

TECHNOLOGY OFFERS

HUNGARY

Digital dermoscopy device

Our partner, a Hungarian SME has created a novel digital dermoscopy device and analyzing software connected to it. The product was developed to examine pigmented skin lesions and to diagnose their malignancy automatically. This purpose is inspired by the fact that skin cancer tumors (like Melanoma Malignum) belong to the most rapidly increasing cancers in the world. They are interested in a license agreement.

Area of Application

Typical application areas are:

- Dermatology
- Cosmetics
- Law enforcement: bank note checking

Typical customers are

- Dermatologists
- Cosmeticians
- Dermatology patients

Advantages

- Easy usage
- The image recording device can take an image series from a pigmented skin lesion with different illuminations.
- A database of patients can be easily made, which helps the users to follow the changes of their lesions. With this feature, higher accuracy recognition of many malignant diseases can be achieved.
- The automatic diagnosis feature allows the product to be used both by experts and untrained persons.

Development Status

Laboratory model

Legal Protection

Patent

Transfer Terms

- Technology licensing
- Equipment supply
- Research partnerships

Target Countries

Worldwide

Central venous catheter system

A Hungarian medical research institute has developed a central venous catheter system for subclavian or jugular vein puncture. The kit contains the following items: insertion needle with the patented two-way valve system, syringe to check if the catheter is in place, the catheter itself, wrapped in sterile package and plastic adaptor to lock the catheter securely after the removal of

the needle. The patented "HunCath" catheter system is a novel alternative to a safer catheter which can be widely used in techniques, such as pacemaker electrodes.

Area of Application

Medical technologies

Advantages

Among all catheters currently used this product bears with the lowest risk for the patient and the easiest use for the physician.

Development Status

Commercial prototype

Legal Protection

Patent

Technical specifications

- Requires fewer changes of grip during introduction of the catheter into the vein; therefore, accidental withdrawal of the catheter is less likely.
- The "HunCath" can be inserted into the vein

Transfer Terms

- Subcontracting
- Technology licensing

For the above two offers, contact:

Laser Consult Ltd
H-6701 PO Box 1191
Szeged
Hungary

Composting process using microbes and herbal extracts

Herbal extracts along with the microbes are used for the preparation of the compost which is quite effective in the controlling the soil pathogens and increasing the yield. We could offer an easy method of preparation using the agricultural waste.

Area of Application

Agriculture

Environmental Aspects

Waste utilization

Development Status

Pilot plant

Legal Protection

Patent filed

Transfer Terms

- Joint venture
- Technical services
- Technology licensing
- Research partnerships

INDIA

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Target Countries

Worldwide

Contact:

Hiran Biotech

Research and Development Division

66 Turner Road Cantt.

Kanpur 208004, U.P.

India

Herbal termite killer formulation

This is an herbal formulation for instant termite killing. The patent application is pending for the formulation. It holds the potential to wipe-off existing products and hold monopoly in the market. IT is equally good in fields and with furniture etc.

Area of Application

Woodwork, furniture, agriculture, house, offices.

Advantages

Non-toxic, cheap and highly effective

Environmental Aspects

Cleaner production

Development Status

Commercial prototype

Legal Protection

Patent

Transfer Terms

Technology licensing

Contact:

Intellectual Property Lab

2/11, Vishwas Khand-2,

Gomti Nagar,

Lucknow - 226010

India

Retort pouch technology

The technology relates to a ready-to-serve fish curry in retortable pouch. The technology provides a method for preparing the ready-to-serve fish curry in retortable pouch with excellent storage stability and quality with a shelf life of more than one year at ambient temperature.

Area of Application

Food, meat, fish processing

Advantages

- The technology provides a method for preparing the ready-to-serve fish curry in retortable pouch with excellent storage stability and quality.
- The ready-to-serve fish curry is thermal processed and do not require any further processing before consumption.
- The thermal processing conditions have been standardized for this product in order to make it safe for consumers.

Environmental Aspects

Energy efficiency

Development Status

- Pilot plant
- Fully commercialized

Transfer Terms

- Consultancy
- Technical services
- Technology licensing

Virgin coconut oil

Virgin Coconut Oil (VCO) is the oil obtained from fresh, mature endosperm (kernel-meat) of the coconut by mechanical or natural means, with or without use of heat, no chemical refining, bleaching or deodorizing and maintain the natural aroma and nutrients.

Area of Application

Many potential applications in food, health and cosmetics sectors.

Development Status

- Pilot plant
- Commercial prototype

Transfer Terms

- Consultancy
- Technology licensing

Chitin and chitosan

Chitin and chitosan are important byproducts from the shell of shellfishes. Chitin is the most important organic constituent of the exoskeletal material of invertebrates and the important economical source of this material is the shrimp processing industry. Chitin and its derivatives, chitosan find various industrial applications like, biotechnology, food processing, pharmacy and medicine.

Area of Application

Various industrial applications like biotechnology, food processing, pharmacy and medicine.

Advantages

Chitin and its derivatives, particularly chitosan find industrial application in various fields namely flocculation, paper making, textile printing and sizing, ion exchange chromatography, removal of metal ions from industrial effluents, manufacture of pharmaceuticals and cosmetics and as an additive in food industry.

