

Title (en)  
LIGHTING DEVICE COMPRISING AT LEAST ONE LIGHT-EMITTING DIODE AND VEHICLE HEADLIGHT

Title (de)  
BELEUCHTUNGSEINRICHTUNG MIT MINDESTENS EINER LEUCHTDIODE UND FAHRZEUGSCHEINWERFER

Title (fr)  
DISPOSITIF D'ECLAIRAGE AYANT AU MOINS UNE DIODE ELECTROLUMINESCENTE ET PHARE DE VEHICULE

Publication  
**EP 1828678 B1 20100331 (DE)**

Application  
**EP 05823447 A 20051201**

Priority  
• DE 2005002171 W 20051201  
• DE 102004062989 A 20041222

Abstract (en)  
[origin: WO2006066531A1] The invention relates to a lighting device comprising at least one light-emitting diode and a cooling aggregate (400) for cooling the at least one light-emitting diode, wherein the at least one light-emitting diode is arranged on the cooling aggregate (400) and the cooling aggregate (400) is provided with at least one recess in which a mounting plate (408) equipped with electrical components is located. The invention also relates to a vehicle headlight comprising at least one lighting device of the aforementioned kind.

IPC 8 full level  
**F21V 29/00** (2006.01); **F21K 99/00** (2010.01); **H01L 33/48** (2010.01); **H01L 33/60** (2010.01); **H01L 33/64** (2010.01)

CPC (source: EP US)  
**F21K 9/00** (2013.01 - EP US); **F21K 9/61** (2016.07 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/192** (2017.12 - EP US); **F21S 45/47** (2017.12 - EP US); **F21V 23/00** (2013.01 - EP US); **F21V 29/75** (2015.01 - EP US); **F21V 29/763** (2015.01 - EP US); **F21V 29/773** (2015.01 - US); **F21Y 2115/10** (2016.07 - EP US)

Cited by  
DE102010048594A1

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

DOCDB simple family (publication)  
**WO 2006066531 A1 20060629**; AT E462932 T1 20100415; CN 100572906 C 20091223; CN 101087977 A 20071212;  
DE 102004062989 A1 20060706; DE 502005009336 D1 20100512; EP 1828678 A1 20070905; EP 1828678 B1 20100331;  
ES 2342549 T3 20100708; JP 2008524816 A 20080710; JP 4608553 B2 20110112; TW 200639353 A 20061116; TW I388767 B 20130311;  
US 2008130308 A1 20080605; US 7806562 B2 20101005

DOCDB simple family (application)  
**DE 2005002171 W 20051201**; AT 05823447 T 20051201; CN 200580044580 A 20051201; DE 102004062989 A 20041222;  
DE 502005009336 T 20051201; EP 05823447 A 20051201; ES 05823447 T 20051201; JP 2007547157 A 20051201; TW 94145262 A 20051220;  
US 79241705 A 20051201