

Title (en)

Lighting device with several LED components and method for its manufacture

Title (de)

Leuchttaggregat mit mehreren LED-Bauelementen und Verfahren zu seiner Herstellung

Title (fr)

Agrégat lumineux doté de plusieurs composants DEL et son procédé de fabrication

Publication

EP 1898144 A3 20100825 (DE)

Application

EP 07112708 A 20070718

Priority

- DE 102006042319 A 20060908
- DE 102007002839 A 20070119

Abstract (en)

[origin: EP1898144A2] The motor vehicle lamp, for internal and external illumination, has a number of LEDs (6) directly bonded to a cooling body (2) to take off the heat loss from them. A housing (4) is of a heat-conductive material for at least one LED, held in an opening or recess (3) in the cooling body in a force fit. Each LED is within its own cooling element (7), in contact with the housing.

IPC 1-7

F21K 7/00

IPC 8 full level

F21K 99/00 (2010.01); **F21W 101/10** (2006.01)

CPC (source: EP US)

F21K 9/20 (2016.07 - EP US); **F21S 41/143** (2017.12 - EP US); **F21S 41/153** (2017.12 - EP US); **F21S 45/47** (2017.12 - EP US); **F21S 45/48** (2017.12 - EP US); **F21V 19/004** (2013.01 - EP); **F21V 29/75** (2015.01 - EP); **F21V 29/76** (2015.01 - EP); **F21V 29/763** (2015.01 - EP); **F21V 19/001** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

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- [X] WO 2006066531 A1 20060629 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE], et al
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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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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