

Title (en)

Lighting module with two reflectors having different focal lengths

Title (de)

Beleuchtungsmodul mit zwei Scheinwerfern mit unterschiedlichen Brennpunktabständen

Title (fr)

Module d'éclairage avec deux réflecteurs de distances focales différentes

Publication

EP 2366941 A3 20130130 (FR)

Application

EP 11156344 A 20110301

Priority

FR 1051606 A 20100305

Abstract (en)

[origin: EP2366941A2] The module (2) has a support for a light source (10) i.e. LED, emitting light rays in a half space defined by a plane passing through the support. The light source is positioned at a level of a focal point. A first reflector (6) reflects the light rays that are emitted by the light source in a lighting beam and crossed by the light source. A second reflector (8) comprises a free edge (21) that defines a reflective surface. The first reflector collects the rays emitted by the light source passing the edge. An independent claim is also included for a headlight comprising a lower module.

IPC 8 full level

F21V 7/00 (2006.01); **F21S 8/12** (2006.01); **F21W 101/10** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

F21S 41/323 (2017.12 - EP); **F21S 41/36** (2017.12 - EP US); **F21S 41/60** (2017.12 - EP); **F21S 41/663** (2017.12 - EP US); **F21S 41/321** (2017.12 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [X] EP 1452797 A1 20040901 - CATEYE CO LTD [JP]
- [X] DE 10359185 A1 20050721 - HELLA KGAA HUECK & CO [DE]
- [A] FR 2579721 A1 19861003 - CIBIE PROJECTEURS [FR]

Cited by

EP2587123A3; US9097400B2

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)

EP 2366941 A2 20110921; **EP 2366941 A3 20130130**; FR 2957134 A1 20110909; FR 2957134 B1 20150821

DOCDB simple family (application)

EP 11156344 A 20110301; FR 1051606 A 20100305