

Title (en)
Headlamp for vehicles

Title (de)
Scheinwerfer für Fahrzeuge

Title (fr)
Phare pour véhicules

Publication
EP 2149748 B1 20101229 (DE)

Application
EP 08161314 A 20080729

Priority
EP 08161314 A 20080729

Abstract (en)
[origin: EP2149748A1] The headlight has a transparent closure disk (3) covering a front opening of a housing (1), and a light module (4) i.e. projection light module, arranged in an inner chamber (2) of the housing over a wall element serving as a thermal barrier and separated from another light module (12) i.e. LED light module, serving as a heat-sensitive component. The wall element sectionally forms a horizontal wall section (18) i.e. cooling body, of a heat conducting channel (17). Heat air flow (Q) is conducted from an area of the light module to the heat-sensitive component through the channel.

IPC 8 full level
F21V 29/00 (2006.01); **F21S 8/10** (2006.01)

CPC (source: EP US)
F21S 41/00 (2017.12 - US); **F21S 41/164** (2017.12 - EP); **F21S 45/10** (2017.12 - EP); **F21S 45/40** (2017.12 - US); **F21S 45/47** (2017.12 - EP US); **F21V 29/83** (2015.01 - EP US); **F21S 45/60** (2017.12 - EP)

Cited by
ITTV20110099A1; EP3388740A1; DE102012005874A1; DE102013001287A1; FR2966558A1; DE102011118330A1; FR3114373A1; US10670222B2; WO2013008193A1; US8950918B2; WO2022058665A1

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)
EP 2149748 A1 20100203; **EP 2149748 B1 20101229**; AT E493613 T1 20110115; DE 502008002160 D1 20110210

DOCDB simple family (application)
EP 08161314 A 20080729; AT 08161314 T 20080729; DE 502008002160 T 20080729