

Title (en)
LIGHT MODULE FOR MOTOR VEHICLE HEADLAMPS

Title (de)
LICHTMODUL FÜR KRAFTFAHRZEUGSCHEINWERFER

Title (fr)
MODULE D'ÉCLAIRAGE DE PHARE DE VÉHICULE AUTOMOBILE

Publication
EP 3343091 B1 20210217 (DE)

Application
EP 17205636 A 20171206

Priority
DE 102016125887 A 20161229

Abstract (en)
[origin: US2018187851A1] A light module for a motor vehicle headlight with at least two semi-conductor light sources, a light decoupling optical system having at least one partial optical element and a diaphragm. The light module includes a lens combination arranged between the light decoupling optical system and the diaphragm, which is illuminated by at least one of the two semi-conductor light sources, wherein the lens combination has different refractivities in two spatial directions perpendicular to one another and to the main propagation direction of the emitted light. The light decoupling optical system has different refractivities in the two spatial directions, wherein the refractivity of the light decoupling optical system is greater in the spatial direction in which the lens combination has a lesser refractivity.

IPC 8 full level
F21S 41/143 (2018.01); **F21S 41/26** (2018.01); **F21S 41/32** (2018.01); **F21S 41/365** (2018.01); **F21S 41/43** (2018.01); **F21S 41/663** (2018.01); **F21S 43/14** (2018.01); **F21S 43/20** (2018.01); **F21S 43/31** (2018.01); **F21S 43/40** (2018.01); **F21W 102/13** (2018.01); **F21W 103/20** (2018.01); **F21W 103/55** (2018.01)

CPC (source: CN EP US)
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Citation (examination)
• EP 1936260 A1 20080625 - VALEO VISION [FR]
• EP 3299703 A1 20180328 - VALEO VISION [FR]

Cited by
FR3138498A1; EP3505814A1; EP3505815A1; EP3505397A1; US10767828B2; US10724703B2; US10823359B2; WO2024094280A1; WO2023164023A1; WO2023274897A1; WO2023143890A1; WO2019175018A1; WO2024023307A1

Designated contracting state (EPC)
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EP 3343091 A1 20180704; **EP 3343091 B1 20210217**; CN 108253372 A 20180706; CN 108253372 B 20220121;
DE 102016125887 A1 20180705; US 10082264 B2 20180925; US 2018187851 A1 20180705

DOCDB simple family (application)
EP 17205636 A 20171206; CN 201711405397 A 20171222; DE 102016125887 A 20161229; US 201715853162 A 20171222