

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

Publication

**EP 3063463 A1 20160907 (DE)**

Application

**EP 14824346 A 20141027**

Priority

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- AT 2014050259 W 20141027

Abstract (en)

[origin: WO2015061822A1] The invention relates to a lighting device (500) for a motor vehicle headlight, wherein the lighting device comprises at least one optical body (1) and at least one holding device (100) for the at least one optical body (1). The at least one optical body (1) has a number of ancillary optics (11, 12, 13, 14, 15) arranged next to one another, wherein each ancillary optical unit (11-15) is formed of a light-conducting material, and each ancillary optical unit (11-15) has a light-coupling surface (11a-15a) and a light-decoupling surface (11b-15b). The at least one holding device (100) for each ancillary optical unit (11-15) has at least one receptacle (111, 112, 113, 114, 115), wherein receptacles (111-115) are defined by delimiting walls (111', 112', 113', 114', 115'). At the light-exit side, the delimiting walls (111', 112', 113', 114', 115') have boundary edges (111a', 112a', 113a', 114a', 115a'), said boundary edges (111a', 112a', 113a', 114a', 115a') being projected, by means of the light distribution generated by the at least one optical body (1), as light/dark edges between the partial light distributions generated by the individual ancillary optics (11-15). A projection unit, preferably a projection lens (501), is connected downstream of the at least one optical body (1) in the light exit direction, wherein the ancillary optics (11-15) are arranged and/or configured such that in a light exit direction, the light-decoupling surfaces (11b-15b) of the ancillary optics (11-15) extend beyond the boundary edges (111a', 112a', 113a', 114a', 115a') of the delimiting walls (111', 112', 113', 114', 115').

IPC 8 full level

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Citation (search report)

See references of WO 2015061822A1

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