

Title (en)

MOTOR VEHICLE HEADLAMP WITH A SHIELDING SCREEN AGAINST INCOMING SOLAR RADIATION

Title (de)

KRAFTFAHRZEUGSCHEINWERFER MIT EINER ABSCHIRMBLENDE ZUR ABSCHIRMUNG EINTRETENDER SONNENSTRAHLUNG

Title (fr)

PHARE DE VÉHICULE AUTOMOBILE A ÉCRAN CONTRE LE RAYONNEMENT SOLAIRE ENTRANT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019158319A1] The invention relates to a motor vehicle headlamp having a shielding screen (9) for shielding incident solar radiation, wherein the shielding screen is arranged between a lighting unit (2) having at least one light source (3), and a projection optics (8). Said shielding screen has a light outlet aperture for light radiated by the light unit to the front, wherein the light emitted by the lighting unit is projected into the traffic space as a light image by means of the projection optics, and the shielding screen is located outside the focal plane of the projection optics. On the border (13) of the light outlet aperture (10) of the shielding screen (9), deflective structures (14, 15, 16, 17, 18, 19) are formed, at least in some areas, which lead to a deflection of scattered light that is emanating from the lighting unit and is undesirable in the light image.

IPC 8 full level

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CPC (source: EP KR US)

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