

TECHNOLOGY TRANSFER E-BULLETIN

Date: 30.08.2018



GERMANY

TODE20180815002

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A German university offers click-mass spectrometry to trace the metabolism of fatty acids and sterols. This new method is characterized by higher sensitivity than conventional methods and faster detection. Furthermore it is free of radioactivity and can be combined with other analysis methods. Licensees from the pharmaceutical industry are sought.

UNITED KINGDOM

TOUK20180809001

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A UK company has developed a hybrid health and safety software solution specifically developed for maintaining legionella/water hygiene statutory compliance. The software fulfills the role of a computer-aided facility management system (CaFM) but keeps a focus on ensuring compliance with legal regulations. They are seeking water hygiene specialist providers to implement the solution (adapted to local compliance rules) via commercial agreement with technical assistance.

GERMANY

TODE20180807001

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A German university found first-in-class inhibitors influencing the serine proteases associated with macular degeneration and reperfusion-ischemia. So far no inhibitors with drug-like characteristics have been available. The German university offers a license and/or research cooperation agreement.

GERMANY

TODE20180731001

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A German SME specialized in playgrounds and outdoor fitness parks and a German university have co-developed a sports-scientific technology for outdoor fitness equipment. It can be integrated in multigenerational outdoor fitness parks. It allows for simultaneous translational and rotational movements and multidimensional exercises due to a combination of rolling and tilting mechanisms. Partners are sought for commercial agreements with technical assistance or technical cooperation agreements.

UNITED KINGDOM

TOUK20180802001

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A UK inventor has successfully prototyped and tested a weeding tool that removes weeds cleanly, without leaving a hole or disturbing adjacent plants. Manufacturers of gardening tools are sought for licensing deals, to launch it Europe-wide.

POLAND

TOPL20180723002

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Polish scientist has developed a technology to produce sorbent out of starch that allows for immobilisation of bioactive substances. Thanks to its properties, i.a. lack of flavour and colour, it can be used in food production, brewing as well as in agriculture. Uncomplicated production process and inexpensive materials provide for the fast implementation of the technology. License agreement and commercial agreement with technical assistance are offered.

GERMANY

TODE20180529002

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A GreenTech company from Germany has developed a very efficient and low-cost solution to extract oils, fats and other single valuable components to increase the benefit from industry waste streams and biomass materials. Therefore, it is only needed to adapt the innovative technology as an element to process parameters and to modify the already existing technique. Partnership is envisaged in terms of technical cooperation agreements, research cooperation or license agreements.

- POLAND** [TRPL20180621001](#) [Full text here](#) [Request the address](#)
A Polish company has been operating in the bathroom furniture and furnishings industry for nearly 10 years. The firm specialises in the production of sanitary ware (washbasins and bathroom countertops). They are looking to overhaul/upgrade their production process that currently utilise work of craftsmen. The firm wants to be more efficient and increase its production capacities, and is looking for solutions and experts that would help it achieve that goal under the services agreement.
- GERMANY** [TODE20180817002](#) [Full text here](#) [Request the address](#)
A German university offers an innovative way of optimizing fungi morphologically. This is done by the engineering of basidiomycota for biotechnological processes. The new process enables easier and more stable processes with yeast-like fungi. Industrial partners from the field of biotechnology are sought for license agreements.
- UNITED KINGDOM** [TOUK20180817002](#) [Full text here](#) [Request the address](#)
A UK company has developed a high-volume, non-contact coating system for high-viscosity materials such as paint, adhesives, inks and food glazes. The system allows manufacturers in many different sectors to remove restrictions from their coatings. It is very accurate and allows for fragile substrates to avoid going through heavy rolls or presses. Commercial agreements with technical assistance with companies that want to develop and trial the technology in their factories are sought.
- ROMANIA** [TORO20180813001](#) [Full text here](#) [Request the address](#)
A Romanian research institute elaborated a drinking water technology for surface water sources with organic and inorganic pollution in order to become drinkable. The application will lead to advanced removal of pollutants such as free and complex cyanides, heavy metals, natural and synthetic compounds, etc. The Romanian research institute is looking for a company interested in a technical cooperation agreement or a commercial agreement with technical assistance.
- ROMANIA** [TORO20180813002](#) [Full text here](#) [Request the address](#)
A Romanian research institute has developed a new technology for remediation of soil polluted with organochlorinated pesticides which belong to the category of persistent organic pollutants. This technology can be used in-situ or ex-situ and is a treatment method of consecutive chemical oxidation and biological processes. The Romanian research institute is looking for a company interested in a technical cooperation agreement or a commercial agreement with technical assistance.
- BULGARIA** [TOBG20180723001](#) [Full text here](#) [Request the address](#)
Bulgarian company offers a technology for a new energy-saving form of pasta. Changing the pasta shape will lead to reducing of the drying time more than 5%, which will reduce the energy costs. The offer is related to the subsequent development of energy-saving forms of pasta products and creation of related intellectual property. The company is looking for research cooperation agreement.
- GERMANY** [TRDE20180809001](#) [Full text here](#) [Request the address](#)
The large Germany-based company from the chemicals sector is seeking analytical innovation (ppm levels) in a fluid matrix of both petroleum-based and aqueous based components. Sensors sought must operate at harsh conditions and characterize the multiphase composition and residual chemical presence. Sought cooperation might be a joint venture, license or research cooperation agreement.
- GERMANY** [TRDE20180809002](#) [Full text here](#) [Request the address](#)
The large German chemistry company is seeking eco-friendly bleaching and oxidative cleaving process for plant-based ester waxes and is keen to explore modern bleaching technologies or to work with technology partners with bleaching experience on renewable feedstock. Cooperations sought could involve joint venture, license or research cooperation agreement.

