

Patent monitoring strategy and pilot implementation

Support the IP function improving their internal customers' experience: State-of-the-art patent search and monitoring



Situation

- The client is a provider of process technology systems and integrated solutions serving mainly the polymer and the chemical industries, as well as developing recycling solutions
- Utilizing an external supplier for more than a decade delivering result lists in spreadsheets the client wanted to improve the patent monitoring to make important information easily accessible to internal customers in a comprehensible structure, while making their comments and feedback available to other employees, applying a new software tool
- Against this background, Dennemeyer was asked to support a pilot monitoring project



Approach

- The business unit Digitalization was selected as pilot customer, as IP does not yet perform specific monitoring for the BU
- A monitoring strategy was outlined, building on existing patent search and monitoring experiences, as well as the pilot business unit's demand and expectations, involving representatives from the IP and the pilot business unit
- Combined with insights from first trials with the software tool, applying not only Boolean, but also semantic and deep learning / AI methods, the monitoring searches were set up for three main technology aspects and the respective follow-up workflow was designed



Results & Benefits

- IP and the pilot business unit aligned on their information needs, developed the search and monitoring strategy and set up the workflow
- Enhanced patent search and monitoring will limit risk of infringement, enable easy information on technology and trends, and inspire the client's R&D activities; roll-out to other business units is already planned
- Digitalization plays an important role for the client's future as a potential source for IP generation, as an innovation enabler for other BUs, and as a connecting link and shared platform for different products; now with the support of a tailored monitoring strategy and supported by an adequate tool

What the client's lead engineer said after first tool trials:

- Database coverage: Very decent
- Semantic similarity search: Very strong feature

- Boolean search with keywords for different fields: Very performant
- User interface: Super. Intuitive, quick to use, good Espacenet integration, all important information is close together and accessible with one click