ΚΩΔΙΚΟΣ	ΤΙΤΛΟΣ	ΠΕΡΙΛΗΨΗ
	AGROFOOD INDUSTRY	
07 ES SEIF 01AE	Procedure for obtaining pasteurised chilled citrus juices with the sensorial quality of newly squeezed juices	A patent offered by a Spanish research centre is based on splitting the juice by centrifugation in a major fraction with low pulp content and a pulpy fraction. The first one is pasteurised at low temperature with the objective of destroying microorganisms while keeping the fresh taste of the juice; the pulpy fraction receives a stronger treatment. Both fractions are joined together under hygienic conditions before packaging. They look for a company to license the technology.
07 DE HRIM 01GW	Fraction from rye with emulsifying and foaming capacity	A German mid-sized flour miller and bakery supplier has developed a highly innovative egg-replacer to be used in cake batter or ice cream for the baking and food industry. Among others a high pentosan and high protein fraction from rye with outstanding technological properties has been introduced lately. Suspensions of the product in water can be whipped to form foams or emulsify oil to result in a stable mayonnaise-like consistency. They are looking for a joint venture or technical cooperation.
07 ES SEIF 01BX	Development of new minimally processed vegetable foods	A research group from a Spanish public research institute has developed several technologies to obtain different minimally processed vegetable foods. The technologies combine physical methods with natural chemical preservatives to keep the organoleptic, nutritional and microbial quality of products under refrigeration. The technologies are cheap and easy to implement. Companies from the agrofood sectors are sought for technical cooperation agreements.
07 IL ILMI 01BY	Innovative Machine for Extracting Arils from Pomegranate Fruits	An Israeli SME has developed a machine for extracting arils from pomegranate fruits. Advantages over devices on the market include its small size, no water consumption, and no need for air pressure in the technological process. The company is looking for strategic partners interested in joint ventures for further common development of a home machine and marketing the technology offered.
	AGRICULTURE AND MARINE RESOURCES	
07 IT LADA 01NQ	Innovative and eco-compatible agricultural processes to protect against phytophagouses	An Italian public organization, involved in technological energy and environmental projects, in cooperation with university research centres, has developed new eco-compatible methods to treat phytophagous which limit some cultivation in the south of Italy, useful for each agricultural area. Licence, commercial agreement with technical assistance and financial resources are sought.
07 GB SCTI 01MM	Novel tank design for commercial tuna breeding	A Scottish company has developed a range of technologies for the commercial breeding/propagation of Bluefin Tuna, and is suitable for hatchery development in countries that have a failing fishing industry or the selling-on of the juveniles to existing tuna farming facilities that currently use the diminishing wild stocks for their juvenile supply. Contact is welcome from organisations interested in funding development, facility licensing or joint venture/collaboration of this technology.
	BIOLOGICAL SCIENCES	
07 NL NLSE 01FE	Elastic vesicles for topical application of drugs	A Dutch university has developed a new series of easily deformable vesicles with elastic membranes entirely based on surfactants. These elastic vesicles are very promising candidates for topical application of moderate hydrophilic drugs that can be bound to the vesicles, partitioning very fast into the horny layer of the skin together with the vesicle bound drug compared to rigid conventional vesicles. The organisation is looking for partners for technical cooperation to test new applications.
07 ES CACI 01HOP	Optical neuro-imaging for non-invasive stem cell tracking after brain transplantation in transgenic models of neurodegenerative diseases	A research group from Barcelona has a large experience on gene and cell therapy by using stem cells. They have developed a non-invasive technique to track stem cells after brain transplantation. This technique can be used on neurodegenerative diseases such as Huntington's disease. The group is looking for a partner from industry or academia to establish technical cooperation or research collaboration.
07 IT LOAS 01BR	Prevention, inhibition and reversion of ocular neovascularisation	A major Italian charity has developed new methods for preventing, inhibiting, and/or reversing ocular neovascularisation in mammalian subjects by interfering with the Hedgehog signalling pathway. Ocular neovascularisation is responsible for many diseases, including age-related macular degeneration, diabetic retinopathy, neovascular glaucoma, and retinal vein occlusion. Partners should develop drugs/compounds/vector-based gene delivery systems for treatment of the above-mentioned diseases.
07 GB EAST 01FO	A Scaleable and Defined System for Generating Clinical Grade Neural Stem Cells from Human Embryonic Stem Cells	A research group at a UK university has developed a novel, scaleable and widely applicable system for deriving and propagating neural precursor cells from human embryonic stem cells without the use of animal products, proprietary formulations or genetic manipulation. Partners for licensing and further development are sought.
