



Online capillary electrophoresis instrument

Problem

The demand on rapid online monitoring of environmental or process samples and the need to measure concentrations of individual compounds in process flow requires development of a device with high analysis speed and versatile analysis options.

Invention

Online CE System is a new capillary electrophoresis instrument for online monitoring of industrial processes. It provides an easy to maintain and rapid method for determination of ionic levels in the processes. It is universally applicable to both anion and cation analysis and can be tailored to any online process application.

Solution

The Online CE System consists of analytical hardware and software units; both installed in a compact module. The System can be placed directly on-site of a pilot plant or other industrial process unit.

VTT is looking for an industrial partner to commercialize the invention.



Why partner with VTT?

10 reasons for technology partnering with VTT

1. Key factor in Finland's success story with a track record to prove it
2. Licensing and co-venturing opportunities
3. Portfolio of more than 1,000 patents and inventions
4. New business and product concepts based on strong IP and world class research
5. Combined experience of more than 2,000 motivated researchers in eight focused areas of technology
6. Active member in hundreds of scientific & business communities
7. Excellent track record as coordinator and partner in EU projects
8. Collaboration with TOP 50 R&D companies in Finland
9. Global R&D partnership with 50 Fortune 500 companies
10. Market driven multi-disciplinary solutions

Additional information

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