Technology sought for determining colour code of textiles

Summary

A Lithuanian active leisure and sports clothing manufacturer is looking for partners that would be able to supply the company with an existing technology that is able to determine the colour (by its colour code) of textiles used in the clothing manufacturing process. The type of partnership sought is commercial agreement with technical assistance.

Creation Date	05 April 2017
Last Update	06 April 2017
Expiration Date	06 April 2018
Reference	TRLT20170405001

Details

Description

With roots dating back to 1931, this Lithuanian company is one of the largest active leisure and sports clothing manufacturer in the Baltics. The main activities of the company include designing, developing and manufacturing clothing, suitable for active leisure and sports.

The company is continuously improving and renewing their product range by implying recent technological developments in textile and other sectors. In order to support this, constant improvements are required for their manufacturing process in order to maintain their status as a leader.

At the moment the company is looking to improve their production lines with technology allowing to determine the colour code of textiles that they use. The technology should be already existing and the partner providing the technology should provide support implementing the technology into the manufacturing process – for this a commercial agreement with technical assistance is the most suitable form of cooperation.

Technical Specification or Expertise Sought

No specific technical restrictions are given by the company as long as the technology is implementable and proves functional.

Stage of Development

Available for demonstration

Comments Regarding Stage of Development

Should be an already existing technology that could be implemented without further research on a relatively short notice.

Keywords

Technology

02003003	Component integration
03003	Apparatus Engineering
09001006	Optical material testing
09001007	Optical Technology related to measurements
09001008	Other Non Destructive Testing

Market

08002002	Industrial measurement and sensing equipment
08002003	Process control equipment and systems

NACE

C.14.1.3	Manufacture of other outerwear
C.14.1.4	Manufacture of underwear

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group

Textile and Fashion

Client

Type and Size of Organisation Behind the Profile

Industry 250-499

Year Established

1992

Turnover

20 - 50M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
Russian
Lithuanian

Client Country

Lithuania

Partner Sought

Type and Role of Partner Sought

The role of the partner is to provide the technology that allows to identify colour code for textiles and to provide support for implementing this technology into an industrial textile product manufacturing process.

Any type of partner is suitable that is able to fully fulfil the described role under commercial agreement with technical assistance.

Type of Partnership Considered

Commercial agreement with technical assistance

Attachments

Technology Request

UK fashion company seeks digital interface expertise for technical cooperation

Summary

A UK fashion company associated with a major UK school of art is looking to diversify the business with new product development in the area of SMART textiles. The company is seeking digital interface expertise for research and technical cooperation agreements to develop and investigate fabric surfaces that have the ability to take a photographic image in a printer-less and interactive method. This technical collaboration will focus on experimentation and development of new products.

Creation Date	10 November 2016
Last Update	17 November 2016
Expiration Date	17 November 2017
Reference	TRUK20161110002

Details

Description

A UK fashion company, whose owner has an internationally reputation, is looking to diversify the business with new product development in the area of SMART textiles. The company has strong links with a school of art in the UK.

The fashion design company seeks expertise in the field of digital app development:
- to develop a custom digital interface such as an App or innovative device that acts as transmitter.
- to investigate fabric surfaces that have the ability to take a photographic image in a printer-less and interactive method

This collaboration will aim to develop new creative technologies for textiles goods. The company may also be interested in collaborative research projects under EU research programmes.

Technical Specification or Expertise Sought

The expertise sought should be active in the field of digital interface exploration and app development.

Stage of Development

Concept stage

IPR Status

Copyright

Keywords

Technology

01003006	Computer Software
01003014	Internet Technologies/Communication (Wireless, Bluetooth)

Market

02007007	Applications software
07004001	Clothing, shoes and accessories (including jewellery)

NACE

R.90.0.3	Artistic creation

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group

Creative Industries

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

Year Established

2014

Turnover

<1M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
German

Client Country

United Kingdom

Partner Sought

Type and Role of Partner Sought

This technical collaboration will aim to experiment and develop new creative technologies for textiles goods.
Expertise is sought around interface and software development at either research or commercial level.

Partnerships may develop for future collaborative EU funded projects.

Type and Size of Partner Sought

SME 11-50,University,Inventor,R&D Institution,SME <10,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

Technical cooperation agreement

Attachments

Technology Request

Spanish company looking for a smartwatch manufacturer with specific features

Summary

Spanish company, specialized in software development for wearables technologies, is looking for a partner capable of manufacturing a smartwatch with certain technical specifications. The company is looking for manufacturing agreement.

Creation Date	14 October 2015
Last Update	18 May 2017
Expiration Date	09 October 2017
Reference	TRES20151014001

Details

Description

The market of wearable technologies is rapidly growing up through smart glasses, smartwatches, armband bracelets, intelligent clothing, augmented reality, health bands, etc. All of these devices are in need of apps in order to provide the best experience to users.

Because of that, the past few years, the Spanish company has developed a wide range of applications for wearable technologies intended to different sectors such as medicine, retail, tourism, emergencies, security, etc.

Next step for the Spanish company is the launching of its own smartwatch with the features stated in the “Technical Specification or Expertise” field.

The company is looking for a partner able to manufacture a smartwatch that incorporates the previous features under manufacturing agreement. Additionally, prior to the production process the desired partner should be able to provide a rough estimation of both fixed cost (design, firmware development, tooling, samples, etc.) as well as a rough estimation of the variable cost (cost per device when manufacturing).

The estimated production starts with 2.000 units and is expected to reach one million within two years and the time-to-market production must be eight months.

