

Title (en)
LED HEADLIGHT

Title (de)
LED-SCHEINWERFER

Title (fr)
PROJECTEUR À DEL

Publication
EP 2223014 B1 20151104 (DE)

Application
EP 08852951 A 20081117

Priority
• EP 2008009725 W 20081117
• DE 102007055165 A 20071119

Abstract (en)
[origin: WO2009065548A1] The LED headlight (1), particularly an LED headlight for vehicles, comprises at least one heat conducting element (7), extending from at least one heat source (3) located in a headlight housing (2) to at least one cooling element (9) in a heat contacting way, said cooling element being arranged at least partially outside on the headlight housing.

IPC 8 full level
F21S 8/10 (2006.01); **F21V 29/00** (2015.01); **F21V 29/71** (2015.01); **F21V 29/89** (2015.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21S 41/151 (2017.12 - EP US); **F21S 45/33** (2017.12 - US); **F21S 45/48** (2017.12 - EP US); **F21V 29/56** (2015.01 - EP US); **F21V 29/71** (2015.01 - EP US); **F21V 29/89** (2015.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (examination)
• WO 2004055433 A1 20040701 - DAIMLER CHRYSLER AG [DE], et al
• EP 1357335 A2 20031029 - NICHIA CORP [JP]
• DE 102006001711 A1 20070726 - AUDI AG [DE]
• JP 2009087620 A 20090423 - TOYODA GOSEI KK
• FR 2889291 A1 20070202 - KOITO MFG CO LTD [JP]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007055165 A1 20090520; CN 101868671 A 20101020; CN 101868671 B 20140423; EP 2223014 A1 20100901; EP 2223014 B1 20151104; US 2010277941 A1 20101104; WO 2009065548 A1 20090528

DOCDB simple family (application)
DE 102007055165 A 20071119; CN 200880116796 A 20081117; EP 08852951 A 20081117; EP 2008009725 W 20081117; US 74357508 A 20081117