

Title (en)
LIGHT MODULE OF A MOTOR VEHICLE

Title (de)
LEUCHTMODUL EINES KRAFTFAHRZEUGS

Title (fr)
MODULE LUMINEUX D'UN VEHICULE AUTOMOBILE

Publication
EP 2921772 A1 20150923 (FR)

Application
EP 15159945 A 20150319

Priority
FR 1452364 A 20140321

Abstract (en)
[origin: CN104930430A] The invention relates to a light module comprising transmitting means (2) of a light flux toward a reflector (4) having means of optical deviation (12) of said flow towards the outlet of said module, said reflector comprising a support wall (28) which is integral with the means of optical deviation and which is arranged across said optical deviation means so as to be disposed between said optical deflection means and said transmitting means. The support wall has a shading portion (36) which is arranged opposite the emission means and including one of said cut edge (48) is etched so as to form a shield come integral with the support wall, adapted to let pass only a portion of the rays emitted by the issuance means. The invention also concerns a motor vehicle headlight, in particular in that it comprises two light modules parallel to each other transversely.

Abstract (fr)
L'invention concerne un module lumineux comportant des moyens d'émission (2) d'un flux lumineux en direction d'un réflecteur (4) présentant des moyens de déviation optique (12) dudit flux vers la sortie dudit module, ledit réflecteur comportant une paroi support (28) qui est solidaire des moyens de déviation optique et qui est disposée en travers desdits moyens de déviation optique de manière à être disposée entre lesdits moyens de déviation optique et les moyens d'émission. La paroi support comporte une portion d'occultation (36) qui est disposée en regard des moyens d'émission et dont un bord dit de coupure (48) est découpé de manière à former un occulteur venu de matière avec la paroi support, apte à laisser passage seulement à une partie des rayons émis par les moyens d'émission. L'invention concerne également un projecteur de véhicule automobile, notamment en ce qu'il comporte deux modules lumineux disposés transversalement côte à côte.

IPC 8 full level
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Citation (search report)
• [XII] EP 2557357 A2 20130213 - ICHIKOH INDUSTRIES LTD [JP]
• [XII] US 2009168428 A1 20090702 - HUANG JACK [TW]
• [X] US 2012201043 A1 20120809 - DIPENTI TIMOTHY [US], et al
• [XA] DE 102011084890 A1 20130425 - AUTOMOTIVE LIGHTING REUTLINGEN [DE]
• [XA] EP 2551581 A2 20130130 - ICHIKOH INDUSTRIES LTD [JP]
• [XA] US 2013235605 A1 20130912 - BOHM GERALD [AT]
• [XA] EP 2573456 A1 20130327 - ICHIKOH INDUSTRIES LTD [JP]
• [XA] US 2011249461 A1 20111013 - SUGIE YOSHIHIRO [JP], et al
• [A] EP 2386795 A1 20111116 - KOITO MFG CO LTD [JP]
• [A] US 2013215632 A1 20130822 - JACKL CHRISTIAN [AT], et al
• [XP] DE 102012109492 A1 20140410 - HELLA KGAA HUECK & CO [DE]
• [XP] WO 2014080747 A1 20140530 - ICHIKOH INDUSTRIES LTD [JP]

Cited by
CZ308306B6; US11353189B2; WO2018161988A1

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