Technical Specification or Expertise Sought

-Heart rate
-Touch screen
-Speaker
-Microphone
-SIM & Network (2.5/3G)

-IP68 (water and dust resistant)
-Bluetooh 4.0 BLE (Bluetooth Low Energy)
-Pedometer
-NFC (Near field Communication)
-Accelerometer
-Gyro
-Battery (min. 2 days)
-SO Android

Keywords

Technology

01002003	Electronic engineering
01003005	Computer Hardware

Market

03001009	Other electronics related (including keyboards)
09004008	Other manufacturing (not elsewhere classified)

NACE

J.58.2	Software publishing

Network Contact

Issuing Partner
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Open for EOI : Yes

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

Year Established

0

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
Spanish

Client Country

Spain

Partner Sought

Type and Role of Partner Sought

The company is looking for partners with experience in the manufacturing of wearable devices at a competitive price and quality, and able to provide a time-to-market production of eight months.
The type of partnership sought is manufacturing agreement.

Type of Partnership Considered

Manufacturing agreement

Attachments

Technology Request

Technical cooperation in implementation of a 5-axis 3D printing technology with fused deposition modelling (FDM)

Summary

A company from Poland working on a project related with implementation of a new 5-axis 3D printing technology with focus on application in various industrial processes. The company is currently developing a project that assumes the use of a new 3D printer employing the fused deposition modelling (FDM) printing technology. Partners interested in starting technical cooperation and ready to share their expertise are welcome.

Creation Date	24 November 2016
Last Update	15 December 2016
Expiration Date	15 December 2017
Reference	TRPL20161124001

Details

Description

A Polish company dealing with 3D printing technologies and distributing computer-aided design, manufacturing and engineering (CAD / CAM / CAE) software aiding the design and manufacturing process in specific sectors of the industry with a knowledge driven focus on the field of mould and die industrial application, including the design and manufacture of plastic injection moulds, sheet metal stamping dies, progressive dies, 2D to 5-axis milling, electrode production, multi-axis laser cutting, wire electrical discharge machinines (EDM) and others. These products and technologies support various manufacturing industry sectors such as automotive, electronics, medical, white goods and aerospace.

The company is currently working on a project related with implementation of a new 5-axis 3D printing technology and is looking for international partners willing to share expertise and knowledge in that area. Technical cooperation agreement is considered.

Technical Specification or Expertise Sought

The project assumes the use of a 3D printer with the following technical parameters:

- large work surface with dimensions of 300 x 300 x 300 mm,
- 5 axis kinematics (X, Y, Z + rotation B, C) - there are no 5-axis printers available on the market using the fused deposition modelling (FDM) printing technology
- automatic replacement of printer heads,
- graphic interface with a 15" touchscreen

- closed working chamber with controlled temperature
- high definition video camera installed inside, for process monitoring
- dedicated software, for 5-axis printing

Keywords

Technology

02001001	3D printing

Market

08003007	Other industrial equipment and machinery

NACE

C.28.9.9	Manufacture of other special-purpose machinery n.e.c.

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

2015

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English
Polish

Client Country

Poland

Partner Sought

Type and Role of Partner Sought

Partners ready to provide technical cooperation in development of the project in implementation of a 5-axis 3D printing technology.

Type and Size of Partner Sought

SME 11-50,University,R&D Institution,SME <10,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

Technical cooperation agreement

Attachments

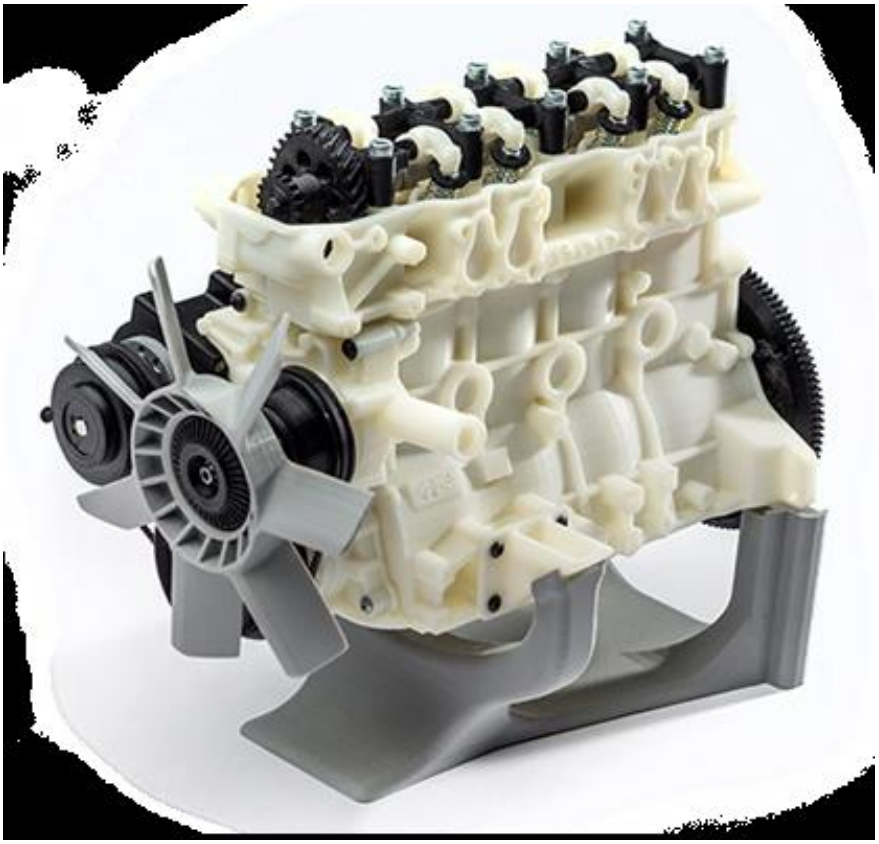
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