

Technology Request

Light source tuning technology for analogue light-emitting diode (LED)

Summary

A Korean SME active in the field of light-emitting diode (LED) light is looking for partners with knowledge and experience in the design and manufacturing of illumination. The company requires specifications in order to develop an analogue LED light. The company seeks a technical cooperation partner capable of providing the technology at this scale on an economic basis for design, installation and demonstration.

Creation Date	08 July 2016
Last Update	14 July 2016
Expiration Date	14 July 2017
Reference	TRKR20160708001

Details

Description

A Korean company which produces a light-emitting diode(LED) light is seeking technology to make an analogue LED light.

The company is planning to produce a colour rendering of LED lighting fixture that emits a blue-green light or red light and would have colour rendering of sunlight either way.

The technology for this particular product should be able to reduce the non-uniformity of brightness and uniformity of brightness regardless of the number of light emitting display used, and it should also effectively tune the intensity of light and a light source itself. Moreover, the product will have a high efficiency since it is designed to sustain an exothermic condition of retained energy when it gathers the light source.

Technical Specification or Expertise Sought

The technology has to meet the following criteria:

- Able to sustain a certain level of heat
- Able to optimize light relative to energy consumption
- Freely diversify and concentrate the light source
- Able to enhance the clearness and selectivity of colour

Keywords

Technology

004008	Energy efficiency
01002003	Electronic engineering
04007002	Lighting, illumination

Market

06003001	Solar/thermal energy
08001020	Electronic chemicals

NACE

C.27.4.0	Manufacture of electric lighting equipment
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Network Contact Germany

Issuing Partner

BERLIN PARTNER FUER WIRTSCHAFT UND TECHNOLOGIE GMBH

Contact Person

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Open for EOI : **Yes**

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

0

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, Universities, Research institution, and larger company

Specific area of activity of partner

- LED light, electric lighting

Tasks to be performed by the partner sought

- Help on developing an analogue LED light.

Type and Size of Partner Sought

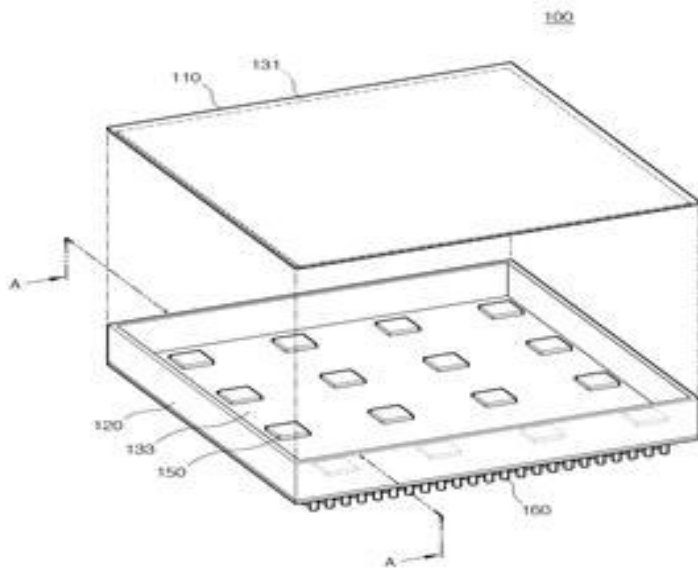
SME 11-50, University, R&D Institution, SME <10,>500 MNE, 251-500, SME 51-250, >500

Type of Partnership Considered

Technical cooperation agreement

Attachments

LED light.bmp



LED light2.bmp

