

Title (en)
MOTOR VEHICLE HEADLAMP

Title (de)
KRAFTFAHRZEUGSCHEINWERFER

Title (fr)
PHARE DE VÉHICULE À MOTEUR

Publication
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Application
EP 21755969 A 20210809

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Abstract (en)
[origin: WO2022043039A1] The invention relates to a motor vehicle headlamp (1) with an adjustable low beam, comprising at least two low-beam modules (2) for joint emission of a low-beam distribution, with each low-beam module (2) respectively being configured to emit a portion of the low-beam distribution with a specifiable luminous intensity, at least one light source carrier (3) with light sources (4), at least one light source (4) being assigned to each low-beam module (2), each low-beam module (2) comprising a reflector (2a) with at least a focal point (P) or a focal line, and at least one light source (4) being arranged on the focal point (P) or a focal line of the reflector (2a), and each low-beam module reflector (2a) being designed such that the light distribution emitted by each low-beam module (2) and also the light/dark boundary of the respective low-beam distribution are conclusively defined in conjunction with the assembled position of the low-beam module reflector (2a), the low-beam module reflector (2a), for the purposes of defining the course of a light/dark boundary of the respective portion of the low-beam distribution, having at least one edge (K) in the reflector surface reproducing this boundary, and at least one heatsink (5), on which the light source carrier (3) and the low-beam modules (2) are fastened, with at least one of the low-beam module reflectors (2a, 2a2) being securely connectable to the heatsink (5) in adjustable fashion by way of a reflector holder (2b) in each case, each reflector holder (2b) having at least one guide section (2b'), and each adjustable low-beam module reflector (2a2) having a corresponding engaging section (2a') for engagement in the guide section (2b'), the guide section (2b') of the reflector holder (2b) being designed such that a low-beam module reflector (2a2) engaging with the reflector holder (2b) can be continuously rotated along a section of a circular trajectory (B) and can be set and fixed in any relative rotational position in relation to the reflector holder (2b) within a rotational range defined thereby, the guide section (2b') being designed in such a way in the process that the center of the circular trajectory coincides with the focal point (P) of the adjustable low-beam module reflector (2a2) or is located on the focal line of the adjustable low-beam module reflector (2a2).

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