

Title (en)

LIGHT MODULE FOR A VEHICLE HEADLAMP

Title (de)

LICHTMODUL FÜR EINEN FAHRZEUGSCHEINWERFER

Title (fr)

MODULE D'ÉCLAIRAGE POUR UN PHARE DE VÉHICULE

Publication

EP 2931556 B1 20161130 (DE)

Application

EP 13795411 A 20131022

Priority

- AT 505852012 A 20121213
- AT 2013050204 W 20131022

Abstract (en)

[origin: WO2014089585A1] The invention relates to a light module (100) for a motor vehicle headlamp, wherein the light module (100) is designed for the generation of a dimmed light distribution (LV) which has at least one horizontal light shadow line (HD) and a light shadow line (HD') rising at an oblique angle thereto, and wherein the light module (100) comprises at least two reflectors (1, 2, 3), and wherein at least one LED light source (10, 20, 30) is assigned to each reflector (1, 2, 3). At least one of the reflectors (2) is of the light shadow front-field reflector type, and at least one further reflector (1) is of the asymmetric reflector type. The at least one LED light source (10) associated with the at least one reflector (1) of the asymmetric reflector type and the at least one LED light source (20) associated with the at least one reflector (2) of the light shadow front-field reflector type are arranged in a fixed position relative to one another, and all the reflectors (1, 2) can be arranged in precisely one specified position relative to the LED light sources (10, 20) associated with them. Reflectors (1) of the asymmetric reflector type and reflectors (2) of the light shadow front-field type are designed in such a manner that when at least one reflector (1) of the asymmetric reflector type is arranged in its defined position and at least one reflector (2) of the light shadow front-field reflector type is arranged in its defined position, the horizontal light shadow line of the overall light distribution (LV) is formed by the horizontal light shadow line (HD1) of the at least one reflector (1) of the asymmetric reflector type and/or by the horizontal light shadow line (HD2) of the at least one reflector (2) of the light shadow front-field reflector type.

IPC 8 full level

B60Q 1/00 (2006.01); **F21S 8/10** (2006.01)

CPC (source: EP US)

F21S 41/151 (2017.12 - EP US); **F21S 41/336** (2017.12 - EP)

Cited by

WO2019224185A1; US11435047B2

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)

WO 2014089585 A1 20140619; AT 513129 A4 20140215; AT 513129 B1 20140215; BR 112015012405 A2 20170711; CN 105246739 A 20160113; CN 105246739 B 20170517; EP 2931556 A1 20151021; EP 2931556 B1 20161130; JP 2016503941 A 20160208; JP 6088066 B2 20170301; MX 2015007592 A 20151022; MX 342169 B 20160915; US 2015354773 A1 20151210; US 9611998 B2 20170404

DOCDB simple family (application)

AT 2013050204 W 20131022; AT 505852012 A 20121213; BR 112015012405 A 20131022; CN 201380065696 A 20131022; EP 13795411 A 20131022; JP 2015546767 A 20131022; MX 2015007592 A 20131022; US 201314651301 A 20131022