Business Offer

The Turkish company is looking for distributors for its functional soft, juicy and dried fruit products enriched with useful antioxidants

Summary

A Turkish company from Izmir region is specialized in processing dried fruits. The company excels in packaging dried fruits of different varieties and currently exports to USA and Canada in collaboration with its own subsidiary company. The company recently develops a new technique in which dried fruits are enriched with useful antioxidants extracted from green tea. The company is looking for distributors, specifically supermarket chains for its product.

Creation Date	14 July 2017
Last Update	26 July 2017
Expiration Date	24 July 2018
Reference	BOTR20170714001

Details

Description

The Turkish company located in Izmir is specialized in producing packaged dried fruits. The company has an exclusive research and development facility which has the capability to do almost all the testing and also research without any need to subcontracting. The company recently developed a new technique and combined the anti oxidants obtained from green tea with dried fruits.

The combination is a new technique in which the anti oxidants extracted is directly inserted into dried fruits. In that process the idea is to add natural phenolic compounds, which are not naturally found in dried fruits, having high antioxidant activity.

Dried fruits have also naturally phenolic compounds and different beneficial effects however the company aims to provide consumers taking phenolic compounds without causing any change in taste of the dried fruit.

The company aims to deliver soft dried fruits with enriched anti oxidants to supermarket chains under distribution agreement.

Advantages and Innovations

The amount of natural compounds having positive impacts on human health of fruit products may decrease during storage and the products lose their antioxidant activities. Increasing the amount of phenolic compounds of the products provides naturally healthy compounds during storage.

In this project, the packages and the products are designed as that the green tea polyphenol

content of one serving portion of functional raisins is equal to one serving portion of green tea.

The shelf life is calculated and guaranteed as 12 months. The confidence in shelf life stability lies in pasteurization process applied to fruits having high moisture content. Moreover, pasteurizaton process causes the surface of the fruit smooth and some portion of the essential juice still remains inside.

Another advantage is that a substance catechin found inside green tea, avoids the loss of phenolic compounds which are healthy for human biology. Since the final product is also pasteurized, it is possible to use the soft dried fruit in baking processes as fruit ingredient.

Stage of Development

Already on the market

IPR Status

Patents granted,Trade Marks

Comment Regarding IPR status

National patent granted.

Profile Origin

National or Regional R&D programme

Keywords

Technology

08001002	Food Additives/Ingredients/Functional Food
08001003	Food Packaging / Handling
08002	Food quality and safety
08002002	Food Microbiology / Toxicology / Quality Control

Market

05009001	Food & feed ingredients
07003002	Health food

NACE

C.10	Manufacture of food products
C.10.3	Processing and preserving of fruit and vegetables
C.10.3.9	Other processing and preserving of fruit and vegetables

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group
Bio Chem Tech

Client

Type and Size of Organisation Behind the Profile
Industry >500

Year Established
1992

Turnover
20 - 50M

Already Engaged in Trans-National Cooperation
Yes

Experience Comments
The company has BRC and IFS certification.

Certification Standards
ISO 9001:2008
ISO 22000:2005

Languages Spoken
English

Client Country
Turkey

Partner Sought

Type and Role of Partner Sought

Type of Partner: Supermarkets, food chains.
Role of Partner: It is expected that the ideal partner displays company's novelty products and regularly orders of a certain amount discussed on contact. The partner is expected to have a reliable payment strategy.

Distribution services agreement is being offered.

Type and Size of Partner Sought

SME 11-50,>500 MNE,SME 51-250,>500

Type of Partnership Considered

Distribution services agreement

Attachments

Technology Request

R&D partners sought on the development of textile goods applicable to medial area

Summary

A Korean university majoring in the textile engineering hopes to apply for an R&D project such as Horizon 2020 or others with Korean yarn and fabric manufacturing companies regarding medical textiles. The project idea is to develop sensor embedded garment and commercialize it by applying it to the medical clothing. Any partners interested in the development of textile goods under a research cooperation agreement and a technical cooperation agreement are welcomed.

Expiration Date	18 April 2018
Reference	TRKR20170412001
Profile link	

Details

Description

In Daegu city, South Korea, there are many kinds of textile companies and research institutes since it is the textile heart of the country. In addition, Daegu city is a medical town accumulated with various medical hospitals. These textile companies and medical hospitals hope to develop a patient uniform(garment) which is made of sensor embedded fabric.

Based on the demand of textile and medical industry, a Korean university located in Daegu city is looking for a European partner (SME or research institute) who possess a sensor embedded yarn manufacturing technology.

To conveniently and accurately check the status of patients by data exchange through the sensor embedded in the clothing, a patient uniform (garment) for a heart disease patient should be developed to enhance better mutual communication between the patient and the medical doctor.

The university wants to find European partners who can offer yarn and fabric manufacturing technology using iron or carbon embedded fibres.

The role of Korean university on the R&D consortium is to make sensor embedded yarns and fabrics, which is carried out using university's facilities. This will be performed through communication with European partners about sensor embedded technology.

Also, the university is hoping to apply for H2020 under the topic of development of a patient clothing/gowns. Apart from H2020, other European funded projects can be considered upon discussion. The partner should be interested in the research cooperation agreement and the technical cooperation agreement.

