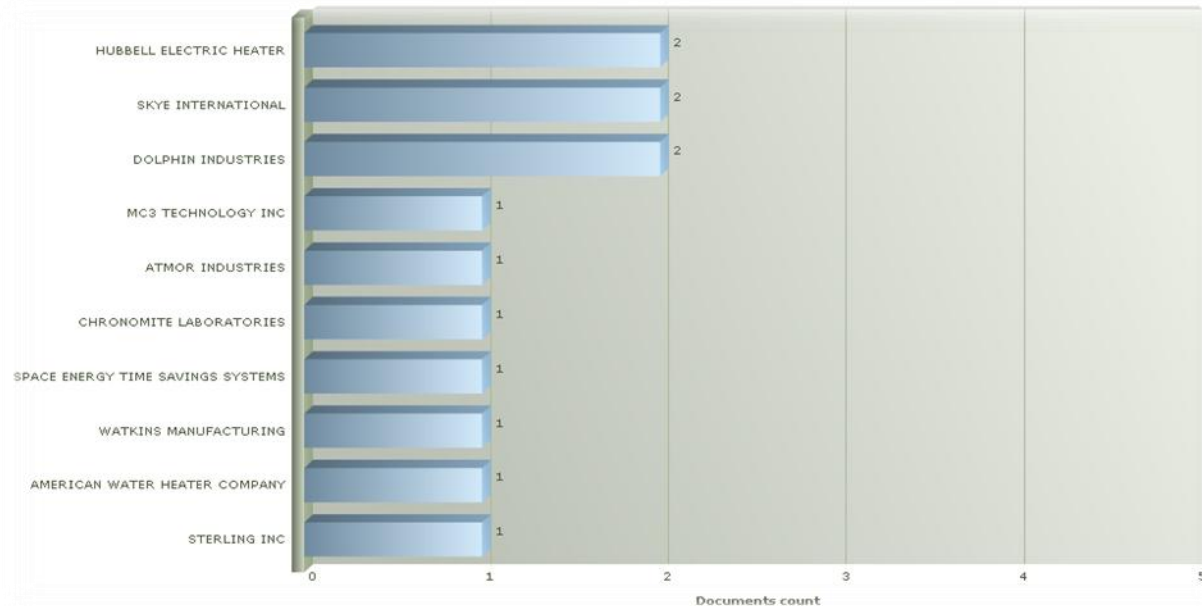
## PUBLICATION COUNTRIES \*



Here we visually compare two company's portfolios. Quickly see the similarities and differences between the two and which markets they seem more prolific in for a given technology. Or review the top assignees within a given technology as the slide below illustrates.

