Enterprise Europe Network support research to innovation

Gianluca Rossi

Warrant Group - MENFRI

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EEN in the world and it’s partners

Close to 600 Partner Organisations in more than 50 Countries, 4,000 employees in 100 Consortia
Mission Statement

Helping SME’s make the most of business opportunities in the EU
The network stimulates successful innovation, reinforces the innovative capacity of enterprises throughout Europe and contributes visibly to lasting growth.

- EEN experts can help the SMEs to find international business partners, source new technologies and receive EU funding or finance.
- And they can advise on issues so diverse as intellectual property, innovation, going international, or EU law and standards.
The EEN members

- know the market and speak the language
- are independent and objectively
- are specialised in stimulating innovation
- know their way around Universities, Research Institutes and Industry (multinationals as well as SME’s)
- encourage networking and collaboration
Three different types of EEN activities

**Transnational Technology Transfer**
- assess technology needs and capabilities of company or research centre
- match European technology offers and requests
- organisation of Technology transfer day (TTD) in different sectors
- organization of company missions
- Newsletter

**Assistance on H2020**
- advice on open calls, topics, funding schemes, administrative and financial issues and IPR details

**Internationalization**
- signposting to other Consortium members or EEN partners

SMEs
Universities
Public and private research centres
Technology Transfer

Technology Offer/Request

Expression of Interest

Partnership Agreement
Partner search

- Database & Network
- Brokerage Events
- Company Missions
Company Missions / Brokerage Events / Fairs
Search engine - database

Profile Detail

Optically tailored nanovoid coatings (10 ES 27F4 3MUA)

A Spanish public research organization has patented a new coating containing nanovoids of 1-50 nm (nano meters) diameters, whose manufacturing control determines the refractive index, color, density, mechanical and other coating properties. The process is easy to implement at industrial scale. Main applications are tunable filters, reflectors and color coatings, heat accumulators and efficiency enhancer of solar cells. They are looking for partners for Licensing Agreement.

Country: Spain
Type: OFFER
Date: 18.02.2011

A Spanish Research organization has developed a nanocoating containing nanovoids. The nanocoating process makes a specific use under controlled conditions of reactive magnetron sputtering technology to prepare tailored closed porosity coatings by controlling the gases composition, the sputtering power or the target distance.

The nanovoids (closed porosity) are formed directly during the film grown, therefore coatings are produced with no limit of thickness, even in the range of several microns. The microstructure is formed when the sputtering process is conducted in an atmosphere rich in gases like nitrogen or helium. This type of closed porosity modifies the refractive index of the deposited layer in a wide range of values, without a significant change in the chemical or mechanical stability of the deposited material. Therefore, manipulating the presence of such nanovoids specific microstructures can be produced, leading to the desired optical characteristics. Additionally, the conditions can be changed throughout the manufacturing process in order to create coatings consisting of different microstructures.

The manufacturing method is based on a fully operational technology easily implemented in the current processing lines in industrial scale.

This possibility opens the way to produce optical devices with accurate tailored characteristics.

Innovative Aspect:

- The unique innovation provided by this system is the possibility of obtaining porous coatings with the peculiarity that the pores do not have an exit to the surface as those made so far. This peculiarity diminishes the limits of the layer thickness, which can be produced up to microns.

- The nanovoids fabricated can vary the coating refractive index within a wide range of values, without changing the chemical composition or mechanical and chemical stability. The procedure is based on the reactive magnetron sputtering technology, fully implemented in the industry, thus directly applicable to mass production. The procedure provides complete control.

Innovation Week - 5th March 2015 - Casablanca
Expression of Interest

Expression of interest

18.02.2011: Optically tailored nanovoid coatings - 10 ES 27F4 3UA

Which information is missing or unclear?

What kind of cooperation are you looking for?

Some facts about your company:

Choose an office location nearest to you:
Country: Please choose

Your contact details:
Name: 
Company: 
Country: 
Town: 
Phone: 
Email: 

Send my expression of interest

Get in contact with this organisation

back mono - film send to a friend print this page
### Sectors

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<th>Creative Industries</th>
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COS-Art-7-001 - Call for Expressions of Interest - 'Business Cooperation Centres' in third countries for the Enterprise Europe Network (2015 - 2020)

This call for expressions of interest addresses leading business and innovation support organisations located in third countries other than those participating in the Programme for the Competitiveness of Enterprises and Smal and Medium-sized Enterprises (COSME).

The objective is to establish 'Business Cooperation Centres' for the Enterprise Europe Network in international markets in order to form a unique international network of excellence facilitating business cooperation, technology transfer and research collaboration.

About the 'Enterprise Europe Network'

The 'Enterprise Europe Network' is a European Union initiative aimed at providing business and innovation support to small and medium sized enterprises (SMEs) in Europe and important international growth markets.

To date, the Enterprise Europe Network remains the world's largest business and innovation support network and currently consists of 600 partner organisations located in 34 countries. More than 4500 internationalisation experts and technology transfer practitioners offer a wide range of business and innovation support services to enterprises.

The partners of the Enterprise Europe Network are chambers of commerce, regional development organisations, SME organisations, research institutes, universities, technology centres and innovation centres. Their specialised knowledge of the local
Find your local contact point

Contact the Enterprise Europe Network contact point closest to you by selecting your country from the lists.

### EU countries
- Austria
- Belgium
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- Netherlands
- Poland

### Non-EU countries
- Albania, Republic of
- Armenia
- Bosnia and Herzegovina
- Brazil, Federative Republic of
- Canada
- Chile
- China
- Egypt
- Iceland
- India, Republic of
- Israel
- Japan
- Macedonia, The former Yugoslav Republic of
- Moldova
- Montenegro
- New Zealand
- Norway
- Russia
- Serbia
- South Korea
Welcome to the Network
Opening doors for European SMEs that want to grow.

The Network helps small and medium-sized enterprises (SMEs) make the most of business opportunities in the EU and beyond. Have a look at the many services offered free of charge by around 600 member organisations, including chambers of commerce and industry, technology centres, universities and development agencies.

Use our map to find the branch closest to you: our doors are open!

Zoom in or out the map to select a contact point

http://een.ec.europa.eu

Latest partnering opportunities

Search for profiles matching your partnering needs.

Register to receive free email alerts containing newly published profiles and events:

2015-02-26 Bulgaria
A Bulgarian company wants to be a distributor of fasteners.

2015-02-26 Lithuania
Wood pellets and plastic borders for European market.

2015-02-26 Italy
Italian freight forwarder company offers a wide range of logistic services.
Thank you!