

Title (en)
Illumination device

Title (de)
Beleuchtungseinrichtung

Title (fr)
Dispositif d'éclairage

Publication
EP 2241797 A3 20131113 (DE)

Application
EP 10150721 A 20100114

Priority
DE 102009014514 A 20090323

Abstract (en)
[origin: EP2241797A2] The device has a lighting element (1) e.g. LED, that is arranged on a printed circuit board (2) and connected to a supply network. The printed circuit board is surrounded by a housing and allows a focused light emission over a light emitting region (6). The housing has a plug connection device (7) with plug contact parts (8) for connecting a plug connection coupling. The plug contact parts are outwardly guided from the housing and directly attached to conductive strips (9) of the printed circuit board.

IPC 8 full level
F21V 19/00 (2006.01); **F21V 23/06** (2006.01); **F21V 27/02** (2006.01); **F21V 31/04** (2006.01); **F21S 8/02** (2006.01); **F21V 15/01** (2006.01); **F21W 111/02** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21S 8/022 (2013.01 - EP); **F21V 15/01** (2013.01 - EP); **F21V 19/003** (2013.01 - EP); **F21V 19/005** (2013.01 - EP); **F21V 23/06** (2013.01 - EP); **F21V 31/04** (2013.01 - EP US); **F21S 8/02** (2013.01 - EP); **F21V 23/008** (2013.01 - EP); **F21V 23/009** (2013.01 - EP); **F21V 23/02** (2013.01 - EP); **F21V 27/02** (2013.01 - EP); **F21W 2111/02** (2013.01 - EP); **F21W 2111/023** (2013.01 - EP); **F21Y 2105/00** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US); **F21Y 2115/15** (2016.07 - EP US)

Citation (search report)
• [XYI] DE 202006002797 U1 20060511 - KOLB KLAUS [DE]
• [XI] DE 102007037821 A1 20090212 - OSRAM GMBH [DE]
• [XI] EP 0911573 A2 19990428 - STANDARD PRODUCTS CO [US]
• [XI] DE 3639485 A1 19880526 - KAPFER KARL [DE]
• [Y] US 2005139850 A1 20050630 - IKEDA MINORU [JP]

Cited by
LU103029B1; CN103782093A; EP2886949A3; EP3361150A1; US9341361B2; US11365990B2; WO2020064092A1; WO2012150124A1; WO2013034381A3

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2241797 A2 20101020; EP 2241797 A3 20131113; DE 102009014514 A1 20101007; DE 102009014514 B4 20131121

DOCDB simple family (application)
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