07 DE SDST 01MN	Innovative Spray Waterway and Spray Airway Disinfectant for Turbines, High and Low Speed Handpieces and Contra Angles in the Dental Market	The south German SME is a manufacturer for routine medical use. It developed the first standardised method to process high and low speed handpieces, contra angles and turbines manually for dental use. The solution is used for the gentle, easy disinfection of water- and airways. It is the first company which proofed the disinfection inside these channels of dental instruments directly. The company is looking for licensees throughout Europe.
07 FR SOAA 01A4	Urethral calculus extractor	A team of researchers at a Russian medical university has developed an extractor for removal of urethral calculus. The extractor can be used in urinology and urologic surgery. The advantages are effective urethral calculus removal and fewer complications due to poor kidney drainage and tissue damage common in other approaches; the extractor offers a possibility of using lithotripsy without damaging the tissues. The team is looking for partners to develop production and sales.
	ELECTRONICS, IT AND TELECOMMS	
07 GB SCTI 01IM	Energy Efficient Robust Liquid Crystal Display	A Scottish university has developed a new reflective bi-stable liquid crystal display which requires power only to change a displayed image. The technology is therefore ideal for largely static advertising uses, and in addition requires no backlighting due to its reflective properties. It can operate independently from connected power sources. Interest in licensing or joint further development is welcomed.
07 ES MADG 01I8H	Assistant robot for surgical instrumentalist's functions in the environment of an operating room	A research group from the Electronics Department of a Spanish university has developed a robot that, by recognising words from different people, identifies the speaker announcer and executes the necessary movements to gather and deliver the set of instruments used in a surgical operation. The robot acts as a surgical instrumentalist. The group is looking for partners for license agreements or commercial agreements with technical assistance.
07 ES SSIT 01HY3	Camera for 3D vision and distance measurement	A Canarian university has developed a phase camera for tomographical 3D spatial object and distance measurements, with application to different fields such us industry, robotics, astrophysics, photography, ophthalmology diagnosis or even the movie industry. The university is looking for companies or centres to establish license agreements.

ΚΩΔΙΚΟΣ	ΤΙΤΛΟΣ	ΠΕΡΙΛΗΨΗ
07 DE DSIT 01E8	Portable robot system for discontinuous applications	A German SME has developed a portable robot system equipped with a graphical interface that can be moved within a production site using a forklift. It is quickly mounted to a defined position using fixing bolts countersunk in the floor. The working space is protected by a sensor-controlled laser security fence. The company is seeking partners from the manufacturing industries for commercial agreements with technical assistance.
07 ES CACI 0194	Identity Card Automatic Reader	A Catalan technological spin-off specialising in automatic reading of structured documents has designed a complete and flexible product for reading personal identification documents (passports, ID cards, driving licenses, residence cards). They are seeking commercial agreements in diverse sectors due to the flexibility of the product, which facilitates the work of transcribing data from paper documents to an electronic format.
07 DE SDTA 01C2	Advanced 3D Motion Controller (advanced computer mouse)	A German university has developed a 3D Motion Controller (advanced computer mouse) for precise interaction with virtual objects. A trackball is elastically suspended within a specifically shaped frame allowing three degrees of freedom. The trackball manipulated with fingertips from two sides can be gently moved in all special directions to induce translational input through optical sensors. The controller is designed as a desktop device. The proponent seeks licensee/technical cooperation.
07 BE BIRC 01JN	Satellite-based Internet broadband to trains' system	A Belgian company, broadband Internet access provider for trains, has developed the world's first bi-directional satellite communications system able to deliver high speed Internet to high speed trains. Passengers have Internet connection and a variety of entertainment services streamed to their laptop screens by equipping trains onboard with video servers and Wi-Fi networks and externally with a proprietary bi-directional satellite antenna. Different kinds of agreements are sought.
	INDUSTRIAL MANUFACTURE, MATERIAL AND TRANSPORT TECHNOLOGIES	
07 TR TEEU 01GS	CNC Condenser Welding Machine	A Turkish SME specialised in the machinery sector would like to promote a CNC Condenser Welding Machine that is offering an advantageous solution for efficiency. The company seeks technical and/or commercial partners from the European market with particular expertise on the implementation of this machine. The company is looking for license agreements, technical cooperation and commercial agreements with technical assistance.
