

Title (en)
DEVICE FOR PROJECTING A LIGHT BEAM WITH MECHANICAL ACTUATOR, OPTICAL MODULE AND HEADLIGHT PROVIDED WITH SUCH A DEVICE

Title (de)
VORRICHTUNG ZUR PROJEKTION EINES LICHTSTRAHLS MIT MECHANISCHEM BETÄTIGUNGSORGAN, OPTISCHES MODUL UND MIT EINER SOLCHEN VORRICHTUNG AUSGERÜSTETER SCHEINWERFER

Title (fr)
DISPOSITIF DE PROJECTION DE FAISCEAU LUMINEUX À ACTIONNEUR MÉCANIQUE, MODULE OPTIQUE ET PROJECTEUR MUNI D'UN TEL DISPOSITIF

Publication
EP 3382266 B1 20191218 (FR)

Application
EP 18163462 A 20180322

Priority
FR 1752808 A 20170331

Abstract (en)
[origin: US2018283641A1] A device for projecting a light beam and having a mechanical actuator, notably for a motor vehicle, including an array of light sources able to emit light rays in order to form the light beam along an optical axis, each light source defining a component of the light beam which has an angle of resolution defined in a plane, the device including moreover a mechanical actuator configured for displacing at least one element of the device in such a way that the optical axis of the light beam is moved between at least two projection directions at a specified frequency of displacement, the projection directions forming between them an angle of displacement substantially coplanar with the angle of resolution, the angle of displacement being equal to a fraction of the angle of resolution of the beam.

IPC 8 full level
F21S 41/63 (2018.01); **F21S 41/141** (2018.01); **F21S 41/25** (2018.01); **F21S 41/657** (2018.01); **F21S 41/663** (2018.01); **F21S 41/675** (2018.01); **F21Y 105/10** (2016.01)

CPC (source: CN EP US)
F21S 41/141 (2017.12 - US); **F21S 41/153** (2017.12 - EP); **F21S 41/25** (2017.12 - EP US); **F21S 41/60** (2017.12 - CN); **F21S 41/635** (2017.12 - EP US); **F21S 41/657** (2017.12 - CN EP US); **F21S 41/663** (2017.12 - EP US); **F21S 41/675** (2017.12 - CN EP US); **F21S 41/143** (2017.12 - EP US); **F21W 2102/13** (2017.12 - CN); **F21W 2107/10** (2017.12 - CN); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - CN)

Cited by
EP3913280A1; WO2021233620A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3382266 A1 20181003; **EP 3382266 B1 20191218**; CN 108692276 A 20181023; CN 108692276 B 20201229; FR 3064720 A1 20181005; FR 3064720 B1 20190405; JP 2018174138 A 20181108; US 10408410 B2 20190910; US 2018283641 A1 20181004

DOCDB simple family (application)
EP 18163462 A 20180322; CN 201810286995 A 20180330; FR 1752808 A 20170331; JP 2018069306 A 20180330; US 201815940124 A 20180329