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Technology offer

Ion milling technique for making truly 3D structures

A university in the South-East of England has developed a novel technique for ion milling of truly 3D structures. Unlike conventional techniques, this technology offers vertical resolution of less than 1 nm, allowing faithful reproduction of rounded and complex designs at a 50 nm - 150 micron size range. The university is looking for industrial partners in the semiconducting, electronics, sensing or similar industries for joint further development of the technology or licensing opportunities

Mobile and quick-to-set-up flood protection system

A German company experienced in flood protection has developed a new dam system which can be hidden in the ground and quickly set up to fully fight floods up to 1.60 meters. With just two workers, a ready-state can be achieved within 1 minute per meter. All equipment needed to set it up is built into the ground, no further storage is required. The company is mainly looking for partners interested in licensing the design, and technical co-operation (adaptation to specific needs).

New Bainitic Steel 38MnV8, of high strength and double toughness than conventional steels, even at low temperatures

A Spanish public research organisation has developed a bainitic steel of high ultimate strength and yield strength and with a toughness approximately twice than the conventional steels (35MnV7 y 35CrMo4). This steel maintains very good mechanical properties at very low temperature. The steel can be used for the automotive components manufacturing as crankshafts, connecting-rods, steering rods... Industrial partners for licensing and exploitation of the technology are sought.

Changing movement dynamics by displacing center of gravity using a wheel-arm

A group of Turkish inventors invented a brand-new system -using less force for providing movement- which can be used for most of the circular movement mechanisms. The system is tested on prototypes of a wheelchair and an electric car and patented with the clear result in providing more efficiency with less power. The system can be adopted on any similar movement system. Suitable partners are sought for commercialization of this system under license agreement.

3D Scanning of transparent Objects

Scientists from Saarland University and Max Planck Institute for Computer Science have developed a robust 3D scanning method that enables high-quality geometry capturing of objects that are very difficult to capture with traditional scanning techniques due to their material (i.e. dark, translucent or transparent surfaces). They are looking for partners that are interested in further development and commercialization of the invention. Various technology or patent licensing models are conceivable.

High Quality Multi View Imaging System

Scientists from Saarland University have developed a new system that enables high-quality 3D digitalization of dynamic scenes using only one single camera. This Multi View Imaging is based on imaging an object inside a kaleidoscopic mirror system. It generates a large number of high-quality views well distributed over the hemisphere surrounding the object in a single shot. Partners interested in licensing or purchasing the invention are sought.

A method to give your customers the good taste and experience of professional movie soundtrack designers

Scientists of Saarland University have developed a method, which automatically finds the appropriate song for a picture, a set of pictures, or a video. The technique uses the expertise of the best soundtrack designers by sampling awarded movies and creating training sets consisting of movie snapshots and the associated background music. Partners that are interested in further development and commercialization of the invention are sought under license/commercial agreements & technical assistance.

Natural pretreatment chemical for textile made from clay

A Turkish company specialized in textile chemicals developed a pretreatment chemical for textile fibers, which is making full bleaching for knitted fabric in exhaust. The chemical offered is easily degradable in nature, can also be used for high temperature jet machine cleaning. The Turkish company is looking for commercial agreement with technical assistance.

Microbial composition for agriculture use.

A Romanian research institute designed a microbial composition for biological control of soil pests and diseases in agriculture and developed the process for preparing it. The main innovative aspect and advantage of the offer: It is obtained from regenerable natural resources and bio-fuels by-products and waste. Type of partner sought: manufactures company to produce and sale it under license agreement, technical cooperation.

Low-cost LED driver, very high speed pulse up to 1GHz

A laboratory in Toulouse has invented a new electronic driver for LED based on only a few passive components and allows to drive standard LEDs at very high speed (up to 1GHz) with very good performances in terms of peak power. Advantages: low-cost, short pulses, high frequency, stability with temperature, ability to drive a large variety of LEDs. Industrial partners are sought to industrialise and commercialise the technology under licensing.

Low cost embedded laser sensor for vibrations measurement

A laboratory in Toulouse has developed a new kind of laser vibrometer allowing direct measurement of vibration and target movement without any contact, offering quite an improvement in terms of size, cost and robustness. The sensor is compact and costs at least 10 times less than any existing interferometric device. Industrial partners are sought to contribute to the development of the sensor under licensing.

Application of artificial intelligence methods and models for creation of intelligence systems of operational switch control in power grids

science-intensive company from Moscow, Russia, found a new field of application of artificial intelligence technology for smart systems of operational switch control. This technology can be used in power grids. Implementation of this project will allow solving the problem of control of topology of advanced power grid, which have a lot of electrical power sources and consumers. The company seeks partners for further joint development.

Technology for distance health care with ability to control the patient's health (e-Health).

An innovative company from Saratov, Russian Federation, has developed a complex of telemedicine technologies for remote patient monitoring (e-Health). The main advantage is a hardware and software complex which provides ability for on-line multi measurement monitoring and remote control of the patient's health. The company is looking for partners for technological cooperation/further joint research and/or establishment of joint venture.

