

Title (en)
ILLUMINATION DEVICE FOR A MOTOR VEHICLE AND MOTOR VEHICLE

Title (de)
BELEUCHTUNGSEINRICHTUNG FUR EIN KRAFTFAHRZEUG UND KRAFTFAHRZEUG

Title (fr)
SYSTÈME D'ÉCLAIRAGE POUR VÉHICULE AUTOMOBILE ET VÉHICULE AUTOMOBILE

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EP 14780762 A 20141001

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Abstract (en)
[origin: WO2015049048A1] The invention relates to an illumination device (1, 1') for a motor vehicle (17), comprising a laser light source (2), a radiation converter (6) containing a fluorescent material, in particular phosphorus, and a reflector (5), wherein laser light transmitted from the laser light source (2) is converted in the radiation converter (6) into secondary light which is in particular white and has a greater bandwidth by comparison with the laser light, and is spread. Said secondary light is redirected by the reflector (5) into a transmission direction of the illumination device (1, 1'), wherein in an impact region (8) of the reflector (5), which in the absence of the radiation converter (6) is exposed to the laser light, a protective means is provided for reduction of the light intensity of laser light transmitted from the illumination device (1, 1') in the absence of or damage to the radiation converter (6).

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