

Title (en)
LIGHTING AND/OR SIGNALLING DEVICE FOR MOTOR VEHICLE PROVIDED WITH A LIGHT MODULE COOLED BY MEANS OF AN AIR FLOW GENERATOR

Title (de)
BELEUCHTUNGS- UND/ODER SIGNALISIERUNGSVORRICHTUNG FÜR KRAFTFAHRZEUG, DAS EIN LEUCHTMODUL UMFASST, DAS MITHILFE EINES LUFTSTROMERZEUGENDEN GENERATORS GEKÜHLT WIRD

Title (fr)
DISPOSITIF D'ECLAIRAGE ET/OU DE SIGNALISATION POUR VEHICULE AUTOMOBILE EQUIPE D'UN MODULE LUMINEUX REFROIDI AU MOYEN D'UN GENERATEUR D'UN FLUX D'AIR

Publication
EP 3252369 B1 20190130 (FR)

Application
EP 17172846 A 20170524

Priority
FR 1654904 A 20160531

Abstract (en)
[origin: CN107448860A] The present invention relates to a lighting and / or signaling device (10) for a motor vehicle, said lighting and / or signaling device (10) comprising: - a housing (1); - an ice (3) adapted to close the housing (1); - at least one light module (5) housed inside said housing (1) comprising: - at least one optical surface (9, 9', 9'') - at least one co-operating light source (7, 7') with said optical surface (9, 9') for forming a light beam; - a heat sink (11) having a plurality of vanes (13); - an air flow generator (15) adapted to generate a flow of air (17) to the heat sink (11), said air flow (17) passing through the fins (13) of the heat sink (11), and - a support plate (19) of the light module (5) having a front portion (20a) facing the ice (3) comprising a plurality of interstices adapted to direct the air flow (17) from the heat sink (11) to the ice (3).

IPC 8 full level
F21S 45/00 (2018.01)

CPC (source: CN EP US)
F21S 41/00 (2017.12 - US); **F21S 41/148** (2017.12 - CN EP); **F21S 41/192** (2017.12 - CN EP); **F21S 41/25** (2017.12 - CN EP); **F21S 41/255** (2017.12 - EP); **F21S 41/28** (2017.12 - CN EP US); **F21S 41/321** (2017.12 - CN EP); **F21S 41/36** (2017.12 - EP); **F21S 41/40** (2017.12 - CN EP); **F21S 41/50** (2017.12 - EP); **F21S 43/14** (2017.12 - CN EP US); **F21S 43/195** (2017.12 - CN EP); **F21S 43/26** (2017.12 - CN EP US); **F21S 43/31** (2017.12 - CN EP); **F21S 43/40** (2017.12 - EP); **F21S 45/42** (2017.12 - EP US); **F21S 45/43** (2017.12 - CN EP US); **F21S 45/435** (2017.12 - CN EP); **F21S 45/47** (2017.12 - CN EP US); **F21S 45/60** (2017.12 - CN EP US); **F21S 41/148** (2017.12 - US); **F21Y 2115/10** (2016.07 - CN)

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 3252369 A1 20171206; **EP 3252369 B1 20190130**; CN 107448860 A 20171208; CN 107448860 B 20220201; FR 3051889 A1 20171201; FR 3051889 B1 20200306; US 10228105 B2 20190312; US 2017343182 A1 20171130

DOCDB simple family (application)
EP 17172846 A 20170524; CN 201710405844 A 20170531; FR 1654904 A 20160531; US 201715609511 A 20170531