

Title (en)
LIGHTING DEVICE WITH A LOW PROFILE AND UNIFORM ILLUMINATION

Title (de)
BELEUCHTUNGSVORRICHTUNG MIT GERINGER DICKE UND HOMOGENER AUSLEUCHTUNG

Title (fr)
DISPOSITIF LUMINEUX A FAIBLE EPAISSEUR ET ECLAIRAGE HOMOGENE

Publication
EP 3467375 A1 20190410 (FR)

Application
EP 18193052 A 20180906

Priority
FR 1758443 A 20170912

Abstract (en)
[origin: US2019078752A1] A lighting device, in particular for a motor vehicle, including a substrate; light sources of the side-emitting LED type, which are placed on the substrate and which illuminate in main directions that are orientated along the substrate; and a screen placed so as to receive the light rays emitted by the light sources. The substrate includes windows and the lighting device furthermore includes reflective surfaces that are placed facing the windows so as to reflect, toward the screen, a portion of the light rays emitted by the light sources.

Abstract (fr)
L'invention a trait à un dispositif lumineux (2), notamment pour véhicule automobile, comprenant un substrat (4) ; des sources lumineuses (8) du type diode à électroluminescence à éclairage latéral, disposées sur le substrat (4) et éclairant suivant des directions principales (20) orientées suivant le substrat (4) ; un écran (12) disposé de manière à recevoir les rayons lumineux émis par les sources lumineuses (8). Le substrat (4) comprend des ajours (6) et le dispositif lumineux (2) comprend, en outre, des surfaces réfléchissantes (14) disposées en face des ajours (6) de manière à réfléchir vers l'écran (12) une partie des rayons lumineux émis par les sources lumineuses (8).

IPC 8 full level
F21V 7/00 (2006.01); **F21Y 115/10** (2016.01)

CPC (source: CN EP US)
F21S 41/141 (2017.12 - CN); **F21S 41/36** (2017.12 - CN); **F21S 41/40** (2017.12 - CN); **F21S 43/14** (2017.12 - EP US); **F21S 43/195** (2017.12 - EP US); **F21S 43/26** (2017.12 - EP US); **F21S 43/31** (2017.12 - EP US); **F21S 43/37** (2017.12 - EP US); **F21S 43/40** (2017.12 - EP US); **F21V 7/0083** (2013.01 - EP US); **F21V 7/04** (2013.01 - CN); **F21V 11/00** (2013.01 - CN); **F21V 19/001** (2013.01 - CN); **F21W 2107/10** (2017.12 - CN); **F21Y 2115/10** (2016.07 - CN EP US)

Citation (search report)
• [A] US 2016076720 A1 20160317 - NANTAIS JASON [US], et al
• [A] EP 2671756 A2 20131211 - LG INNOTEK CO LTD [KR]
• [AD] FR 2697485 A1 19940506 - VALEO VISION [FR]

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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DOCDB simple family (application)
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