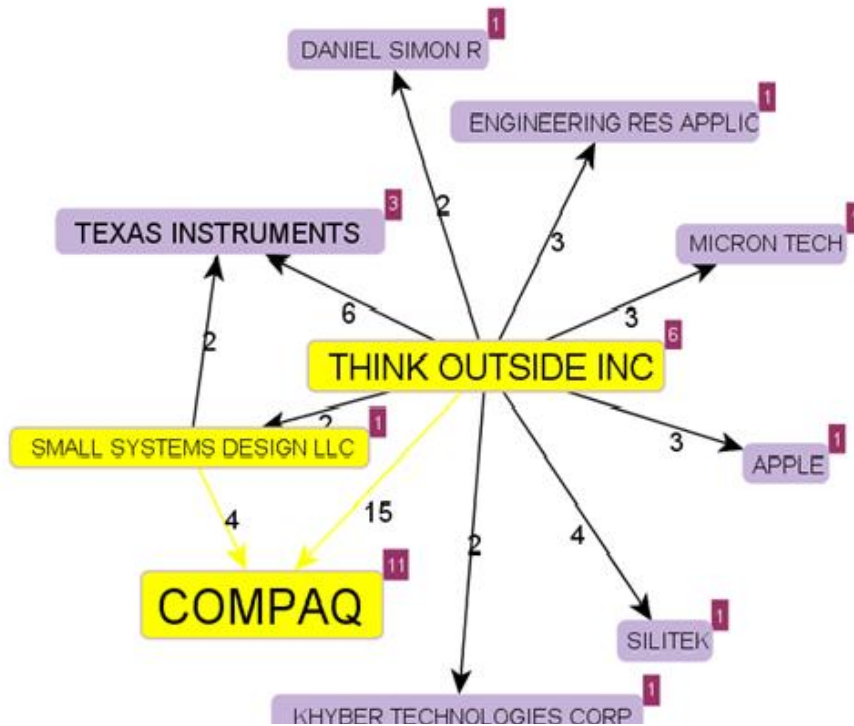
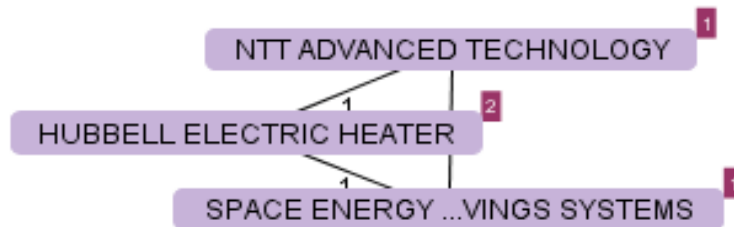
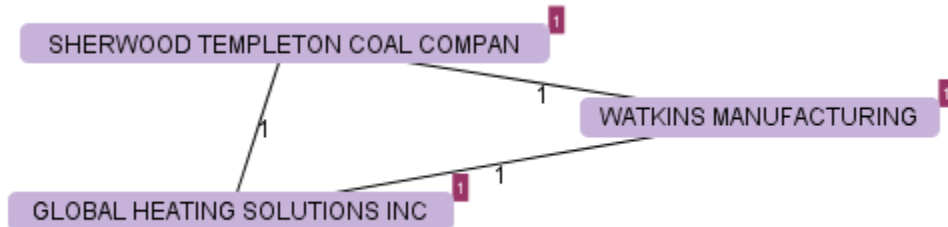