- GERMANY** [TODE20180612002](#) [Full text here](#) [Request the address](#)
A German university developed a procedure to improve speed and security of communication tools used by emergency responders (police, fire brigade etc.). The procedure enables a secure communication with insecure devices, such as smartphones. The university offers a licence agreement.
- POLAND** [TOPL20180808001](#) [Full text here](#) [Request the address](#)
An award-winning technology for determining physicochemical properties (morphology) of nanomaterials by using gaseous phases of a defined chemical potential was developed by a team of scientists from Poland. The invention is offered to chemical companies producing and/or using crystalline, amorphous or multimodal catalytic agents and/or nanomaterials. The scientists are interested in selling (commercial agreement) or licencing the technology.
- FRANCE** [TRFR20180515001](#) [Full text here](#) [Request the address](#)
A French SME designing and manufacturing outdoor children and sports playgrounds made of soft cast floor mats is looking for ecological binding components as substitute to currently used petrochemical binding agents. The company is now interested by a research cooperation agreement in being involved as an end-user with partners developing new ecological binding elements to test these solutions.
- UNITED KINGDOM** [TRUK20180803001](#) [Full text here](#) [Request the address](#)
A UK building products company is actively searching for new insulated ground floor systems for the UK domestic housing market. Elements and materials with significant improvements in characteristics, or ease of manufacturing or installation are requested. They can be early stage, with proof of concept. Companies small and large are sought primarily for licensing, financial, commercial agreements with technical assistance or technical cooperation agreements.
- NETHERLANDS** [TONL20180725001](#) [Full text here](#) [Request the address](#)
The Dutch start-up has developed a speech-to-text engine to automatically get transcripts plus an interface to improve these to 100% in a fraction of the time that manual processes require. The company can train the engine languages in an efficient way and is able to serve countries with languages that are ignored by large competitors. The company offers a technical cooperation agreement to partners interested in a speech-text engine and who are able to supply data for engine training purposes.
- CYPRUS** [TOCY20180801001](#) [Full text here](#) [Request the address](#)
The Cyprus company active in the ICT sector offers a state of the art communication suite for HoReCa businesses (hotels, restaurants, and cafes) in order to be closer to the customer and provide better services. The company is seeking value added partnerships with developers, distribution agencies or other intermediaries for delivering and further developing the application in other countries; by means of a commercial agreement with technical assistance, a joint venture or a licensing agreement.
- ROMANIA** [TORO20180714001](#) [Full text here](#) [Request the address](#)
A Romanian company specialized in precision agriculture developed a modern farming management concept using digital techniques to monitor and optimize agricultural production processes. The system is a compact integrated hardware and software device, which provides in real-time critical information about soil, air and light parameters, fundamental to the development of various crops. The company is searching partners for integration with other complementary monitoring systems.
- FRANCE** [TOFR20180605001](#) [Full text here](#) [Request the address](#)
A French company specialized in the development of embedded and communications IP (Intellectual Property) cores for the space market is seeking integration partners for technical cooperation, commercial agreements with technical assistance, services and license agreements. The solutions are completely based on traditional space standards allowing easier system integration and higher reliability.

SLOVAKIA [TOSK20180731001](#) [Full text here](#) [Request the address](#)

Researchers from established Slovak university have developed an award-winning technology for automatic monitoring of moving objects in sky. The system is highly mobile and allows effective full-spectrum video recording of the sky in 180°. This technology is applicable for monitoring in various fields including astronomy, meteorology, geophysics or air surveillance. The university seeks for partners through licensing, commercial or manufacturing agreement or via technical cooperation agreement.

