

Title (en)

Light module for a headlight of a motor vehicle

Title (de)

Lichtmodul für einen Scheinwerfer eines Kraftfahrzeugs

Title (fr)

Module d'éclairage pour un phare de véhicule automobile

Publication

EP 2730836 B1 20170906 (DE)

Application

EP 13187943 A 20131009

Priority

DE 102012220507 A 20121109

Abstract (en)

[origin: EP2730836A1] The light module (10) has a light source (12) and an optical element, which transforms a portion of the light (14) into a bright region of the low beam-light distribution. Another portion of the light on a reflection surface is diverted to an overhead beam path and is transformed into a less brightly illuminated region of the low beam-light distribution lying on the other side of the light-dark boundary (28). Another diversion of the overhead light on another reflection surface is carried out into the overhead beam path.

IPC 8 full level

F21S 8/10 (2006.01)

CPC (source: EP US)

F21S 41/147 (2017.12 - EP US); **F21S 41/255** (2017.12 - EP); **F21S 41/321** (2017.12 - EP); **F21S 41/322** (2017.12 - EP); **F21S 41/365** (2017.12 - EP US); **F21S 41/43** (2017.12 - EP US); **F21W 2102/18** (2017.12 - EP)

Cited by

WO2022248157A1; EP3907427A4; US10690309B2; EP3290777A1; FR3055400A1; DE102021113426A1

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 2730836 A1 20140514; **EP 2730836 B1 20170906**; CN 103807715 A 20140521; CN 103807715 B 20171128; DE 102012220507 A1 20140515

DOCDB simple family (application)

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