## TOP ASSIGNEES

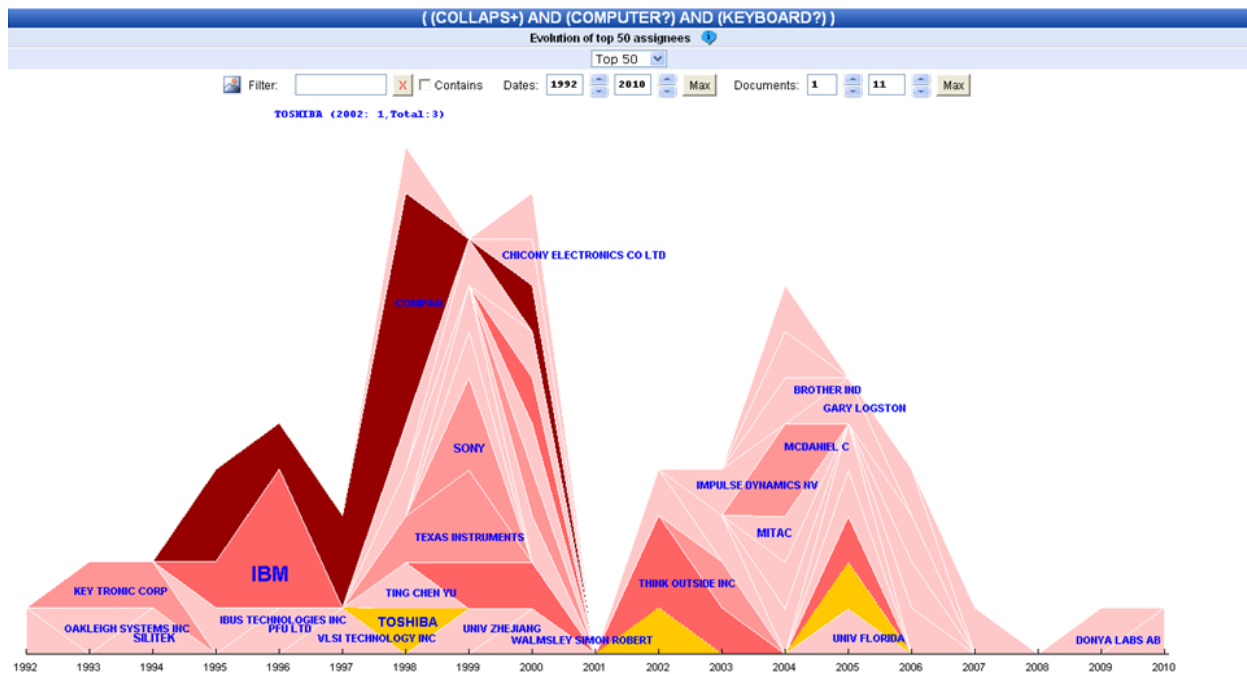
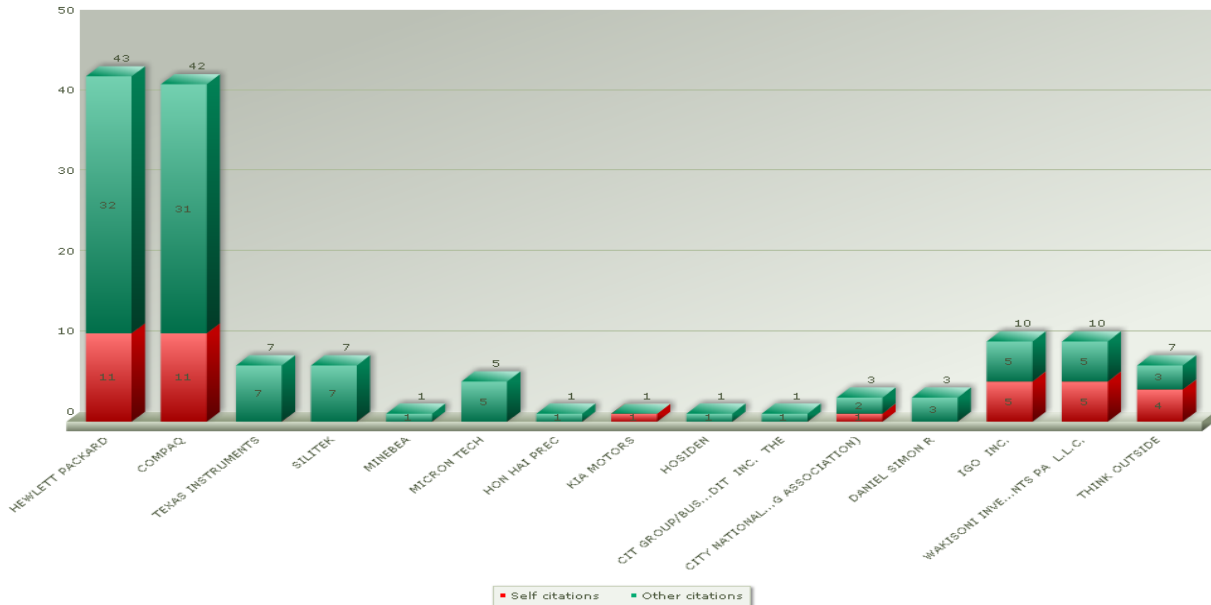


## EXAMPLE OF COLLABORATIONS

We can provide graphs to easily identify the major players in a given technology. Quickly identify who is collaborating with whom or who is citing who as illustrated in the graph below.



Or we can provide citation information in a graph format like the one below.



