

Title (en)

LIGHTING DEVICE AND USE THEREOF

Title (de)

LEUCHTVORRICHTUNG SOWIE DEREN VERWENDUNG

Title (fr)

DISPOSITIF D'ÉCLAIRAGE ET UTILISATION

Publication

EP 2409293 A1 20120125 (DE)

Application

EP 10708931 A 20100311

Priority

- EP 2010001521 W 20100311
- DE 102009013219 A 20090317

Abstract (en)

[origin: WO2010105763A1] The invention relates to a lighting device (1), comprising a multilayer carrier plate (2) having a plurality of passage openings (3) in each of which an LED (5) is accommodated. According to the invention, the passage holes (3) accommodating the LEDs (5) have a circular cross-sectional surface (4). Furthermore, the invention relates to the use of such a carrier plate (2).

IPC 8 full level

G09F 9/33 (2006.01); **F21K 99/00** (2010.01); **H01R 4/24** (2006.01)

CPC (source: EP US)

F21K 9/00 (2013.01 - EP US); **G09F 9/33** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

See references of WO 2010105763A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010105763 A1 20100923; CA 2755354 A1 20100923; DE 102009013219 A1 20101209; EP 2409293 A1 20120125;
US 2011317424 A1 20111229

DOCDB simple family (application)

EP 2010001521 W 20100311; CA 2755354 A 20100311; DE 102009013219 A 20090317; EP 10708931 A 20100311;
US 201013255699 A 20100311