

Title (en)
LIGHTING DEVICE FOR A MOTOR VEHICLE HEADLIGHT

Title (de)
BELEUCHTUNGSVORRICHTUNG FÜR EINEN KRAFTFAHRZEUGSCHEINWERFER

Title (fr)
DISPOSITIF D'ÉCLAIRAGE POUR PHARE DE VÉHICULE AUTOMOBILE

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Application
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Abstract (en)
[origin: WO2017054020A1] The invention relates to a lighting device (1a) for a motor vehicle headlight, comprising a first light-guide unit (2) having a retaining bar (2a) and at least two outcoupling bars (2c) arranged at a distance from one another and protruding from the retaining bar (2a), a second light-guide unit (3) having a retaining bar (3a) and at least one outcoupling bar (3b) protruding from the retaining bar (3a), a number of light sources (4) for coupling light into the outcoupling bars (2b, 3b) of the light-guide units (2, 3), wherein at least one light source (4) is associated with each outcoupling bar (2b, 3b), and comprising at least one lens (5), preferably a projection lens, arranged after the light-guide units (2, 3) for generating a light distribution, wherein each outcoupling bar (2b, 3b) has a light-outcoupling surface (2c, 3c) for emitting light into the at least one lens (5), wherein the first and the second light-guide units (2, 3) are separate components from one another, which are arranged in relation to one another in such a way that a respective outcoupling bar (3b) of the second light-guide unit (3) is arranged between neighbouring outcoupling bars (2b) of the first light-guide unit (2), and wherein an aperture (11) is arranged between the lens (5) and the light-outcoupling surfaces (2c, 3c) of the outcoupling bars (2b, 3b).

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