

Title (en)
LIGHT MODULE FOR A MOTOR VEHICLE

Title (de)
LEUCHTMODUL FÜR KRAFTFAHRZEUG

Title (fr)
MODULE LUMINEUX POUR VEHICULE AUTOMOBILE

Publication
EP 3396237 A1 20181031 (FR)

Application
EP 18168547 A 20180420

Priority
FR 1753694 A 20170427

Abstract (en)
[origin: JP2018188139A] PROBLEM TO BE SOLVED: To provide a single module which is constituted so as to project two types of beams without causing the existence of dark line streams in the beams at a "high-beam" mode by the instantaneous control of two constituent members of a lamp module.SOLUTION: A lamp module 1 for a motor vehicle comprises: at least two light sources 2, 4; devices 6, 8 for optically deflecting light beams discharged from the light sources 2, 4; a forming optical component 10 for forming the deflected light beams; and a shield body 12 which is arranged between the optical deflection devices 6, 8 and the forming optical component 10, and takes at least two different positions. The light sources 2, 4 are controlled as functions of the positions of the shield body 12.SELECTED DRAWING: Figure 1

Abstract (fr)
Un module lumineux (1) pour véhicule automobile comporte au moins deux sources lumineuses (2, 4), des dispositifs de déviation optique (6, 8) des rayons lumineux émis par les sources lumineuses (2, 4), une optique de mise en forme (10) des rayons déviés, et un cache (12, 112) agencé entre les dispositifs de déviation optique et l'optique de mise en forme et apte à prendre au moins deux positions distinctes. Selon l'invention, les sources lumineuses (2, 4) sont pilotées en fonction de la position du cache (12, 112).

IPC 8 full level
F21S 41/663 (2018.01); **F21S 41/689** (2018.01)

CPC (source: EP)
F21S 41/663 (2017.12); **F21S 41/689** (2017.12); **F21S 41/143** (2017.12); **F21S 41/151** (2017.12); **F21S 41/32** (2017.12)

Citation (search report)
• [XAI] EP 2436969 A2 20120404 - KOITO MFG CO LTD [JP]
• [X] JP 2015118833 A 20150625 - KOITO MFG CO LTD
• [X] WO 2010032143 A1 20100325 - PHILIPS INTELLECTUAL PROPERTY [DE], et al
• [X] US 2014362572 A1 20141211 - SUN CHING-CHERNG [TW], et al
• [A] JP 2012119219 A 20120621 - KOITO MFG CO LTD

Cited by
CN110094685A; FR3103253A1; CN114981590A; US11959610B2; WO2024114496A1; WO2021099430A1

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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BA ME

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EP 3396237 A1 20181031; **EP 3396237 B1 20210630**; FR 3065786 A1 20181102; FR 3065786 B1 20191129; JP 2018188139 A 20181129; JP 7182375 B2 20221202

DOCDB simple family (application)
EP 18168547 A 20180420; FR 1753694 A 20170427; JP 2018085675 A 20180426