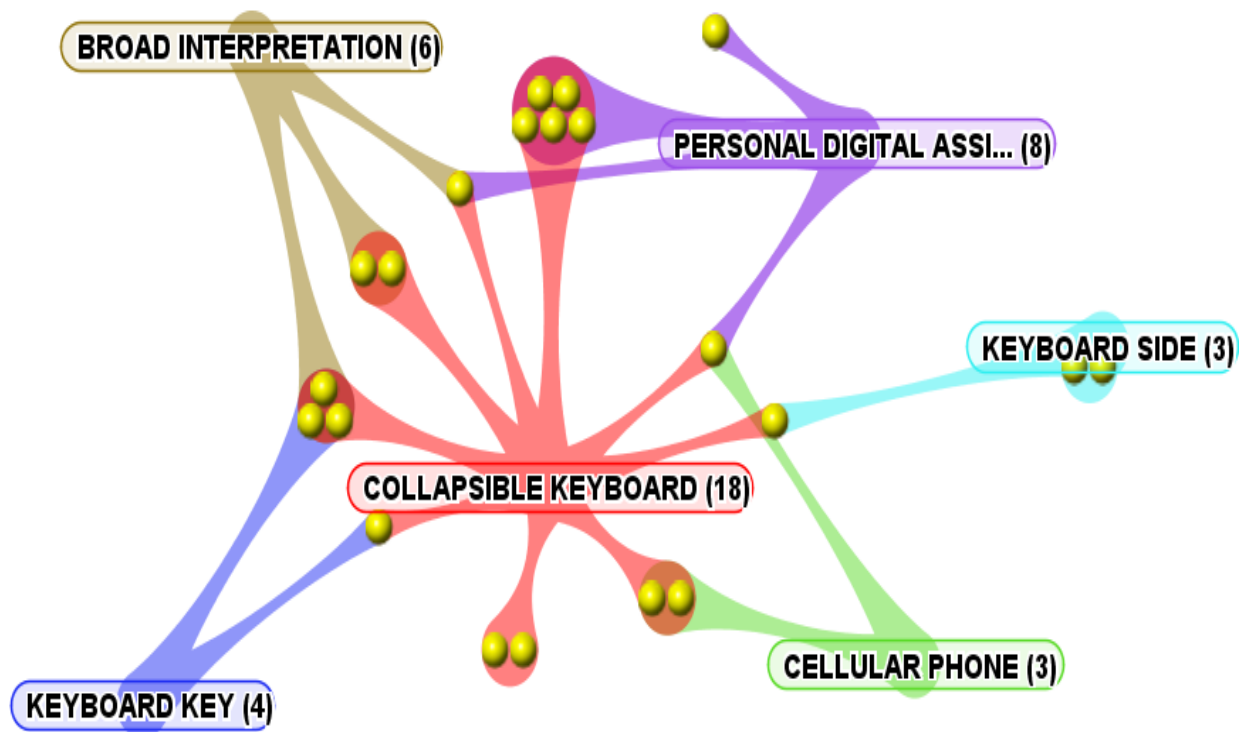
The graph above shows the evolution of the technology within a set of assignees.