SLOVAKIA [TOSK20180731002](#) [Full text here](#) [Request the address](#)

A Slovak software company has developed a new information system for use in co-operation with customs administration. This software creates internal documentation by using basic standards and diagrams generally used for documentation of structural or object-oriented design and the level of quality is provided by product control in relation to customer in each phase of information system development. The Slovak company seeks partners for further development and testing of this system.

FRANCE [TOFR20180731001](#) [Full text here](#) [Request the address](#)

French SME offering a cloud-based IT network solution with minimal hardware equipment (preconfigured router and WiFi access points) for remote and centralized management of the IT infrastructure in large sales points (e.g. automotive) and easy-to-install WiFi infrastructure. The company is interested in technical cooperation agreement and research cooperation agreement.

CZECH REPUBLIC [TOCZ20180731001](#) [Full text here](#) [Request the address](#)

A Czech company has specialized for over 18 years in the design and manufacturing of bespoke high-tech scientific instrumentation that increases effectiveness of R&D projects run particularly in electronics, optoelectronics, micro-positioning automation, plasma diagnostics, vacuum control and high-voltage supplies. A capability to design high-tech instruments that will fit specific R&D needs is offered. Commercial agreement with technical assistance or technical cooperation agreement is sought.

CHINA [TOCN20180726002](#) [Full text here](#) [Request the address](#)

A Chinese professional research institution for hemp crops has mastered the technology of extracting waste from industrial cannabis to produce feed and animal health products, and hopes to provide customers with advanced technical solutions in the form of technical services or technical cooperation.

GERMANY [TODE20180720001](#) [Full text here](#) [Request the address](#)

A German research institution has developed a single-step, versatile, and cost effective production process for wood-plastic composites (WPC) with tunable mechanical properties for different applications. An industrial partner in the WPC or refiner branche, i.e. a refiner manufacturer, WPC or fiberboard producer is sought for licensing, transfer of rights, knowledge transfer or R&D cooperation.

FRANCE [TOFR20180725001](#) [Full text here](#) [Request the address](#)

A French university which concentrates different units working on sleep disorders and psychiatric pathologies, ergonomic assessment to prevent mental hazards in organisation and experimental psychology is looking for a coordinator for the H2020 call BHC-22-2018: Mental Health in the Workplace. Partners sought, under a research cooperation agreement, are universities, research institutions, hospitals or private organisations in the field of occupational health projects.

CHINA [TOCN20180726001](#) [Full text here](#) [Request the address](#)

A Chinese R&D institution offers a variety of advanced research and application technologies for hemp degumming biological agent for hemp crop processing enterprises. The intention cooperation method is service agreement or technical cooperation agreement.

POLAND [TOPL20180705001](#) [Full text here](#) [Request the address](#)

A Polish water and sewerage company developed a methodology and an integrated system of infrastructure management for water and sewerage companies. The system comprises of several modules and functionalities providing live supervision, safety of infrastructure and environment protection. It is protected by a utility model. The company is interested in sale or licensing of the property rights and implementation of the solution via commercial agreements with technical assistance.

POLAND [TOPL20180620001](#) [Full text here](#) [Request the address](#)

A company from Western Poland specialised in production of graphene is looking for industrial and R&D partners interested in further development of the product (e.g. looking for new applications as well as testing the existing ones in real-life conditions). The offered graphene products are characterised by much better properties than the ones obtained in traditional way. The cooperation will be in the form of research or technical cooperation agreements.

UNITED KINGDOM [TOUK20180529001](#) [Full text here](#) [Request the address](#)

The UK based company has developed an educational app for dyslexia that detects the nature of literacy difficulties a child experiences at a young age and proposes the most appropriate and tailored interventions to enable teachers/parents to provide effective support to the child. The company is now looking to partner with schools and relevant organisations to test and validate the product with children (4-8 years). The envisaged collaboration will be under a technical cooperation agreement.

CHINA [TRCN20180522001](#) [Full text here](#) [Request the address](#)

A Chinese company specializing in making molds for car parts is looking for a technological cooperation partner in Germany to improve its molds of car parts for new energy vehicles, as well as to set up joint-venture manufacturing plant in China.

BULGARIA [TOBG20171120001](#) [Full text here](#) [Request the address](#)

Bulgarian company is specialized in research and production of new materials and products implemented in modern technologies. The company offers a new technology for production of boron, carbon and nitrogen compounds with unique properties. The main advantages of the new technology are the use of improved 4 types of powder metallurgy. The sought cooperation types are research cooperation agreement and manufacturing agreement with scientific organisation or high-technological enterprise.