Environmental Aspects

Waste utilization

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Development Status

- Pilot plant
- Fully commercialized

Transfer Terms

- Consultancy
- Technology licensing

For the above three offers, contact:

Central Institute of Fisheries Technology
CIFT Junction, Matsyapuri, Willingdon Island
Cochin - 682029
India

Nanoparticle for drug delivery

The technology suggests a sustained-release nanoparticle composition composed of a copolymer of a Nalkylacrylamide, a vinyl monomer, and a polyethylene glycol conjugate for preventing or treating a disease or a condition. The said nanoparticle composition further contains a therapeutic agent such as an antibiotic, anti-restenotic agent, anti-proliferative agent, anti-neoplastic, chemotherapeutic agent, cardiovascular agent, anti-inflammatory agent, immunosuppressive agent, or anti-tissue damage agent. Such nanoparticle compositions generally have a diameter in the range of 20 nm to 100 nm and are used locally for the prevention or treatment of diseases or conditions. The said technology also suggests a method for using a sustained-release nanoparticle composition for preventing or treating a disease or condition. The preclinical studies of this technology have been performed on animal model (rat).

Area of Application

Medical industry

Advantages

- The technology can be used for delivery of various pharmaceuticals agents.
- Provides efficacious treatment.
- It is an adjunct to the existing approaches.
- Nanoparticle prolongs the release of drugs and thus make it bio-available for longer duration.

Development Status

Laboratory model

Legal Protection

Patent

Transfer Terms

Technology licensing

Target Countries

India

Contact:

SkyQuest Technology Consulting Pvt. Ltd.
501, Krishna Complex, Opp. Devashish School,
Bodakdev Ahmedabad - 380054
India

Decortication of fibrous plants

Technology allows for extraction of bast fibers from straw by so called decortication process without prior drying of the straw which considerably influences the price of the fiber and simplifies the process resulting in energy, labor and cost reduction. The key elements of the technology are decortication device allowing for processing of non-retted hemp and flax stems and cleaning unit. High efficiency machines produce a "green" fiber of quality suitable for pulp or composite materials production. Produced fiber is baled in 300 kg bales by hydraulic press.

Area of Application

Bast fibrous plants processing industry; Farm cooperatives focused on bast fibrous plants production

Advantages

- High output
- Energy savings
- Purity of end-product (fiber)
- Straw can be processed without prior drying

Environmental aspects

- Cleaner production
- Waste utilization
- Energy efficiency

Development Status

Fully commercialized

Legal Protection

Patent

Technical specifications

- Processing capacity: 1.5 t of straw/h
- Energy consumption: 110 kw/h
- End purity of produced fiber: 10-15%
- Service requirements: 3 people

Transfer Terms

Technology licensing

Contact:

Institute of Natural Fibres and Medicinawl.
Wojska Polskiego 71B Poznan
Poland
Zip/Pin Code: 60-630

TECHNOLOGY REQUESTS

CHINA

Disposable syringes plant

We need complete consultancy and technical know-how to manufacture Disposable Syringes of 2 ml and 5 ml using Semi-Automatic Disposable Syringes plant.

Area of Application

Clinics and hospitals

Project Type

New idea

Contact:

Ploytex Chemical Engg. Co.

No.317 Wenhuidong Rd, Yangzhou city, Jiangsu

China 225009

Syringe making plant

An Indian firm is interested in setting up a Syringe making plant. They need consultancy and price quotes for this project.

Area of Application

Pharma industry

Project Type

Start-up

Contact:

Mr. M.K. Sharma Shree Cement Limited

Bangur Nagar Beawar - 305901

Tel: +91 - 01462 - 228101 to 05

Fax: +91 - 01462 - 228117 to 19

E-mail: sharmamk@shreecementltd.com

Quinine sulphate

We are looking for the detailed process from actual experienced persons or organisations.

Area of Application

Malaria treatment

Project Type

Start-up

Contact:

Auro Associates B-12,

Dhanlaxmi Complex, Nr. Samta Society, Subhanpura,

Baroda 390021, India

Shoe manufacturing system or machine

We are looking for the technology that can help us to produce shoes. We also want to know detail of the technology such as, specification, price, etc.

INDIA

THAILAND

Area of Application

Textile industry, Manufacturing industry, Shoe manufacturing industry

Transfer Terms

- Consultancy
- Joint venture
- Equipment supply

Project Type

Start-up

Target Countries

Worldwide

Contact:

Textile Development Co., Ltd.

43/43 Moo 2 Soi Prompian 6, Tambol Bansuan, Muang

Chonburi

Thailand 20000

Proteins and polyphenols from plant materials

We are looking to identify new processes or technologies which are able to effectively remove / extract proteins and/or polyphenols from dried plant materials, with the aim of using the remaining material in a consumable product.

Area of Application

Consumable product

Transfer Terms

- Joint venture
- Technical services
- Technology licensing

Project Type

New idea

Target Countries

Worldwide

Contact:

Strategic Allies Ltd.

The Red & White House 113, High Street

Berkhamsted, U.K. HP4 2DJ

United Kingdom

UNITED KINGDOM

Climate Technology Centre and Network

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