

Title (en)
Led lighting device with improved light distribution

Title (de)
LED-Beleuchtung mit verbesserter Lichtverteilung

Title (fr)
Dispositif d'éclairage à DEL avec distribution améliorée de la lumière

Publication
EP 2803911 A1 20141119 (EN)

Application
EP 14167797 A 20140509

Priority
IT MI20130798 A 20130515

Abstract (en)
An LED (Light Emitting Diode) lighting device (10) particularly suitable for being used for public lighting functions of urban and suburban roads and/or motorways, for the lighting of parking lots, parks and gardens and/or pedestrian areas, for the lighting of street furniture elements such as façades of public and/or private buildings or the like, connected to a support pole (12) with a "post-top" or "suspension" connection and comprising modular means suitable for allowing the single lighting device to orientate the distribution of the light beam emitted by LEDs (26) simultaneously according to a bidirectional distribution with respect to the support pole (12).

IPC 8 full level
F21V 33/00 (2006.01); **F21S 8/08** (2006.01); **F21W 111/02** (2006.01); **F21W 131/10** (2006.01); **F21W 131/103** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21S 8/08 (2013.01 - EP); **F21V 33/006** (2013.01 - EP US); **F21W 2111/02** (2013.01 - EP); **F21W 2131/10** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)

- WO 2012142447 A1 20121018 - AMERLUX LLC [US], et al
- DE 102011082454 A1 20121220 - OSRAM AG [DE]
- US 2008080178 A1 20080403 - KITA YASUSHI [JP], et al

Citation (search report)

- [X] WO 2012142447 A1 20121018 - AMERLUX LLC [US], et al
- [X] DE 102011082454 A1 20121220 - OSRAM AG [DE]
- [X] US 2008080178 A1 20080403 - KITA YASUSHI [JP], et al
- [X] US 2012287618 A1 20121115 - SAITO TAKASHI [JP]
- [X] WO 2010010494 A1 20100128 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [X] WO 2006132533 A2 20061214 - LEMNIS LIGHTING IP GMBH [CH], et al
- [X] EP 2405181 A1 20120111 - SCHREDER [BE]

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JP2020509266A; WO2018150144A1

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

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DOCDB simple family (application)
EP 14167797 A 20140509; ES 14167797 T 20140509; IT MI20130798 A 20130515