Innovative programming platform for Mobile Data Collection Applications based on Barcode and RFID technology

A Slovene SME has developed innovative platform for Mobile Data Collection Application like Route Accounting, Direct Store Delivery and Mobile Order Management. The platform enables Mobile Workforce to create needed documents on demand and in real time thus eliminating mistakes and the need for retyping them on the return to the office. As a result Mobile Sales Team can spend more time with their customers. The company is looking for partners for commercial agreement with technical assistance.

High Pressure Processing of Foods

UK researchers have developed and optimised High Pressure Processing (HPP) for food. HPP is a simple cost effective treatment that can make food safer to eat and extend shelf-life without reducing vitamin content and without altering flavour, texture or appearance. The group is keen to enter commercial agreements with industry or to collaborate on research programmes with other academics.

Unique Disaster and Crisis Management software.

A German company has developed a disaster and crisis management software that will improve operational and tactical work of everyone working in the field of safety and security. The German company offers successful danger prevention for public authorities as well as security organizations. The company is looking for cooperation partners for licensing agreements and for the adaption to specific needs in a technical co-operation scheme.

Technology of a heat resistant coating is offered

Scientists from North West Poland have developed a manufacturing technology of heat resistant, protective coatings based on aluminium to be used on e.g. aircraft engine turbine blades.

Partner from industry sector to test and implement the technology is sought.

License agreements, joint venture agreements, and commercial agreement with technical assistance are sought.

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UK company with novel stay clean coatings seeks air conditioning manufacturer for testing of new applications

A UK company has developed a range of stay clean coatings for various applications and is seeking partners in the field of air conditioning design and manufacture. Air conditioning systems in dusty environments often require regular maintenance and this company believes its products can reduce the maintenance required and the product performance. The company is open to testing of new applications that may lead to possible license agreements.

Sensory multimedia device controlled by gestures

An innovative Russian SME from Ekaterinburg with experience in the field of machine vision developed a hardware-software complex for tracking and recognition of gestures which can be integrated into contact and contactless multimedia devices for controlling them. The technology ensures continuity and smoothness in interaction with interface devices (interactive table, interactive screen). The company seeks partners for further development and adaptation to partner's specific needs.

Fine chemical and food fluids analyse by Near InfraRed (NIR) spectrum Off line and on line measurement methodology.

A French SME has performed an intensive research program into Near infrared (NIR) technology leading to a method enabling to monitor multiple hydrocarbon streams properties in fast time. This technology is accurate, robust and reliable and therefore used in several production sites. Leader in the field of refining, the company want to spread this method of analyse to other streams in agro food, pharmacy and cosmetic sectors through technical cooperation manufacturing and/or commercial agreements.

Technology requests

Seeking industrial partner to granulate B1 and/or B6 vitamins powders according to GMP standards

A French technical centre specialized in fine chemistry is looking for pharmaceutical Contract Manufacturing Organization (CMO) with Good Manufacturing Practice (GMP) standards to granulate powders of B1 and/or B6 vitamins using fluidized-bed spray-coating and drying process with Hydroxypropylmethyl cellulose (HPMC) as binder. The final produced powders will be used for direct compression of tablets. The French technical centre seeks partner for Technical cooperation and Manufacturing agreement.

Seeking innovative and functional packaging solutions and/or a variety of packaging capabilities

A Turkish company engaged in plastic packaging industry is looking for innovative, cost-efficient and functional packaging solutions in food industry. The company is willing to increase the portfolio of its services and product differentiation capability by launching new products to the market. The company is interested in all types of partnerships, including licensing, joint venture etc

Further joint development of a green bio-composite-based electric scooter

French company has developed a new concept for innovative electric scooter integrating a novel bio-composite based on renewable resources (linen). The company is now looking for technical cooperation for the development and manufacturing of a prototype, as a first step in the commercialization process.

Technical expertise for product qualification and continuous improvement

A Turkish company engaged in designing and manufacturing of custom support systems for pipe hangers and other industrial, commercial, utility and HVACR applications is looking for technical expertise for justification of their designs and product qualification and testing for continuous improvement. The company is interested in technical cooperation with engineering firms with adequate competency on the subject.

Mobile Value Added Content (Game) Development

Turkish SME is specialized in developing game content in the Middle East territory with a primary territory of Turkey. The company develops value added content for the mobile users market and online markets.

It is now looking for innovative mobile value added content for mobile carriers/ content sale portals. The games will be jointly implemented after localization and integration processes which must be done by Turkish SME. The company is interested in joint further development.

Device for automotive bulk smell identification - electronic nose

SME from North-East Poland looks for a device for automotive bulk smell identification - an electronic nose. The searched electronic nose should allow an identification of bulk materials with fungus and mold infestation, microbiological contaminated, with the fermentation and moulder processes started. SME is interested in license agreement.

PS-CIP-IEE-2012 Energy savings in wood-based panel industry

This project proposal comes from a Spanish Technological/Research Center that is going to submit a project whose objective is to reduce energy costs of the wood-based panel industries by energy efficiency and savings, and to promote the use of renewable energy sources in this industrial field.

Wood-based panel industries interested in reducing their energy invoices or increasing the use of renewable energy sources are sought.