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Technology offer

Atmospheric pressure glow discharge technology for functionalization of textiles and polymeric films

A Catalan (Spanish) technological center has developed surface treatments for activating materials prior to laminating, coating, printing, dyeing and other manufacturing processes. This treatment, based on plasma technology, does not modify the intrinsic properties of textile and polymeric materials. The technological center is looking for industrial and research partners interested in a technical cooperation, manufacturing or commercial agreement.

Industrial Cooking Machine For Fast and Low Cost Production

A Turkish company in food industry has developed a large volume industrial cooking machine that cooks big amounts of food in a very short time, with less manpower. Fire risks in production and costs are reduced as well as volume and mass losses due to evaporation during cooking. The company is looking for a know-how agreement with universities and research centres as well as being a partner in joint projects on shortening cooking times according to their kinds for further development.

Process of obtaining liquid sodium silicate

A Romanian company has developed a process to obtain liquid sodium silicate that can be used as binder in casthouses, at obtaining materials for welding, in paper industry, and detergents. The company is looking for commercial agreement with technical assistance.

Release material used in rubber industry

A Romanian company has developed a release material that can be used in obtaining vulcanized rubber products, in rubber industry. The company is looking for commercial agreement with technical assistance.

Grinding machine for cereals grains

A Romanian company has developed a grinding machine for cereals grains. Technical solution relates to a shearing grains machine. The company is looking for license agreement, technical cooperation and commercial agreement with technical assistance.

Smart control technology for food and feed extrusion process

A Danish Technical University has developed a new method for determining the process operation parameters and optimising processes with new recipes and raw materials in the food and feed extrusion process. Breakfast and snack manufacturers, fish feed producers, technological consultant companies are sought for implementing the new technology and further developing the method.

Olefin metathesis catalyst for pharmaceutical and chemical application

A Polish company has developed a new catalyst for olefin metathesis reactions. This catalyst is highly active and stable complex. This catalyst operates in very mild conditions and can be successfully applied in various types of metathesis: ring-closing metathesis, cross-metathesis, enyne metathesis. License agreements are sought.

Fourier Transformer of optical signals at the temporary scope, based on fibre diffraction networks

A Spanish research group has developed a device that inputs an optical signal and outputs the Fourier Transform of the input signal. The device consists of a network of diffraction printed on an optical fibre and an optical circulator. It can be applied in systems of optical processing of temporary signals and photonic signals control systems. The research group is looking for the licensing of the patent.

Innovative array of multilayer printed antennas that combines engraved patches and metallic cavities

A Spanish research group has developed a multilayer printed antennas array that has the advantages in terms of ability to scan, bandwidth, radiation or efficiency features, specific of configurations with patches immersed in cavities and formed from a single dielectric sheet on which are engraved the patches without further treatment. The research group is looking for the licensing of the patent.

Method of design of fibre diffraction networks, as an optical filter for application in wavelength multiplexing systems

A Spanish research group has developed a Bragg diffraction network in fibre optics for its application to filtering in the optical domain based on the change in the period of the diffraction network along the axis of the fibre to maintain constant Bragg condition along the structure. These networks improve the characteristics of the filter in amplitude and phase. The research group is looking for the licensing of the patent.

Optimizing method of systems for flows characterization

A Spanish research group has developed a method of design, evaluation and optimization of systems for the characterization of flow through ultrasonic signals sent through the fluid in motion. The method provides a correction / characterization / optimization function of the spectral behaviour of the measure sensor. The research group is looking for the licensing of the patent.

A new tungsten powder production technique by electrochemical process

A Turkish SME invented a new tungsten powder production technique by an electrochemical process. The new process aims to shorten the number of process steps and to decrease the production costs of current tungsten production techniques. The company is looking for partners that are willing to do commercial agreement with technical assistance.

Novel integrated heating element for mattresses providing constant temperature without electromagnetic waves

An Austrian industrial company, specialised in polyurethane (soft) foams, developed a novel mattress element to regulate the body temperature of the user by using an integrated temperature control. This special mattress guarantees constant heat emission and functions without energy input or external heating elements while it is in use. The company is looking for partners (in the furniture business) for further development and technical sales co-operation.

Intelligent social media & marketing system

A London based company with expertise in email and social media software have developed a unique system which can maximise response rates to targetted marketing. The company is looking for businesses to further develop the system to suit their industry sector and also need to contact many clients. They are also interested in engaging with academics active in social media via collaborative R&D projects.

Free industrial bread wastes to be transformed into by-products

A Belgian industrial bakery, producing more than 100 different breads and viennoiseries, has to solve its bread waste problem. Due to a high commitment towards its clients' requests, the quantity of produced bread is impossible to plan. This customer's flexibility leads to overproduction. The company is searching for a quick solution on the short term first and a long-term development project then to recycle the organic dough wastes into by-products. A technological cooperation is sought.

