

Title (en)
OPTICAL MODULE FOR MOTOR VEHICLE

Title (de)
OPTISCHES MODUL FÜR KRAFTFAHRZEUG

Title (fr)
MODULE OPTIQUE POUR VÉHICULE AUTOMOBILE

Publication
EP 3301349 A1 20180404 (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.

Abstract (fr)
L'invention concerne un module optique pour véhicule automobile présentant un axe (A) optique longitudinal et comportant : - une matrice de sources (30) lumineuses élémentaires depuis un plan (P) commun d'émission orthogonal à l'axe (A) optique ; - une optique (14) de projection de l'image des sources (30) lumineuses élémentaires, l'optique (14) de projection comportant une surface (S) focale objet présentant un défaut de courbure ; caractérisé en ce qu'un élément (34) optique de correction de champ est interposé entre le plan (P) d'émission et l'optique (14) de projection.

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)

Citation (search report)

- [X] EP 2587125 A2 20130501 - AUTOMOTIVE LIGHTING REUTLINGEN [DE]
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- [A] WO 2015107678 A1 20150723 - MITSUBISHI ELECTRIC CORP [JP]
- [A] EP 2975318 A1 20160120 - STANLEY ELECTRIC CO LTD [JP]

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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

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DOCDB simple family (application)
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