

Title (en)

DEVICE FOR SECURING A SOURCE OF LED LIGHT TO A HEAT SINK SURFACE

Title (de)

VORRICHTUNG ZUR SICHERUNG EINER LED-LICHTQUELLE AN EINER KÜHLKÖRPEROBERFLÄCHE

Title (fr)

DISPOSITIF DE FIXATION D'UNE SOURCE DE LUMIÈRE À DIODES ÉLECTROLUMINESCENTES À UNE SURFACE DE DISSIPATION THERMIQUE

Publication

EP 3030837 A4 20170419 (EN)

Application

EP 15761564 A 20150225

Priority

- US 201414206686 A 20140312
- US 2015017468 W 20150225

Abstract (en)

[origin: CN105393053A] A device for securing one or more sources of LED light against a mounting surface including: a housing comprising a substantially metal frame arranged to mount the source of LED light in an installed position; and at least one electrical connector for electrically coupling an external conductor to an electrical contact pad of the source of LED light, the at least one electrical connector comprising a first end having a push-in type connector for receiving and securing the external conductor, and a second end formed at least partially from a resilient material to contact the electrical contact pad.

IPC 8 full level

F21V 99/00 (2006.01); **F21V 19/00** (2006.01); **F21V 23/06** (2006.01); **F21V 17/10** (2006.01); **F21V 23/00** (2015.01); **F21Y 115/10** (2016.01); **H01L 23/40** (2006.01); **H01L 33/62** (2010.01)

CPC (source: EP US)

F21K 9/20 (2016.07 - EP); **F21V 19/0035** (2013.01 - EP); **F21V 19/004** (2013.01 - EP US); **F21V 23/06** (2013.01 - EP); **F21V 29/507** (2015.01 - US); **F21V 29/70** (2015.01 - US); **F21V 17/10** (2013.01 - EP); **F21V 23/002** (2013.01 - EP); **F21V 29/89** (2015.01 - EP); **F21Y 2115/10** (2016.07 - EP); **H01L 23/40** (2013.01 - EP); **H01L 33/62** (2013.01 - EP)

Citation (search report)

- [X] US 2014029258 A1 20140130 - SCHROLL MATTHEW DAVID [US], et al
- [X] US 2011273895 A1 20111110 - UEMOTO TAKAARI [JP], et al
- [X] US 2010046232 A1 20100225 - MATSUI NOBUYUKI [JP], et al
- [X] EP 2623854 A2 20130807 - TYCO ELECTRONICS CORP [US]
- [A] DE 102012210196 A1 20131219 - OSRAM GMBH [DE]
- [A] US 2011019409 A1 20110127 - WRONSKI GRZEGORZ [US]
- [A] WO 2013128733 A1 20130906 - PANASONIC CORP [JP]
- [A] DE 102013105796 A1 20131212 - ARDITI SPA [IT]
- See references of WO 2015138124A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

CN 105393053 A 20160309; EP 3030837 A1 20160615; EP 3030837 A4 20170419

DOCDB simple family (application)

CN 201580001417 A 20150225; EP 15761564 A 20150225