

Title (en)

LED module for a vehicular headlight and vehicular headlight comprising the same

Title (de)

Leuchtdioden-Modul für einen Fahrzeugscheinwerfer und Fahrzeugscheinwerfer

Title (fr)

Module à DEL pour un projecteur de véhicule automobile et projecteur de véhicule automobile comprenant un tel module

Publication

EP 1500867 B1 20110824 (DE)

Application

EP 04013156 A 20040603

Priority

DE 10333837 A 20030724

Abstract (en)

[origin: EP1500867A2] The light-emitting diode module (1) has a reflector (4) and a carrier (2) for the light-emitting diodes (31), which are mounted on at least one surface region (21,22) of the carrier, arranged in one or more curved rows, each of which corresponds to a cone section. The surface region of the carrier provided with the light-emitting diodes is angled so that it faces the reflective surface (41) of the reflector. An independent claim for an automobile head lamp is also included.

IPC 8 full level

F21S 8/10 (2006.01); **F21V 19/00** (2006.01); **F21W 101/10** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

F21S 41/147 (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US); **F21Y 2115/10** (2016.07 - EP US); **Y10S 362/80** (2013.01 - EP US)

Cited by

EP2261556A1; DE102008036193B4; DE102012022282A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1500867 A2 20050126; **EP 1500867 A3 20060906**; **EP 1500867 B1 20110824**; **EP 1500867 B8 20120215**; AT E521849 T1 20110915; CA 2475496 A1 20050124; DE 10333837 A1 20050317; ES 2368426 T3 20111117; JP 2005044806 A 20050217; US 2005047169 A1 20050303; US 7040792 B2 20060509

DOCDB simple family (application)

EP 04013156 A 20040603; AT 04013156 T 20040603; CA 2475496 A 20040721; DE 10333837 A 20030724; ES 04013156 T 20040603; JP 2004213519 A 20040721; US 89030004 A 20040714