

Title (en)

METHODS AND APPARATUSES FOR CONSTRUCTING A UNIVERSAL LUMINAIRE

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR HERSTELLUNG EINER UNIVERSALLEUCHTE

Title (fr)

PROCÉDÉS ET APPAREILS POUR CONSTRUIRE UN APPAREIL D'ÉCLAIRAGE UNIVERSEL

Publication

EP 2870408 A4 20150527 (EN)

Application

EP 13817406 A 20130709

Priority

- US 201261669559 P 20120709
- US 2013049771 W 20130709

Abstract (en)

[origin: WO2014011667A1] Solid State Lighting (SSL) luminaires, and methods for constructing the same, are provided, with the SSLs having enhanced efficacy through precise aiming of mounting surfaces located on an aiming platform with a SSL luminaire housing. Mounting surfaces may have adjustable aiming angles to provide desired light output from an associated light module to a surface to be illuminated. An aiming platform may be stamped and formed from a sheet of metal, and coupled with a SSL luminaire housing. Heat sinks, light modules, and associated electronics may be coupled with the mounting surfaces. In some embodiments, a light module may be coupled to a mounting surface via a gimbaled bolt.

IPC 8 full level

F21S 8/08 (2006.01); **F21V 17/02** (2006.01); **F21V 19/02** (2006.01); **F21V 21/30** (2006.01); **F21V 29/00** (2015.01); **F21W 131/103** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

F21V 21/30 (2013.01 - EP US); **F21S 2/005** (2013.01 - EP); **F21S 8/036** (2013.01 - EP); **F21S 8/086** (2013.01 - EP); **F21V 19/02** (2013.01 - EP); **F21V 29/73** (2015.01 - EP); **F21V 29/763** (2015.01 - EP); **F21V 29/773** (2015.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21Y 2113/00** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [X] EP 2133622 A1 20091216 - SCHREDER [BE]
- [XY] US 2008062691 A1 20080313 - VILLARD RUSSELL GEORGE [US], et al
- [X] DE 202009000942 U1 20110303 - KRACHT TORSTEN [DE]
- [XI] WO 2010003126 A2 20100107 - SUNOVIA ENERGY TECHNOLOGIES IN [US], et al
- [XI] US 2011051420 A1 20110303 - GILL JASON JAE [US]
- [XY] EP 0890059 A1 19990113 - KONINKL PHILIPS ELECTRONICS NV [NL]
- [X] US 2010097800 A1 20100422 - OU YANG JIE [CN]
- [X] EP 2177818 A1 20100421 - BOESHA TECH PRODUKTE GMBH & CO [DE]
- [X] US 2011255276 A1 20111020 - COWARD MARK T [US]
- See references of WO 2014011667A1

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)

WO 2014011667 A1 20140116; CN 105121954 A 20151202; EP 2870408 A1 20150513; EP 2870408 A4 20150527

DOCDB simple family (application)

US 2013049771 W 20130709; CN 201380046954 A 20130709; EP 13817406 A 20130709