Fruit Selection System using Artificial Vision

A Spanish SME specialized in technological solutions for the agro-food sector, has successfully introduced in the market (Spain, Israel and North Africa) a device for the selection of fruits that uses artificial vision to check size, color, condition, cleanliness and health. The company is seeking industrial partners interested in the implementation of the system in its factory or to adapt it to specific needs.

Adaptive next-generation middleware platform for management and monitoring of distributed software

A Belgian University developed a runtime environment, management platform and enabling services and tools for the management and monitoring of distributed software in networked embedded systems. The technology can be used to specify business policies and enforce them, for instance on wireless sensors, mobile handhelds or on-board computers. They are looking for industrial and academic partners to implement, test and further develop the platform in existing or new applications.

Know-how on applications of natural zeolite in industry

A Turkish SME dealing with natural zeolite is offering its expertise and know-how on applications of naturally negatively charged zeolite. The Turkish SME is a natural zeolite producer with %95 pure Clinoptilolite ratio and has know how on zeolite applications at various sectors. The company is seeking partners to develop new industrial applications for natural zeolites and wants to share its know-how for new zeolite projects.

Healthy meat products enriched with algae

A Spanish public research organisation has developed a procedure to obtain healthier meat products, based on the inclusion of algae in their composition. These products are low in fat due to fat removal in elaboration initial steps and it can be replaced by better nutritional quality fat, they have low sodium content and bioactive compounds such as fibre and minerals. Meat producers to exploit the technology under a license agreement are sought.

Technology request

Board cutting machine

The Polish company specializing in furniture manufacturing is looking for a machine which will be able to cut boards very precisely. The machine should be computer steered and have an automatic loading board at the back of the device.

High Efficiency Reaction Processes for Oleo-chemicals

A Brussels based multinational, active in the consumer goods sector, is looking to upgrade its manufacturing facilities for the conversion of oleo-chemicals. The solution should be at least twice as efficient as the technology currently used. Equipment to retrofit existing plants is preferred, but equipment for new facilities is also of interest. Various ways of cooperation are possible.

Know-how for new confectionary product

Polish food producer active in confectionary sector is looking for specific know-how connected with new recipe of innovative sweet product. A new initiative concerns implementation of entirely new product that haven't been offered on polish market yet on the basis of requested know-how. The company is interested in cooperation with innovative food entities on the basis of know-how purchase, license agreement or joint further technological development.

Polymeric Suspension System in Water Based Binder

A Turkish company that is working on surface treated nano-fillers for painting industry seeks partners for developing polymeric suspension system in water based binders, where fillers will be dispersed easily without dispersants. It is willing to do licence or joint venture agreement. Technical cooperation with universities, research centres and binder producers for further development in prototyping and production phases is another probability.

Direct Hydrogenation of Triglycerides to Fatty Alcohols

A Brussels based multinational, active in the consumer goods sector, is looking for a breakthrough process to reduce the number of steps needed to obtain alcohol and glycerins from lauric oils. The desired technology is a new hydrogenation process and catalyst to convert triglycerides directly to alcohols. Various ways of cooperation are possible.

Systems for drying coproducts coming from the titanium dioxide pigments manufacturing

An Andalusian company belonging to the chemical sector is looking for a drying system for the coproducts coming from the manufacturing of the titanium dioxide pigments with the aim of reducing their weight and therefore, polluting capacity. Companies and research groups in the field of chemical engineering are being sought for Technical Cooperation Agreement.

Immersion helmets to incorporate new features of transmission and communication with the outside

A Spanish company specialized in inspection and maintenance work, both offshore facilities as underwater hull. This company is looking for specific technology to improve transmission and communication with foreign divers to apply to the diving helmet. The company intends to incorporate these new features to existing diving helmets depending on the needs identified by professionals. The company is looking commercial agreement with technical assistance.

Improve the overall appearance of hair via increased shine, color vibrancy and color retention

A Brussels-based multinational company active in the consumer goods sector wishes to improve the overall appearance of hair via increased shine, color vibrancy and color retention. The company further needs effective technical or material approaches and solutions to achieve this aim. They are looking for technical cooperation.

Non-irritating volatile solvent/emollient for personal care products

A Brussels-based multinational company active in the consumer goods sector wishes to identify a material to be used in products like cosmetics, lotions or deodorants which can be applied at a rate of 1-4 mg per cm² on skin without damaging the skin and that evaporates within 4 hours of application. Different kinds of collaboration are sought.

Transformation and valorisation of used tyre wastes

A Spanish SME specialized in Acoustics and Vibrations is looking for a partner in East Europe with wide experience in transformation and valorisation of pneumatic wastes from used tyres. The objective of this partnership is a joint design of the fabrication procedure of resilient elements for railway tracks, according to the required specifications, and the future commercialisation of the obtained products.

Vision system for control of defects in metal containers

A Spanish company leader in the Olive Oil national market and one of the first in the ranking of the food can industry is looking for a vision system for detecting defects in metal containers in both its interior and exterior. At this moment, it is performed manually. The company seeks companies, research institutes or universities that have the technology or capacity to develop it. The company is looking for technological agreement.