

Title (en)
OPTICAL MODULE FOR MOTOR VEHICLE

Title (de)
OPTISCHES MODUL FÜR KRAFTFAHRZEUG

Title (fr)
MODULE OPTIQUE POUR VÉHICULE AUTOMOBILE

Publication
EP 3301349 B1 20190424 (FR)

Application
EP 17191739 A 20170919

Priority
FR 1659371 A 20160929

Abstract (en)
[origin: US2018087736A1] An optical module for a motor vehicle, the module having a longitudinal optical axis including a matrix array of elementary light sources emitting from a common emission plane that is orthogonal to the optical axis, and a projecting lens for projecting the image of the elementary light sources. The projecting lens includes an object focal surface having a curvature defect. A field-correcting optical element is interposed between the emission plane and the projecting lens.

IPC 8 full level
F21S 41/25 (2018.01)

CPC (source: EP US)
F21S 41/143 (2017.12 - EP US); **F21S 41/153** (2017.12 - EP US); **F21S 41/19** (2017.12 - EP US); **F21S 41/24** (2017.12 - EP US);
F21S 41/25 (2017.12 - EP US); **F21S 41/26** (2017.12 - EP US); **F21S 41/29** (2017.12 - EP US); **F21S 45/47** (2017.12 - EP US);
F21Y 2105/16 (2016.07 - US); **F21Y 2115/10** (2016.07 - EP US)

Cited by
EP3421875A1; FR3068435A1; US10823357B2

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 3301349 A1 20180404; **EP 3301349 B1 20190424**; CN 108302464 A 20180720; CN 108302464 B 20220128; FR 3056692 A1 20180330;
FR 3056692 B1 20200529; US 10480742 B2 20191119; US 2018087736 A1 20180329

DOCDB simple family (application)
EP 17191739 A 20170919; CN 201710904799 A 20170928; FR 1659371 A 20160929; US 201715720034 A 20170929