## CONCEPT EXTRACTION

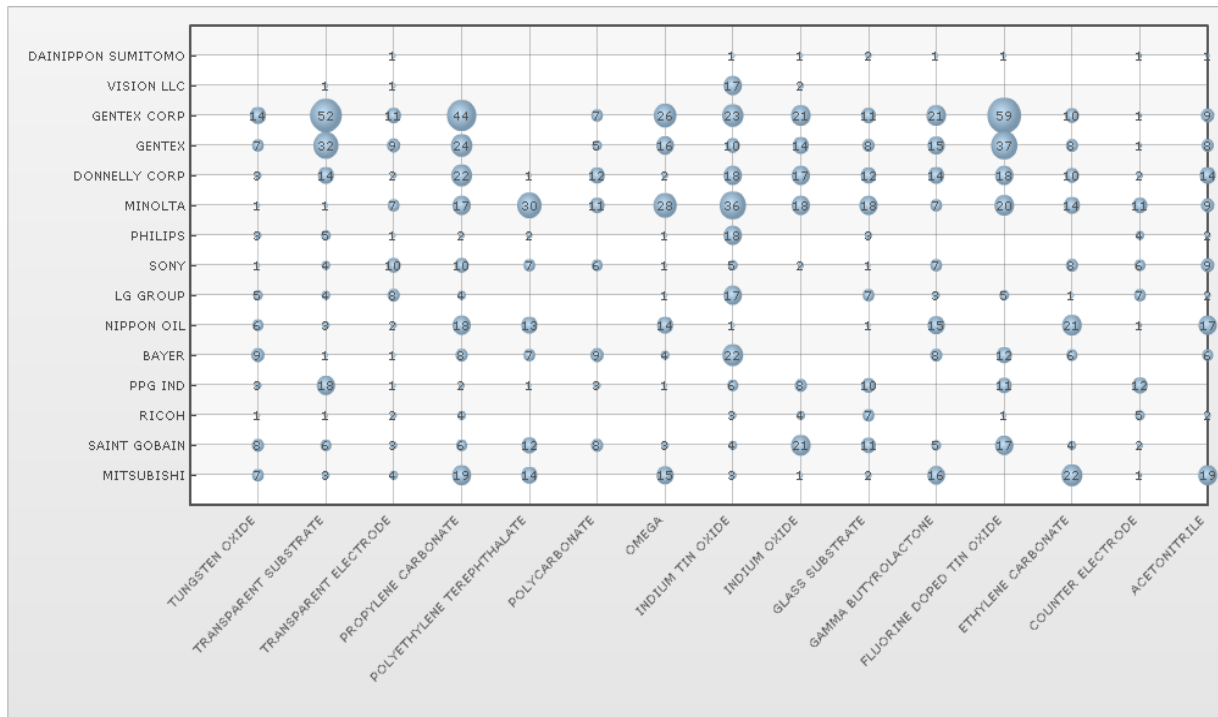
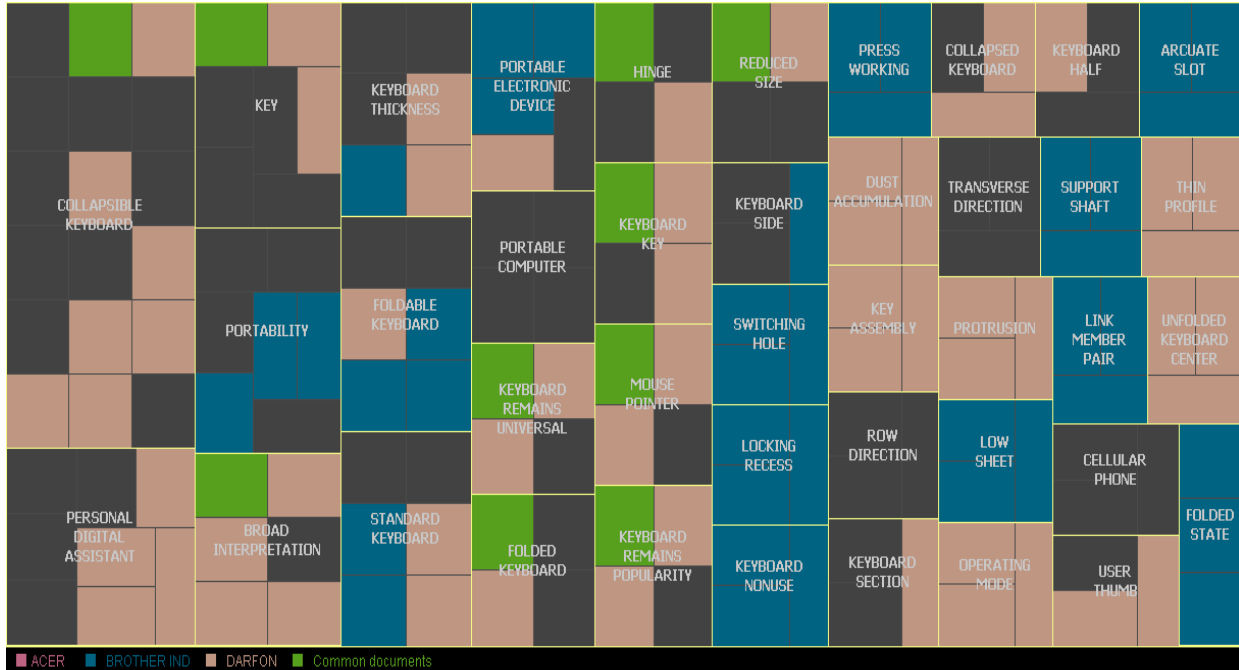
Max Occ.  Année max  Durée