Technical Specification or Expertise Sought

Technical specifications of the partners for which a university is looking are as follows; (a)SME being capable of manufacturing sensor embedded yarns and fabrics (b)design company or research institute related to the sensor imbedded garment applicable to the patient uniform in the medical section.

Stage of Development

Proposal under development

IPR Status

Copyright

Keywords

Technology

03005009	Woven technical textiles for industrial applications

Market

08003005	Other industrial machinery for textile, paper & other industries

NACE

C.13.9.5	Manufacture of non-wovens and articles made from non-wovens, except apparel
C.13.9.6	Manufacture of other technical and industrial textiles

Open for EOI : Yes

Dissemination

Send to Sector Group

Textile and Fashion

Client

Type and Size of Organisation Behind the Profile

University

Year Established

1947

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English

Client Country

South Korea

Partner Sought

Type and Role of Partner Sought

- Type of partner sought: SME or public research institute
- Specific area of activity of the partner: the partner should be an ICT or textile industry performing manufacturer or designer
- Task to be performed: A university hopes that the partner possesses manufacturing technology related to sensor embedded yarn and garment design.
(a) SME that can manufacture sensor embedded yarns and fabrics.
(b) design company or research institute related to the sensor imbedded garment for a heart disease patient uniform in the medical section.
The partner should be interested in applying for H2020 or other European funded projects.

Type of Partnership Considered

Technical cooperation agreement
Research cooperation agreement

Technology Offer

Single-use electrochemical eco-friendly sensors based on herbal silver nanoparticles

Summary

A group of researchers from department of pharmaceutical technology of a university located in Izmir, Turkey has developed electrochemical single-use, eco-friendly sensor platform based on herbal silver nanoparticles (AgNp) in order to detect heavy metals in water. Specificly, an extensive research is conducted for the analysis of mercury ions. Licensees from industry specialized in pharmaceutical technology are sought to scale this technology to industrial level by licensing agreement.

Creation Date	18 July 2017
Last Update	25 July 2017
Expiration Date	25 July 2018
Reference	TOTR20170718002

Details

Description

A group of researchers specialized in pharmaceutical applications from a state university located in Izmir, Turkey has developed a single use eco friendly sensor to detect unwanted heavy metals in water, especially mercury ions which is severely dangerous for human health.

Heavy metals but especially mercury ions may cause environmental pollution, and soil pollution caused by mining practices, fertilizer and pesticides and chemical substances from industrial wastes. Agriculture in polluted soil by heavy metals becomes a source of contamination for food chain. Thus, it becomes harmful for human health as well as for other living systems.

The existing technologies for the mercury analysis like fluorescence, atomic absorption spectroscopy, inductively coupled plasma optical emission spectroscopy are really expensive. And also they have a difficult analysis procedure.
In the present invention, vegetable origin with silver nanoparticles (AgNp) modified green sensor has been developed for the rapid, sensitive and selective electrochemical analysis of mercury (Hg2 +)
Mentioned invention is related sensors which are plant-derived, obtained with the green synthesized nanoparticles comprise silver are used for mercury analysis.
In near future test kits could be developed as a result of combination with the environmentally friendly disposable sensor and chip technologies within the scope of this invention.

The commercialization potential of the developed sensor is very high, due to its ability of continuous analysis of mercury contamination in water samples. Mercury is a potent neurological toxin and also it can cause kidneys, respiratory system, immune system, mouth tooth and skin disorders. Having known from academic studies, mercury concentration increases in water and food chain due to many reasons.

Due to this commercialization potential it is aimed to collaborate with an industrial partner who would be interested in licensing this technology and scale up to industrial level to obtain the commercial product.

Advantages and Innovations

Main advantage is that the sensor is disposable and environmentally friendly. Also, this product enables removal heavy metals like mercury in water in a short time with high sensitivity. Finally, it is cost effective, practical to use and provides quick testing opportunity for mercury (Hg2 +) analysis.

Stage of Development

Field tested/evaluated

Comments Regarding Stage of Development

Scale up is essential to reach the final product although a number of tests are successfully completed.

IPR Status

Patents granted

Comment Regarding IPR status

Patent granted nationally.

Profile Origin

National or Regional R&D programme

Keywords

Technology

01003023	Environmental and Biometrics Sensors, Actuators
03004007	Pharmaceutics
05002001	Biosensor
10002013	Clean Production / Green Technologies

Market

04017	Micro- and Nanotechnology related to Biological sciences

NACE

M.72.1.1	Research and experimental development on biotechnology

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group
Bio Chem Tech

Client

Type and Size of Organisation Behind the Profile
University

Year Established
1955

Already Engaged in Trans-National Cooperation
Yes

Languages Spoken
English

Client Country
Turkey

Partner Sought

Type and Role of Partner Sought

Type of Partner: Industrial manufacturer specialized in developing biotechnological products, test kits and similar analyzing equipment as well as manufacturer partners specialized in environmental technologies are also welcome. Both type of partners are expected to have a comprehensive laboratory facilities.

Role of Partner: The ideal partner is expected to license the mentioned technology and develop

commercial bio sensors to analyse contamination levels in water. As a result a scale up study will be needed to commercialize the technology. Moreover, it would also be possible to develop test kits as a future work.

Type and Size of Partner Sought

SME 11-50,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

License agreement

Attachments