

Title (en)
Lamp with plastic reflectors

Title (de)
Leuchte mit Kunststoffreflektoren

Title (fr)
Lampe avec réflecteurs de matière synthétique

Publication
EP 1845303 B1 20170301 (DE)

Application
EP 07007524 A 20070412

Priority
• DE 102006017255 A 20060412
• DE 102006047381 A 20061006

Abstract (en)
[origin: EP1845303A1] The light has a carrier unit (2) at which a heat generating operational unit and/or an illuminant (4) of the light are arranged, and a light-guiding element (6) made of plastic e.g. polycarbonate. The carrier unit and the light-guiding element are joined together within a connecting area (8). The connecting area limits heat flow between the carrier unit and the light-guiding element in such a manner that the light-guiding element adopts temperature distribution outside of the connecting area during the operation of the light.

IPC 8 full level
F21S 4/20 (2016.01); **F21V 7/00** (2006.01); **F21V 7/22** (2006.01); **F21V 15/00** (2015.01); **F21V 17/10** (2006.01); **F21V 29/15** (2015.01); **F21Y 103/00** (2016.01)

CPC (source: EP US)
F21S 4/20 (2016.01 - EP); **F21V 7/0025** (2013.01 - EP); **F21V 7/28** (2018.01 - EP US); **F21V 17/104** (2013.01 - EP US); **F21V 29/15** (2015.01 - EP); **F21V 7/0091** (2013.01 - EP); **F21Y 2103/00** (2013.01 - EP US)

Citation (examination)
• WO 2005073629 A1 20050811 - TIR SYSTEMS LTD [CA], et al
• US 2005201098 A1 20050915 - DIPENTI TIMOTHY A [US], et al

Cited by
EP2354643A3; DE202012100628U1; CN102720963A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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