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Technology offer

Complete and logistic picking and packaging line for fresh mushroom

A Dutch manufacturer of machines for the food, processing and packaging industry developed a complete picking and packaging line for fresh mushrooms. This line can be extended with a 3D scanner making certain each package contains exactly the right weight/amount requested. Machinery can also be adapted for processing strawberries or cherry tomatoes. The company is looking for a commercial agreement with technical assistance.

Intelligent biometric voice system (verification and identification speaking technology)

A Spanish company, focused on protection systems and biometric voice technologies, has developed innovative software for security applications (access control, domotics, phone banking, e-banking, e-business, forensic and police departments, etc); and automatic customization of voice driven services, among others. With the system ready for the market, the company is currently looking for licensing and commercial agreements with technical assistance.

Compounds to improve learning and memory in healthy people and in patients with cognitive difficulties

A public research organisation and a university from Spain have described that administration of MEK inhibitors at alternate days enhances learning and memory. They propose the use of these compounds, which are small and specific of this kinase, as nootropic in healthy people, or as treatment for patients with cognitive difficulties, in particular with Alzheimer or Parkinson's disease.

Pharmaceutical and food companies interested in developing and commercializing the technology are sought for.

One-component specially enhanced, ensuring long time anticorrosive resistance primer

A Turkish company specialized in producing industrial and heavy duty paints as well as special coatings have developed a novel, specially enhanced and air-drying primer which can be applied directly on the rusty surface without grit spraying before application. The Turkish company is looking for commercial agreements with technical assistance with the industrial partners in the shipbuilding or petrochemical industry.

Two-component top coat, which is available for use on any kinds of surfaces

A Turkish company specialized in producing industrial and heavy duty paints as well as special coatings has developed a two-component top coat available for use on any kind of surfaces. The unique coating ensures high physical resistance on the surface if applied as one-component and ensures additional chemical resistance if applied as double-component. The Turkish company is seeking commercial agreement with technical assistance with the industrial partners for exploiting the technology.

Competences in LED lighting products for office buildings

A French SME, specialized in the field of LED lighting, has developed an innovative ceiling made of LEDs. The technology was developed for public buildings and offices. The main advantages of the technology are the low consumption and the improvement of the visual comfort. The company is seeking for commercial cooperation with technical assistance.

Highly functionalized guanidines as key intermediates for the synthesis of antitumor, antiviral, and antihypertensive agents

A Spanish public research organisation has developed a new and selective process for the synthesis of substituted guanidines. The new compounds are guanidinium ion precursors, key intermediates for the synthesis of crambescidins, and could be easily functionalized to other compounds with biological activity for the treatment of cancer, infections and cardiovascular diseases. They are looking for a pharmaceutical company interested in patent licence

A natural product mixture with calcium channel modulator activity for the treatment of cardiovascular diseases

A Spanish public research organisation has developed a new process for the extraction of crambescidins from marine sponge *Crambe crambe*. The natural extract is formed by a mixture of compounds with activity as calcium channel modulators and could be used for the treatment of cardiovascular diseases. They are looking for a pharmaceutical company interested in a patent licence.

A technology of preparation of modified fuel and water-fuel emulsions for diesel engines, power plants

A Ukrainian company has developed a technology for cavitation modification of fuel. It improves effective and environmental parameters of engines. Fuel consumption decreases by 12 – 20 %. The temperature of exhaust gases lowers, their composition changes: nitrogen oxides content reduces 1.5 to 2 times, soot particles 1.3 to 1.6 times, carbon oxides to 0%. The developers are looking for partners to finance the research and/or with ideas and for forming a consortium, and for the sale of license

Advanced analysis tool for multi-threaded software programmes including High Performance Trading Systems

A Scottish SME has developed an analysis tool aimed at addressing the demands of multi-threaded, concurrent software programming. The solution identifies concurrency software bugs which threaten availability, security, accuracy and performance. The solution is currently optimised for the financial trading sector but is relevant to other business critical systems developed in this multi-threaded approach. The company seeks licensing /commercial agreements with Investment Banks and integrators.

Environmentally friendly catalytic method for the preparation of aldehydes and ketones of interest in fine chemistry

A Spanish public research organisation has developed a catalytic procedure which enables a highly selective oxidation of alcohols to aldehydes and ketones, using minimum amounts of Palladium catalysts. In contrast with the current methodologies, additives are not needed which means significant economical and environmental advantages. Partners interested in a patent license agreement are sought.

Prediction and control of peptide responses to ionisation for the development of clinical markers for pain and depression

A South East England University has developed a system which analyses and controls the response of peptides to ionisation in the gas phase, an area which is important to the development of clinical markers for pain and depression. Pharmaceutical industry partners are sought to joint develop this system and use it to produce a new range of better understood clinical markers.

Synthesis of non-proteinogenic amino acids

One research group of a Spanish University has developed a technology for the synthesis of non-proteinogenic amino acids, which can be used in many different sectors (pharma, biomedical, etc.). The research group is able to produce molecules with the functionality and applications according to the companies needs. The research group is looking for companies and organizations interested in technical agreements for the production of tailored molecules.

Radiation shielding composite product made from natural minerals

Turkish scientists developed a new specialty product that is an alternative radiation shielding composite building material replacing lead/lead based boards or plates that are currently used for radiation shielding. Product provides shielding against natural and/or artificial radiation and heat insulation features. Scientists are looking for technical cooperation, licence, joint venture or manufacturing agreements, commercial agreement with technical assistance or financial resources.

Worldwide patented dust-free and emission-free vacuum suction blasting technology for numerous application areas

An innovative German company has developed a vacuum-suction blasting technology that is dust-free and emission-free and very precise. The method is applicable in numerous areas i.e. for the entire cleaning of rail vehicles axes, interior cleaning of containers and the treatment of surfaces. With the adoption of this technology and its dust-free mode of operation sandblasting technologies becomes feasible in most sensitive areas. Partners are sought for licensing, technical cooperation, JV.

Technology requests

New biopesticide products for thrips and whitefly

A UK company active in natural crop protection products is seeking new biopesticide products. Suitable products should have field trial data as a minimum to demonstrate effectiveness against thrips and whitefly. The product may also be in the process of registration. The partner could be either academic or commercial interested in technical collaboration, licence agreement etc.