

Title (en)

Motor vehicle light with an homogeneously bright appearance

Title (de)

Kraftfahrzeugleuchte mit einem homogen hell leuchtenden Erscheinungsbild

Title (fr)

Phare de véhicule automobile ayant une apparence lumineuse claire homogène

Publication

**EP 2770247 A3 20150805 (DE)**

Application

**EP 14155174 A 20140214**

Priority

DE 202013001767 U 20130223

Abstract (en)

[origin: EP2770247A2] The motor vehicle lamp has a light source (10) and a concave mirror reflector (12) having a focal length, where the light source is adapted to light incident from one direction on the mirror reflector to reflect in another direction to generate non-compliant light distribution. A flat radiator is provided, which is defined by the outgoing light incident on the reflector in one direction, where a light-emitting surface (16) is greater than half of the square of the focal length. The emitting surface extends in a direction perpendicular to the main emission direction of the reflector.

IPC 8 full level

**F21S 8/10** (2006.01)

CPC (source: EP US)

**F21S 41/155** (2017.12 - EP); **F21S 41/24** (2017.12 - EP); **F21S 41/337** (2017.12 - EP); **F21S 41/365** (2017.12 - EP US); **F21S 43/145** (2017.12 - EP); **F21S 43/241** (2017.12 - EP); **F21S 43/31** (2017.12 - EP); **F21S 43/40** (2017.12 - EP US)

Citation (search report)

- [X] JP 2011150887 A 20110804 - KOITO MFG CO LTD
- [X] FR 2934353 A1 20100129 - VALEO VISION SAS [FR]
- [X] EP 2182270 A2 20100505 - ICHIKOH INDUSTRIES LTD [JP]
- [X] US 2010177525 A1 20100715 - IWASAKI KAZUNORI [JP]
- [A] JP 2006196196 A 20060727 - PENTAX CORP
- [A] DE 102007052696 A1 20080717 - ZIZALA LICHTSYSTEME GMBH [AT]
- [A] AT 8252 U1 20060415 - ZIZALA LICHTSYSTEME GMBH [AT]

Cited by

DE102015219346A1; DE102020127717A1; DE102020127717B4; DE102017117560A1; DE102016120903A1; DE102020127218A1; DE102020127218B4

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 202013001767 U1 20130314**; EP 2770247 A2 20140827; EP 2770247 A3 20150805; EP 2770247 B1 20170621

DOCDB simple family (application)

**DE 202013001767 U 20130223**; EP 14155174 A 20140214