

Title (en)

VEHICLE LIGHTING DEVICE, IN PARTICULAR FOR DAYTIME-RUNNING LIGHTS, AND VEHICLE PROVIDED WITH SAME

Title (de)

FAHRZEUGBELEUCHTVORRICHTUNG, INSBESONDERE FÜR TAGFAHRLICHT, UND FAHRZEUG DAMIT

Title (fr)

DISPOSITIF D'ÉCLAIRAGE DE VÉHICULE, EN PARTICULIER D'ÉCLAIRAGE DIURNE, ET VÉHICULE AINSI ÉQUIPE

Publication

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Application

EP 15701560 A 20150112

Priority

- FR 1450453 A 20140121
- FR 2015050055 W 20150112

Abstract (en)

[origin: WO2015110736A1] A vehicle lighting device (1) includes a housing (10) receiving a concave reflector (12) and a source of luminous radiation (13) arranged so as to pass, after being reflected on the concave reflector (12), through an output lens (20) mounted on said housing (10). In this lighting device (1) said lens (20) includes a peripheral portion (22) having an area (22C, 42L) recessed from the front position (FR) of the housing (10) by a given distance (D), capable of masking the luminous radiation (F1), and coupled with a transparent central portion (23), which is convex overall and capable of collimating (F2) said luminous radiation (F1) when the latter passes through same. The main aim of the invention is that of providing vehicle lighting in a simple and efficient manner, without resorting to reflector portions with complex shapes, in particular with specific masks or collimators. For this purpose, a single lens is used to perform peripheral masking and central convex collimation.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2015110736A1

Citation (examination)

- US 2719967 A 19551004 - DONLEY HAROLD B
- EP 2505911 A2 20121003 - VALEO VISION [FR]

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