

Title (en)

MOTOR VEHICLE HEADLAMP AND LIGHTING DEVICE FOR A MOTOR VEHICLE HEADLAMP

Title (de)

BELEUCHTUNGSVORRICHTUNG FÜR EINEN KRAFTFAHRZEUGSCHEINWERFER SOWIE KRAFTFAHRZEUGSCHEINWERFER

Title (fr)

DISPOSITIF D'ÉCLAIRAGE POUR UN PHARE DE VÉHICULE AUTOMOBILE AINSI QUE PHARE DE VÉHICULE AUTOMOBILE

Publication

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Application

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Abstract (en)

[origin: WO2020127083A1] The invention relates to a lighting device (1) for a motor vehicle headlight for generating a light pattern (LV), particularly an adaptive light pattern, for example an adaptive dipped headlight and main beam light pattern, or a part of a light pattern of this kind, wherein the lighting device comprises a number N of preferably identical projection modules (10, 20), where $N = 2, 3, 4$ or greater than 4, each of the projection modules (10, 20) being designed to generate a segment light pattern (LV10, LV20). The projection modules (10, 20) are arranged with respect to one another in such a manner that, proceeding from a first projection module (10), known as the starting projection module (10), which generates what is called the starting segment light pattern (LV10), the segment light patterns (LV20; LV20, LV30) of the further projection modules (20) are displaced laterally in a, particularly in a common, horizontal direction, with the extent of the displacement, VSh, of the n-th segment light pattern (LV20; LV20, LV30) of the n-th projection module (20) in said horizontal direction being proportional to $(n - 1)/N$ times the principal segment width, BR, where $n = 2, \dots, N$, and with at least one of the n-th segment light patterns (LV20; LV10, LV20, LV30), $n = 2, \dots, N$, being displaced upwards or downwards vertically in respect of the starting segment light pattern (LV10).

IPC 8 full level

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