ANODIC ELECTROCHROMIC MATERIAL | BILAYER | CARRIER SUBSTRATE | CATHODIC ELECTROCHROMIC MATERIAL | CHROMIUM OXIDE | CLEAR SODA LIME SILICA GLASS | COBALT OXIDE | CONDUCTING WIRE/STRIP | COUNTERELECTRODE/ION STORAGE | DIRECT CONTACT | DOPED METAL OXIDE | DOUBLE GLAZING | ELECTRICAL ENERGY | ELECTRICAL POTENTIAL | ELECTRICALLY CONTROLLABLE DEVICE | ELECTRICALLY CONTROLLABLE SYSTEM | ELECTROCHEMICAL DEVICE | ELECTROCHROMIC DEVICE | ELECTROCHROMIC GLAZING | **ELECTROCHROMIC LAYER** | ELECTROCHROMIC PROPERTY | ELECTROCHROMIC SYSTEM | ELECTROLUMINESCENT SYSTEM | ENERGETIC PROPERTY | ENERGY PROPERTY | ETHYLENE VINYL ACETATE | EXTERIOR GLAZING | FLUORINE DOPED TIN OXIDE | FUNCTIONAL LAYER STACK | GLASS SUBSTRATE | GLAZED DOOR | GLAZING TYPE | GOLD | HEATED/HEATING/HEAT TREATMENT | HYDRATED NICKEL OXIDE | HYDRATED SILICA OXIDE | HYDRATED TANTALUM LAYER | HYDRATED ZIRCONIUM OXIDE | INDIUM OXIDE | INERT ATMOSPHERE | INFRARED RADIATION | **ION CONDUCTOR** | IRIDIUM OXIDE | LAMINATED GLAZING | LASER ABLATION | LIGHT TRANSMISSION | LIQUID CRYSTAL DROPLET | LIQUID CRYSTAL SYSTEM | LITHIUM ALUMINUM FLUORIDE | LITHIUM ALUMINUM SILICATE | LITHIUM BOROSILICATE | LITHIUM ION | LITHIUM ION REVERSIBLE INSERTION | LITHIUM NIOBATE | LITHIUM NITRIDE | LITHIUM SALT | MOLYBDENUM OXIDE | NEMATIC CURVILINEARLY ALIGNED PHASE | NICKEL OXIDE | NIOBIUM OXIDE | OPTICAL PROPERTY | OPTICAL VALVE | ORGANO INORGANIC PRECURSOR | OXIDATION DEGREE | PHOTOVOLTAIC SYSTEM | PLASTIC SUBSTRATE | POLYCARBONATE PC | POLYETHYLENE TEREPHTHALATE | POLYETHYLENE TEREPHTHALATE PET | POLYMETHYL METHACRYLATE PMMA | POLYVINYL BUTYRAL | POSITIVE DIELECTRIC ANISOTROPY | PROJECTION SCREEN | PROTON REVERSIBLE INSERTION | PVB THERMOPLASTIC POLYMER | REFLECTION | REFRACTION INDEX | REVERSIBLE INSERTION CASE | REVERSIBLY INSERTING ION | RIGID SUBSTRATE | SILICON NITRIDE | SILICON OXIDE | SILVER | SILVER LAYER | SOL JELL DEPOSITION | SOL JELL TECHNIQUE | SOLAR RADIATION | **TANTALUM OXIDE/PENTOXIDE** | THERMAL PROPERTY | TIN INDIUM OXIDE | TITANIUM OXIDE | **TRANSPARENT LAYER/CONDUCTOR** | TRANSPARENT SUBSTRATE | TRANSPORT MEAN | **TUNGSTEN OXIDE** | VANADIUM OXIDE | VARIABLE ENERGY | VARIABLE OPTICAL | VIOLAGEN BASED SYSTEM | WINDOW TRANSPARENCY |

Above and below are examples of slides providing concept information from the search. We our analysis tools we can show you key concepts, as well as underlining concepts. Below is a cluster graph of the key concepts. In addition, our cluster illustrations will be helpful to identify white space and potential markets to exploit.



We can compare companies within given concepts to show you seminars or areas of common technology as illustrated in the graph below. The big boxes represent the main concepts, and the smaller, colored boxes represent a company's patent within that concept.



The graph above is another example of the key concepts and the companies involved with those concepts. The numbers represent patents within that concept for that particular company.

We can provide a graph showing patent age to give you an idea of how long the assignees have been in that field or technology. You can easily identify the veterans from the new comers to the market from the next two graphs.

