

Title (en)
PASSIVE LED VEHICLE LIGHT VENTILATION DEVICE

Title (de)
PASSIVE LED-FAHRZEUGLICHTBELÜFTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE VENTILATION PASSIF DE PHARE DE VÉHICULE À DEL

Publication
EP 3633265 A1 20200408 (EN)

Application
EP 19193386 A 20190823

Priority
EP 18198374 A 20181002

Abstract (en)
Ventilation device (1) for a LED vehicle light module (100), wherein the device (1) comprises an air channel (10) having an input opening (11), an output opening (12), and a bleed opening (13), wherein the air channel (10) comprises a nozzle section (14) which comprises a tapered cross-section such that the cross-section is bigger (14.1) coming from the input opening (11) and getting smaller (14.2) in direction to the output opening (12), wherein the bleed opening (13) is positioned in the nozzle section (14) and configured to direct bleed air through the bleed opening (13) out of the device (1) due to a pressure gradient between air in the nozzle section (14) flowing through the air channel (10) and air outside the device (1).

IPC 8 full level
F21S 45/33 (2018.01)

CPC (source: EP)
F21S 45/33 (2018.01)

Citation (search report)

- [XAYI] JP 2002124123 A 20020426 - DENSO CORP
- [YA] JP 2007201110 A 20070809 - NITTO DENKO CORP

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

Designated extension state (EPC)
BA ME

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