

Title (en)

LIGHTING MODULE HAVING A MONOLITHIC LIGHT-EMITTING SOURCE

Title (de)

BELEUCHTUNGSMODUL MIT EINER MONOLITHISCHEN LICHTEMITTIERENDEN QUELLE

Title (fr)

MODULE LUMINEUX A SOURCE ELECTROLUMINESCENTE MONOLITHIQUE

Publication

EP 3513119 B1 20211110 (FR)

Application

EP 17742269 A 20170726

Priority

- FR 1658664 A 20160915
- EP 2017068934 W 20170726

Abstract (en)

[origin: WO2018050337A1] The invention relates in particular to a lighting module, especially for a motor vehicle, comprising: a monolithic light-emitting source including light-emitting elements; and a primary optical system equipped with a plurality of converging optics, at least one converging optic being associated with each light-emitting element and forming an image of the light-emitting element associated therewith.

IPC 8 full level

F21S 41/153 (2018.01)

CPC (source: EP US)

F21K 9/60 (2016.08 - EP US); **F21S 41/143** (2018.01 - EP US); **F21S 41/153** (2018.01 - EP US); **F21S 41/255** (2018.01 - EP US);
F21S 41/285 (2018.01 - EP US); **F21S 43/14** (2018.01 - US); **F21S 43/26** (2024.05 - US); **F21V 5/004** (2013.01 - US);
F21V 5/007 (2013.01 - EP US); **F21W 2107/10** (2018.01 - US); **F21Y 2105/16** (2016.08 - EP US); **F21Y 2115/10** (2016.08 - EP US)

Citation (examination)

EP 2789900 A2 20141015 - AUTOMOTIVE LIGHTING REUTLINGEN [DE]

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)

WO 2018050337 A1 20180322; CN 109716016 A 20190503; CN 109716016 B 20240621; EP 3513119 A1 20190724; EP 3513119 B1 20211110;
US 10683986 B2 20200616; US 2019203907 A1 20190704

DOCDB simple family (application)

EP 2017068934 W 20170726; CN 201780057055 A 20170726; EP 17742269 A 20170726; US 201716333910 A 20170726