

Title (en)

LIGHTING DEVICE FOR MOTOR VEHICLE COMPRISING LIGHT UNITS COOLED BY MEANS OF AN AIR FLOW GENERATOR

Title (de)

BELEUCHTUNGSVORRICHTUNG FÜR KRAFTFAHRZEUG, DIE LEUCHTMODULE UMFASST, DIE MITTELS EINEM LUFTSTROMERZEUGENDEN GENERATOR GEKÜHLT WERDEN

Title (fr)

DISPOSITIF D'ECLAIRAGE POUR VEHICULE AUTOMOBILE COMPRENANT DES MODULES LUMINEUX REFROIDIS AU MOYEN D'UN GENERATEUR D'UN FLUX D'AIR

Publication

EP 3214363 B1 20221026 (FR)

Application

EP 17157627 A 20170223

Priority

FR 1651749 A 20160302

Abstract (en)

[origin: US2017254501A1] A motor vehicle lighting device includes structural elements with a housing, at least one light module accommodated inside the housing, and at least one light source cooperating with an optical surface. The light module is provided with a heat sink, a generator of an air flow, and a single air duct suitable for cooperating with the generator of the air flow such as to direct the generated air flow towards the heat sink of the at least one light module. The air duct is formed by an open part added in the housing, and at least one closing structural element suitable for closing all or part of the added part.

IPC 8 full level

F21S 45/49 (2018.01); **F21S 41/141** (2018.01); **F21S 43/14** (2018.01); **F21W 107/10** (2018.01)

CPC (source: CN EP US)

F21S 45/43 (2017.12 - EP US); **F21S 45/49** (2017.12 - EP US); **F21V 29/60** (2015.01 - CN); **F21V 29/673** (2015.01 - US); **F21V 29/70** (2015.01 - CN); **F21V 29/763** (2015.01 - US); **F21V 29/83** (2015.01 - US); **F21S 41/141** (2017.12 - EP US); **F21S 43/14** (2017.12 - EP US); **F21W 2102/00** (2017.12 - US); **F21W 2102/30** (2017.12 - EP); **F21Y 2115/00** (2016.07 - US); **F21Y 2115/10** (2016.07 - EP US)

Cited by

EP3715707A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 17157627 A 20170223; CN 201710120030 A 20170302; FR 1651749 A 20160302; US 201715446106 A 20170301