

Title (en)
Multifunction LED lighting device

Title (de)
Multifunktionelle LED-Beleuchtungsanordnung

Title (fr)
Dispositif d'éclairage à DEL multifonction

Publication
EP 2876360 A1 20150527 (EN)

Application
EP 14193819 A 20141119

Priority
IT MI20131940 A 20131121

Abstract (en)
A multifunction LED (Light Emitting Diode) lighting device suitable for being used as luminaire for outdoor environments or for indoor applications comprising a configurable and reconfigurable modular structure formed by at least one optical compartment or body (14) comprising one or more modules (16) inside whereof LED light sources are housed and apt to be attached with respect to a driver compartment inside whereof electrical and electronic components are housed necessary for the functioning of the lighting device and suitable to be anchored with respect to a support, each module (16) comprising pairs of opposite pins or projecting appendages (24) whereon attachment blocks (26) are fitted to form a coupling with constraint between single adjacent modules (16) or between a module and the driver compartment.

IPC 8 full level
F21S 2/00 (2006.01); **F21V 15/01** (2006.01); **F21V 23/00** (2015.01); **F21S 8/00** (2006.01); **F21S 8/04** (2006.01); **F21S 8/06** (2006.01); **F21S 8/08** (2006.01); **F21V 29/00** (2015.01); **F21W 131/10** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21V 23/008 (2013.01 - EP US); **F21S 2/005** (2013.01 - EP); **F21S 8/033** (2013.01 - EP); **F21S 8/04** (2013.01 - EP); **F21S 8/061** (2013.01 - EP); **F21S 8/085** (2013.01 - EP); **F21V 29/507** (2015.01 - EP); **F21V 29/74** (2015.01 - EP); **F21W 2131/10** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21Y 2113/00** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)
• US 2013088864 A1 20130411 - VERDES ANTHONY [US], et al
• US 2013027935 A1 20130131 - LADEWIG CHRISTOPHER [US], et al
• KR 20090124643 A 20091203 - DOOLIM SYSTEM CO LTD [KR]
• US 2010271804 A1 20101028 - LEVINE JONATHAN E [US]

Citation (search report)
• [X] US 2013088864 A1 20130411 - VERDES ANTHONY [US], et al
• [I] US 2013027935 A1 20130131 - LADEWIG CHRISTOPHER [US], et al
• [A] KR 20090124643 A 20091203 - DOOLIM SYSTEM CO LTD [KR]
• [A] EP 2600055 A1 20130605 - MARSHALLS MONO LTD [GB]
• [A] US 2010271804 A1 20101028 - LEVINE JONATHAN E [US]
• [A] US 8207678 B1 20120626 - MIKA JASON R [US], et al
• [A] US 5628557 A 19970513 - HUANG PETER K L [TW]

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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