

Title (en)

Lighting and/or signalling device for a vehicle including a lens and sources

Title (de)

Vorrichtung zur Beleuchtung und/oder Signalisierung für Fahrzeuge, die eine Linse und Lichtquellen umfasst

Title (fr)

Dispositif d'éclairage et/ou de signalisation pour véhicule comprenant une lentille et des sources

Publication

EP 2711612 A1 20140326 (FR)

Application

EP 13185229 A 20130919

Priority

FR 1258970 A 20120925

Abstract (en)

The module has two light sources i.e. LEDs (6, 8, 10, 12, 14, 16), arranged facing two faces of a lens (4). Controlling elements (17, 19) controls lighting-up of one of the light sources of two light sources independently of the other light source. The light sources exhibit a light emission axis passing through the lens, and are arranged such that beams enter the lens directly. The lens exhibits a line of foci on which two light sources are located, where the lens exhibits a light output face comprising an elliptical-shaped cross section in a vertical plane. The two faces are a flat vertical rear face (18) and a vertical front face (20). The beams are a low beam, a high beam, a fog beam, daytime running beam and daytime running light (DRL).

Abstract (fr)

Le module optique, notamment pour un dispositif (2) d'éclairage et/ou de signalisation pour véhicule, comprend : - une lentille (4), - au moins deux sources de lumière, notamment deux leds (6, 8, 10, 12, 14, 16), disposées en regard d'une même face (18) de la lentille, et - des moyens (17, 19) permettant de commander l'allumage d'au moins une (10) des sources indépendamment de l'autre (6, 8, 12, 14, 16).

IPC 8 full level

F21S 8/10 (2006.01); **F21V 5/00** (2006.01)

CPC (source: EP US)

F21K 9/60 (2016.07 - EP US); **F21S 41/143** (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/26** (2017.12 - EP US); **F21S 41/265** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US)

Citation (applicant)

FR 2849156 A1 20040625 - VALEO VISION [FR]

Citation (search report)

- [XI] EP 2280215 A2 20110202 - ZIZALA LICHTSYSTEME GMBH [AT]
- [X] DE 202010001654 U1 20100520 - DELVIS GMBH [DE]
- [X] US 2005041434 A1 20050224 - YATSUDA YASUSHI [JP], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2711612 A1 20140326; **EP 2711612 B1 20230426**; FR 2995973 A1 20140328; FR 2995973 B1 20190405; JP 2014067714 A 20140417; JP 6257980 B2 20180110; US 2014085920 A1 20140327; US 9200760 B2 20151201

DOCDB simple family (application)

EP 13185229 A 20130919; FR 1258970 A 20120925; JP 2013197158 A 20130924; US 201314034856 A 20130924