

Title (en)
Optical module for vehicle lighting system

Title (de)
Optisches Modul für Fahrzeug -Beleuchtungseinrichtung

Title (fr)
Module optique pour dispositif d'éclairage automobile

Publication
EP 1726875 A1 20061129 (FR)

Application
EP 06290836 A 20060523

Priority
FR 0505409 A 20050527

Abstract (en)
The module has a light source such as xenon lamp, placed in a reflector (2) for transmitting a light beam at the level of an output side of the reflector. A movable cover plate (8) is pivoted between two positions, and a motor (7) provokes the movement of the cover plate. A support part (4) is placed in front of the reflector, and a heat shield (6) is placed between the support part and the front of the module. The shield is fixed on the support part using locking pins. An independent claim is also included for a headlight equipped with an optical module.

IPC 8 full level
F21V 29/15 (2015.01); **F21V 9/04** (2006.01); **F21V 11/16** (2006.01); **F21V 14/08** (2006.01); **F21V 17/00** (2006.01); **F21W 107/10** (2018.01)

CPC (source: EP US)
F21S 41/43 (2017.12 - EP); **F21S 41/47** (2017.12 - EP); **F21S 41/689** (2017.12 - EP); **F21S 45/10** (2017.12 - EP); **F21S 45/40** (2017.12 - US); **F21V 7/28** (2018.01 - EP US); **F21V 9/04** (2013.01 - EP US); **F21S 41/321** (2017.12 - EP)

Citation (applicant)
• EP 1197387 A1 20020417 - VALEO VISION [FR]
• EP 1422471 A2 20040526 - VALEO VISION [FR]
• EP 1422472 A2 20040526 - VALEO VISION [FR]
• EP 1139011 A1 20011004 - VALEO VISION [FR]

Citation (search report)
• [X] EP 1454793 A2 20040908 - ICHIKOH INDUSTRIES LTD [JP]
• [X] EP 1283390 A2 20030212 - ICHIKOH INDUSTRIES LTD [JP]
• [A] DE 19621254 A1 19971127 - BOSCH GMBH ROBERT [DE]
• [AD] EP 1139011 A1 20011004 - VALEO VISION [FR]

Cited by
EP3388740A1; FR3140928A1; FR3039879A1; EP2060848A1; FR2923775A1; FR2986197A1; EP2644972A1; US10670222B2; WO2024074384A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1726875 A1 20061129; **EP 1726875 B1 20100127**; AT E456768 T1 20100215; DE 602006011977 D1 20100318; FR 2886376 A1 20061201; FR 2886376 B1 20070817

DOCDB simple family (application)
EP 06290836 A 20060523; AT 06290836 T 20060523; DE 602006011977 T 20060523; FR 0505409 A 20050527