

Title (en)

Automobile headlight module for a cut-off beam

Title (de)

Modul eines Kraftfahrzeug-Scheinwerfers für einen Lichtstrahl mit Abschaltung

Title (fr)

Module de projecteur lumineux de véhicule automobile pour un faisceau à coupure

Publication

EP 1936260 B1 20121031 (FR)

Application

EP 07123757 A 20071220

Priority

FR 0611153 A 20061220

Abstract (en)

[origin: EP1936260A1] The module (M1) has a light source placed in concavity of a concave reflector (R1) and formed by LED. An output lens (L1) is placed in front of the reflector and the source. The reflector is associated to a folder (2.1) whose upper reflecting surface bends a beam from the reflector. The folder has a front end edge to form cut-off in the beam. A centered line of the lens is formed by a left bend arc. An intermediate corrector system (D1) is placed between the reflector and the lens for obtaining satisfactory cutting line based on the geometry of output and input surfaces (4.1, 6.1) of lens. An independent claim is also included for a headlight of motor vehicle comprising lighting modules.

IPC 8 full level

F21S 8/12 (2006.01); **F21V 5/00** (2006.01); **F21W 101/10** (2006.01); **F21W 107/10** (2018.01)

CPC (source: EP US)

F21S 41/151 (2017.12 - EP US); **F21S 41/26** (2017.12 - EP US); **F21S 41/285** (2017.12 - EP US); **F21S 41/321** (2017.12 - EP US); **F21S 41/43** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US)

Cited by

WO2013037858A1; CN114893747A; FR3119440A1; FR2979969A1; EP2767750A3; EP2985517A4; EP3315851A1; FR3058105A1; CN108019713A; FR2960497A1; EP2390562A3; EP2708798A1; FR2995661A1; EP2620697A3; CN106895336A; EP3299700A1; FR3056683A1; EP3872397A1; US9134000B2; US11002421B2; US10139057B2; US8585261B2; US8651716B2; US11168861B2; US9539931B2; WO2022162180A1; WO2009130655A3; WO2016066915A1; EP3343091B1

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DOCDB simple family (publication)

EP 1936260 A1 20080625; **EP 1936260 B1 20121031**; ES 2398584 T3 20130320; FR 2910592 A1 20080627; FR 2910592 B1 20120720; US 2008151567 A1 20080626; US 7934861 B2 20110503

DOCDB simple family (application)

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