

Title (en)

LIGHTING MODULE OF A PROJECTOR HEADLIGHT FOR A MOTOR VEHICLE

Title (de)

BELEUCHTUNGSMODUL EINES PROJEKTIONSSCHEINWERFERS FÜR EIN KRAFTFAHRZEUG

Title (fr)

MODULE D'ÉCLAIRAGE DE PROJECTEUR POUR VÉHICULE AUTOMOBILE

Publication

EP 2966342 B1 20221102 (FR)

Application

EP 15173917 A 20150625

Priority

FR 1456227 A 20140630

Abstract (en)

[origin: US2015377439A1] A lighting module for a motor vehicle, comprising at least one light source; a heat sink able to dissipate the heat produced by the light source or sources; a reflective surface able to reflect the rays from the light source or sources; a lens able to deflect the rays from the reflective surface so as to form a beam of light along an optical axis of the module; a support of the lens and of the reflective surface, the support being mounted on the heat sink. The heat sink and/or the support comprises at least one, and preferably at least two, bosses directed vertically and in contact with the other out of the heat sink and the support so as to maintain a predetermined distance between the heat sink and the support.

IPC 8 full level

F21S 41/19 (2018.01); **F21S 41/29** (2018.01); **F21S 41/32** (2018.01); **F21S 41/39** (2018.01); **F21S 45/47** (2018.01); **F21S 45/49** (2018.01); **F21W 107/10** (2018.01)

CPC (source: EP US)

F21S 41/192 (2017.12 - EP US); **F21S 41/29** (2017.12 - US); **F21S 41/295** (2017.12 - EP US); **F21S 41/39** (2017.12 - EP US); **F21S 45/47** (2017.12 - EP US); **F21S 45/49** (2017.12 - EP US); **F21S 41/321** (2017.12 - EP US)

Citation (examination)

- DE 202012104066 U1 20130129 - COPLUS INC [TW]
- JP 2008204903 A 20080904 - ICHIKOH INDUSTRIES LTD

Cited by

EP3299702A1; FR3056690A1; US10378723B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2966342 A1 20160113; **EP 2966342 B1 20221102**; CN 105222050 A 20160106; CN 105222050 B 20190802; FR 3022974 A1 20160101; FR 3022974 B1 20181109; MX 2015008532 A 20160203; US 10060588 B2 20180828; US 2015377439 A1 20151231

DOCDB simple family (application)

EP 15173917 A 20150625; CN 201510386332 A 20150630; FR 1456227 A 20140630; MX 2015008532 A 20150629; US 201514751867 A 20150626