

Title (en)

MOTOR VEHICLE LIGHTING DEVICE AND ASSOCIATED ASSEMBLY METHOD

Title (de)

LEUCHTVORRICHTUNG FÜR KRAFTFAHRZEUG, UND ENTSPRECHENDES MONTAGEVERFAHREN

Title (fr)

DISPOSITIF LUMINEUX DE VÉHICULE AUTOMOBILE ET PROCÉDÉ D'ASSEMBLAGE ASSOCIÉ

Publication

EP 3222903 A1 20170927 (FR)

Application

EP 17157087 A 20170221

Priority

FR 1651460 A 20160223

Abstract (en)

[origin: US2017241625A1] A lighting device for an automotive vehicle includes a printed circuit board having one or more electronic components, and a support joined, or capable of being joined, to the printed circuit board. The lighting device included a first joining device for joining the printed circuit board to the support, the first device permitting the printed circuit board to rotate, with respect to the support, about an axis and perpendicularly to the axis. Also included is second joining device for joining the printed circuit board to the support, located at a distance from the first joining device and capable of blocking the rotations of the printed circuit board with respect to the support, in an assembled configuration of the printed circuit board and the support.

Abstract (fr)

La présente invention concerne un dispositif lumineux (10) pour véhicule automobile, comportant : un circuit imprimé (12), comprenant un ou plusieurs composants électroniques (28) ; et un support (14) assemblé ou apte à être assemblé au circuit imprimé. Le dispositif lumineux comprend : - un premier dispositif d'assemblage (30, 42, 50) entre le circuit imprimé et le support, ledit premier dispositif autorisant des rotations dudit circuit imprimé par rapport audit support, autour d'un axe (44) et perpendiculairement (Y, Z) audit axe ; et - un deuxième dispositif d'assemblage (32, 54) entre le circuit imprimé et le support, situé à distance du premier dispositif d'assemblage et apte à bloquer les rotations du circuit imprimé par rapport au support, dans une configuration assemblée dudit circuit imprimé et dudit support.

IPC 8 full level

F21S 8/10 (2006.01)

CPC (source: CN EP US)

F21S 41/151 (2017.12 - EP US); **F21S 41/19** (2017.12 - EP US); **F21S 41/192** (2017.12 - EP US); **F21S 41/198** (2017.12 - EP US); **F21S 43/00** (2017.12 - CN); **F21S 43/14** (2017.12 - EP US); **F21S 43/19** (2017.12 - EP US); **F21S 43/195** (2017.12 - EP US); **F21V 19/003** (2013.01 - CN); **F21V 19/004** (2013.01 - US); **F21V 19/02** (2013.01 - US); **F21W 2103/00** (2017.12 - CN); **F21W 2103/20** (2017.12 - CN); **F21Y 2115/10** (2016.07 - US)

Citation (applicant)

CN 203784789 U 20140820 - NANNING LIAOWANG AUTOMOTIVE LAMP CO LTD

Citation (search report)

- [A] DE 102012219007 A1 20140424 - AUTOMOTIVE LIGHTING REUTLINGEN [DE]
- [A] EP 2574503 A1 20130403 - VALEO VISION [FR]
- [A] EP 1679472 A2 20060712 - VALEO VISION [FR]
- [A] EP 2213934 A2 20100804 - ICHIKOH INDUSTRIES LTD [JP]
- [AD] CN 203784789 U 20140820 - NANNING LIAOWANG AUTOMOTIVE LAMP CO LTD

Designated contracting state (EPC)

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DOCDB simple family (application)

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