

Title (en)

VENTILATED MOTOR VEHICLE LIGHTING DEVICE WITH A REPLACEABLE AIR FILTER

Title (de)

BELÜFTETE KRAFTFAHRZEUGBELEUCHTUNGSEINRICHTUNG MIT EINEM AUSWECHSELBAREN LUFTFILTER

Title (fr)

DISPOSITIF D'ÉCLAIRAGE DE VÉHICULE AUTOMOBILE VENTILÉ COMPRENANT UN FILTRE À AIR ÉCHANGEABLE

Publication

EP 3217075 B1 20210804 (DE)

Application

EP 17155074 A 20170207

Priority

DE 102016104006 A 20160304

Abstract (en)

[origin: JP2017157559A] PROBLEM TO BE SOLVED: To prevent condensation of moisture on an inner surface of a cover plate in a lighting system for an automobile and to quickly eliminate condensation of moisture. SOLUTION: A lighting system 10 for an automobile has a housing 18, a cover plate 20 covering a light emitting opening portion of the housing 18, a ventilation connecting portion 34, and an air filter 36 disposed on the ventilation connecting portion 34 at a front side of the ventilation connecting portion when observed from a flow passage of the ventilation air flowing into the housing 18 through the ventilation connecting portion 34. The air filter 36 is connected to the ventilation connecting portion 34 in a manner that it is non-destructively removable and replaceable. SELECTED DRAWING: Figure 1

IPC 8 full level

H05K 5/02 (2006.01); **B01D 46/00** (2006.01); **F21S 45/30** (2018.01); **F21S 45/33** (2018.01)

CPC (source: EP)

F21S 45/30 (2017.12); **F21S 45/33** (2017.12)

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 3217075 A1 20170913; **EP 3217075 B1 20210804**; DE 102016104006 A1 20170907; JP 2017157559 A 20170907

DOCDB simple family (application)

EP 17155074 A 20170207; DE 102016104006 A 20160304; JP 2017037410 A 20170228