

Title (en)

Illuminating fabric and illuminating registration plate

Title (de)

Leuchtgewebe und leuchtendes Nummernschild

Title (fr)

Tissu éclairant et plaque d'immatriculation éclairairante

Publication

EP 2647750 A1 20131009 (FR)

Application

EP 13001714 A 20130404

Priority

FR 1201005 A 20120404

Abstract (en)

The illuminating fabric has a flexible frame (206) including a reflecting thread (404), and an assembly of regular fibers or intersected threads, where some of the fibers are optical fibers (406) intended to be traversed by light rays, so as to diffuse the light rays laterally. The frame includes translucent chain threads (402) and weft threads, where the optical fibers and the reflecting thread are weft threads. The reflecting thread includes a main thread coated with transparent particles such as microballs and micro-prisms. The reflecting thread is Scotchlite (RTM: reflective material). An independent claim is also included for an illuminating registration plate.

Abstract (fr)

Le tissu éclairant comporte une trame (206) qui est souple et comporte un assemblage régulier de fibres ou de fils entrecroisés, dont une partie sont des fibres optiques (406) destinées à être parcourues par des rayons lumineux et à les diffuser latéralement. La trame (206) comporte en outre des fils rétro-réfléchissants (404).

IPC 8 full level

D03D 15/00 (2006.01); **F21W 107/00** (2018.01)

CPC (source: EP US)

D03D 15/283 (2021.01 - EP US); **D03D 15/547** (2021.01 - EP US); **D10B 2401/20** (2013.01 - EP)

Citation (search report)

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- [A] EP 1605081 A2 20051214 - BAYCOM OPTO ELECTRONICS TECHNOLOGY CO LTD [TW]
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ES2614777A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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