

Title (en)
LIGHTING DEVICE

Title (de)
BELEUCHTUNGSEINRICHTUNG

Title (fr)
DISPOSITIF D'ÉCLAIRAGE

Publication
EP 2697557 B1 20160608 (DE)

Application
EP 12720815 A 20120412

Priority
• DE 102011017195 A 20110415
• EP 2012056688 W 20120412

Abstract (en)
[origin: WO2012140146A1] The invention relates to a lighting device, which has a rod-shaped substrate body (1) having at least one first and one second mounting side (11, 12) and a main extension direction (99), first semiconductor light-emitting elements (31) on first mounting surfaces (21) of the first mounting side (11), and second semiconductor light-emitting elements (32) on second mounting surfaces (22) of the second mounting side (12), wherein the first and the second mounting sides (11, 12) face away from each other, wherein the mounting surfaces (21, 22) are formed by recesses in the mounting sides (11, 12) spaced in the main extension direction (99) and wherein the first semiconductor light-emitting elements (31) are identical to each other and the second semiconductor light-emitting elements (32) are identical to each other.

IPC 8 full level
F21K 9/00 (2016.01); **F21S 4/00** (2016.01); **F21V 7/00** (2006.01); **F21Y 103/00** (2016.01); **F21Y 113/00** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
F21K 9/20 (2016.07 - EP US); **F21S 4/28** (2016.01 - EP US); **F21V 7/005** (2013.01 - EP US); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2107/90** (2016.07 - EP US); **F21Y 2113/13** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (examination)
• US 2011063838 A1 20110317 - DAU WILSON [CA], et al
• JP 2010010655 A 20100114 - ROHM CO LTD

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)
DE 102011017195 A1 20121018; CN 103492790 A 20140101; CN 103492790 B 20160810; EP 2697557 A1 20140219;
EP 2697557 B1 20160608; US 2014104829 A1 20140417; US 9371968 B2 20160621; WO 2012140146 A1 20121018

DOCDB simple family (application)
DE 102011017195 A 20110415; CN 201280018432 A 20120412; EP 12720815 A 20120412; EP 2012056688 W 20120412;
US 201214111581 A 20120412