

Title (en)
Lamp

Title (de)
Lampe

Title (fr)
Lampe

Publication
EP 1826481 A1 20070829 (EN)

Application
EP 07102624 A 20070219

Priority
ES 200600439 A 20060224

Abstract (en)

Lamp (1) comprising connection means (10) to an electric power supply, a housing (4) comprising lamp (1) electronic components (5), and a housing (6) comprising a plurality of light-emitting diodes (7), characterized in that it comprises some cooling wings (3) in the outer lamp (1) surface for the evacuation of the heat caused by said electronic components (5) and by the diodes (7) towards the outside of the lamp (1).

IPC 8 full level

F21V 29/00 (2006.01); **F21K 99/00** (2010.01); **F21V 31/00** (2006.01)

CPC (source: EP US)

F21K 9/23 (2016.07 - EP US); **F21V 3/00** (2013.01 - EP); **F21V 29/767** (2015.01 - EP); **F21V 29/85** (2015.01 - EP US); **F21V 29/89** (2015.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [XY] EP 1577613 A2 20050921 - CONRAD ELECTRONIC GMBH [DE]
- [Y] US 2004222516 A1 20041111 - LIN TING-HAO [TW], et al
- [A] DE 202005017030 U1 20060209 - QUASAR OPTOELECTRONICS INC [TW]
- [A] US 5791770 A 19980811 - HOYT STEPHEN O [US], et al
- [A] US 2005122018 A1 20050609 - MORRIS THOMAS M [US]
- [XP] WO 2006044027 A2 20060427 - GELCORE LLC [US], et al

Cited by

DE102008058757A1; ITBI20090013A1; WO2011154011A3; WO2012091364A3; US8552626B1; US8779653B2; EP2450615B1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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