07 DE DSBT 01L9	Fuel cell systems for mobile applications - development, integration and testing	A Saxon research institute has developed fuel cell based drive train with high reliability by means of redundant systems - particularly for public transport sector - with hydrogen polymer electrolyte membrane (PEM) fuel cells, offering local emission free and high efficient energy conversion in vehicles.Available are pure lean drives or hybrid combinations with energy storages (high-performance batteries, super capacitors).The institute is searching for technical co-operation.
07 RO RISC 0H4R	Technology of anticorrosive protection by thermal pulverisation for marine and industrial environment	A Romanian research institute elaborated a technology of anticorrosive protection by thermal pulverisation for marine and industrial environment. It also supposes the experimental checking of protection lifetime. The Romanian institute is looking for industrial partners to develop similar technologies.
07 GB SWRD 01MQ	Innovative and radically new polymer welding technology	A UK SME has developed an advanced polymer welding technology which can weld polymers together with no weakness in the join. The technology has been verified by exhaustive laboratory tests at the UK Welding Institute. The technology has the potential to transform industrial processes providing significant advances across the commercial, environmental and defence sectors. The company is looking for strategic alliances to assist in the exploitation of numerous potential market applications.
07 DE SDST 01E1	Sterilisation by plasma processes	An institute of a German university, specialised in low-pressure microwave plasmas, has developed plasma processes applicable on an industrial level for surface sterilisation of 2- and even 3-dimensional substrates. Plasma sterilisation relies on dry processes without usage of dangerous or even toxic substances, providing inactivation of microorganisms by several orders of magnitude down to the sub-second timescale. The institute is looking for industrial partners for technical co-operation.
07 DE NRXE 01CN	Know-how and expertise in composite materials	A German network of complementary university and research institutes has extensive and unique know-how in the area of composite solutions for aeronautics, vehicles and machines. They offer to transfer this know-how or individually tailored solutions, e.g. in technical textiles, plastics, lightweight structures etc. to industrial companies via technical co-operation, licensing, commercial or manufacturing agreements.
07 DE SDST 01ER	Plasma barrier coatings on polymers	An institute of a German university specialised in low-pressure microwave plasmas has developed plasma processes applicable on industrial level for surface treatment and coating convenient for a great variety of polymers. Plasma coatings provide excellent multiple barrier properties towards gas diffusion in particular. Plasma surface pre-treatment produces excellent adhesion even on thermally sensitive polymers. The institute is looking for industrial partners for technical co-operation.
	OTHER INDUSTRIAL TECHNOLOGIES	
07 DE NRXE 01JK	Know-how, process design and practical solutions for treatment of complex industrial effluents and waste gases	Small German company specialises in bioprocesses to solve complex environmental problems. Industrial effluents and waste gases are treated individually to reach lower sludge production, lower energy consumption and better process efficiency. End-users are sought to adapt the processes to their requirements as well as engineering partners for joint development, engineering and construction.
07 ES MAOT 0102	Synthesis gas production from CH4 and CO2 rich gases using microwave heating and carbon-based catalysts.	A Spanish Research Institute has patented a new method to obtain synthesis gas from CH4 and CO2 rich gases, like biogas. The advantages are that the process does not require steam generation, does not use any other external oxidant agent and does not use metallic-based catalyst. The main interest is the industrial development of this process. Thus, the Institute is looking for industrial partners from the energy, chemical or petrochemical sector, who are interested in developing the patent.
	ENERGY	
07 ES ACIC 01IX	Water powered engine for energy generation	A researcher from the region of Navarra in Spain has developed an engine which by the sole use of water releases energy. The engine is based on Pascal's theory on hydrostatics by which the downward pressure of water (or any other liquid) releases energy, omitting residuals. A technical co-operation agreement is sought for its further development.
07 IS WSTI 0167	Sustainable energy production with either hydropower or geothermal power	An Icelandic company, a leader in hydropower and geothermal power projects, offers optimum energy solutions. New solutions in all areas of the activity aim at lowering production - and transmission cost of electricity and to minimize the impact on the environment. The company is looking for industrial partners as well as municipalities involved in the electricity/energy sector and wishes to reach commercial agreements with technical assistance.
07 ES SSIT 01D9	System of independent air-conditioning without external energy sources	A Canarian inventor has developed an independent air conditioning system of 3000 negative kilo-calories which does not need any source of power supply from the exterior as it produces its own energy and is self-sufficient. The inventor is interested in establishing license agreements with industrial companies.