

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)

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DOCDB simple family (publication)

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