

Title (en)

LED-LIGHTING DEVICE AND METHOD FOR PRODUCING AN LED LIGHTING DEVICE

Title (de)

LED-LEUCHTVORRICHTUNG UND VERFAHREN ZUM HERSTELLEN EINER LED-LEUCHTVORRICHTUNG

Title (fr)

DISPOSITIF D'ÉCLAIRAGE À DEL ET PROCÉDÉ DE PRODUCTION D'UN DISPOSITIF D'ÉCLAIRAGE À DEL

Publication

**EP 2521876 A1 20121114 (DE)**

Application

**EP 11741532 A 20110622**

Priority

- DE 102010030863 A 20100702
- EP 2011060414 W 20110622

Abstract (en)

[origin: WO2012000860A1] The invention relates to an LED-lighting device (1) comprising an LED-support (5) which is fitted with at least one LED (7) on the front side thereof (6) and the rear side (10) is secured to a support (2). The front side (6) of the LED-support (5) is covered in an arched manner by an electrically insulating, light-permeable and diffuse scattering LED-cover (12) and said LED-cover (12) is covered in an arched manner by a protection cover (16) placed on the support (5).

IPC 8 full level

**F21K 99/00** (2010.01); **F21V 3/02** (2006.01); **F21V 3/04** (2006.01); **F21V 29/70** (2015.01); **F21V 17/10** (2006.01); **F21V 29/74** (2015.01); **F21V 31/00** (2006.01)

CPC (source: EP US)

**F21K 9/27** (2016.07 - EP US); **F21K 9/66** (2016.07 - EP US); **F21K 9/90** (2013.01 - EP US); **F21V 3/00** (2013.01 - US); **F21V 3/02** (2013.01 - EP US); **F21V 3/10** (2018.01 - EP US); **F21V 29/70** (2015.01 - EP US); **F21V 17/101** (2013.01 - EP US); **F21V 29/74** (2015.01 - EP US); **F21V 31/005** (2013.01 - EP US); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

See references of WO 2012000860A1

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

DOCDB simple family (publication)

**DE 102010030863 A1 20120105**; CN 102971576 A 20130313; CN 102971576 B 20151125; EP 2521876 A1 20121114; EP 2521876 B1 20160224; US 2013094200 A1 20130418; US 8919992 B2 20141230; WO 2012000860 A1 20120105

DOCDB simple family (application)

**DE 102010030863 A 20100702**; CN 201180033326 A 20110622; EP 11741532 A 20110622; EP 2011060414 W 20110622; US 201113703903 A 20110622