

Title (en)
VEHICLE HEADLIGHT

Title (de)
KFZ-SCHEINWERFER

Title (fr)
PHARE DE VÉHICULE À MOTEUR

Publication
EP 1979673 A1 20081015 (DE)

Application
EP 07702411 A 20070131

Priority
• DE 2007000180 W 20070131
• DE 102006004593 A 20060201
• DE 102006010977 A 20060309

Abstract (en)
[origin: WO2007087791A1] A vehicle headlight is disclosed. Said vehicle headlight comprises an illumination device (3), with at least one light diode chip (20). The headlight further comprises a heat pipe (5) or a thermosyphon (35) with a vaporisation region (6) and a condensation region (7), said evaporation region (6) being thermally connected to the illumination device (3) and the condensation region (7) being connected to a cooling body (8) which releases heat from the illumination device (3) to the environment.

IPC 8 full level
F21V 31/03 (2006.01); **F21S 8/10** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21S 41/151 (2017.12 - US); **F21S 45/47** (2017.12 - EP US); **F21S 45/48** (2017.12 - US); **F21V 29/51** (2015.01 - US); **F21S 45/60** (2017.12 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
See references of WO 2007087791A1

Cited by
DE102017209003A1; DE102012005874A1

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 2007087791 A1 20070809; AT E529699 T1 20111115; CN 101389901 A 20090318; CN 101389901 B 20101020; DE 102006010977 A1 20071206; EP 1979673 A1 20081015; EP 1979673 B1 20111019; US 2009213613 A1 20090827

DOCDB simple family (application)
DE 2007000180 W 20070131; AT 07702411 T 20070131; CN 200780004159 A 20070131; DE 102006010977 A 20060309; EP 07702411 A 20070131; US 27808607 A 20070131