

Title (en)

LIGHTING DEVICES THAT COMPRISE ONE OR MORE SOLID STATE LIGHT EMITTERS

Title (de)

BELEUCHTUNGSVORRICHTUNGEN MIT EINEM ODER MEHREREN FESTKÖRPER-LICHTSENDERN

Title (fr)

DISPOSITIFS D'ÉCLAIRAGE COMPRENANT UN OU PLUSIEURS ÉMETTEURS DE LUMIÈRE À SEMI-CONDUCTEURS

Publication

EP 2534407 A2 20121219 (EN)

Application

EP 11706068 A 20110208

Priority

- US 70499510 A 20100212
- US 35437310 P 20100614
- US 31291810 P 20100311
- US 30897910 P 20100228
- US 35073310 P 20100602
- US 2011024006 W 20110208

Abstract (en)

[origin: WO2011100224A2] Light engine modules comprise a support member and a solid state light emitter, in which (1) the emitter is mounted on the support member, (2) a region of the support member has a surface with a curved cross-section, (3) the emitter and a compensation circuit are mounted on the support member, (4) an electrical contact element extends to at least two surfaces of the support member, and/or (5) a substantial entirety of the module is located on one side of a plane and the emitter emits light into another side of the plane. Also, a module comprising means for supporting a light emitter and a light emitter. Also, a lighting device comprising a housing member and a light emitter mounted on a removable support member. Also, a lighting device comprising a module mounted in a lighting device element. Also, a method comprising mounting a module to a lighting device element.

IPC 8 full level

F21K 99/00 (2010.01)

CPC (source: EP KR US)

F21K 9/232 (2016.07 - EP KR US); **F21K 9/238** (2016.07 - KR); **F21K 9/278** (2016.07 - KR); **F21V 23/002** (2013.01 - KR); **F21V 23/006** (2013.01 - KR); **F21V 29/505** (2015.01 - EP KR); **F21V 29/51** (2015.01 - KR); **F21V 29/763** (2015.01 - EP KR); **F21V 29/767** (2015.01 - EP KR); **F21V 29/77** (2015.01 - EP KR); **F21K 9/238** (2016.07 - EP US); **F21K 9/278** (2016.07 - EP US); **F21V 23/002** (2013.01 - EP); **F21V 23/006** (2013.01 - EP US); **F21V 29/51** (2015.01 - EP US); **F21Y 2105/10** (2016.07 - EP KR US); **F21Y 2115/10** (2016.07 - EP KR US)

Citation (search report)

See references of WO 2011100224A2

Citation (examination)

- EP 2149742 A2 20100203 - TOSHIBA LIGHTING & TECHNOLOGY [JP]
- JP 2009093926 A 20090430 - NICHIA CORP
- WO 2006047059 A2 20060504 - RICHCO INC [US], et al

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)

WO 2011100224 A2 20110818; **WO 2011100224 A3 20111006**; EP 2534407 A2 20121219; KR 20120128139 A 20121126; TW 201144668 A 20111216

DOCDB simple family (application)

US 2011024006 W 20110208; EP 11706068 A 20110208; KR 20127023723 A 20110208; TW 100104236 A 20110209