

Title (en)

EMBEDDED-TYPE LIGHTING APPARATUS

Title (de)

EINGEBETTETE BELEUCHTUNGSVORRICHTUNG

Title (fr)

APPAREIL D'ÉCLAIRAGE DE TYPE ENCASTRÉ

Publication

EP 2840309 A4 20151209 (EN)

Application

EP 12874784 A 20120420

Priority

- KR 20120039647 A 20120417
- KR 2012003050 W 20120420

Abstract (en)

[origin: EP2840309A1] Disclosed herein is an embedded lighting apparatus that is embedded in a ceiling and is provided with a reflector. The embedded lighting apparatus includes: an embedded housing (110) installed in an installation depression of a ceiling; an LED module (120) coupled to the embedded housing; a connector (130) connecting the LED module to the embedded housing; a bracket (140) fastening the embedded housing installed in the installation depression of the ceiling to the bottom of the ceiling; and a reflector (200) having a conical structure that is open on upper and lower ends thereof. The reflector is removably coupled to the embedded housing such that an emitting surface of the LED module is disposed in the open upper end of the conical structure and light is emitted to the outside through the open lower end of the conical structure.

IPC 8 full level

F21V 21/04 (2006.01); **F21V 17/00** (2006.01)

CPC (source: CN EP KR US)

F21S 8/026 (2013.01 - CN EP US); **F21V 7/0066** (2013.01 - CN EP); **F21V 7/28** (2018.01 - EP US); **F21V 17/00** (2013.01 - KR);
F21V 17/164 (2013.01 - CN EP); **F21V 21/04** (2013.01 - KR); **F21V 21/043** (2013.01 - CN EP); **F21V 7/048** (2013.01 - CN EP);
F21V 29/77 (2015.01 - EP); **F21Y 2101/00** (2013.01 - CN); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

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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)

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WO 2013157682 A1 20131024

DOCDB simple family (application)

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