

Title (en)

LIGHT GUIDING ELEMENT FOR A LASER VEHICLE HEADLIGHT

Title (de)

LICHTLEITELEMENT FÜR EINEN LASER-FAHRZEUGSCHEINWERFER

Title (fr)

ÉLÉMENT GUIDE DE LUMIÈRE POUR PROJECTEUR DE VÉHICULE

Publication

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Application

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Abstract (en)

[origin: WO2013134805A1] The invention relates to a light guiding element (1) for a laser vehicle headlight (2), wherein the laser vehicle headlight (2) comprises at least one laser light source (3) and at least one luminous element (4) which can be irradiated by the laser light source (3) and can thus be excited to emit visible light, and the light guiding element (1) can substantially be arranged between the laser light source (3) and the luminous element (4), wherein the light guiding element (1) has a light entrance surface (5) and a light exit surface (6), wherein the entrance cross-sectional area of the light entrance surface (5) is greater than the exit cross-sectional area of the light exit surface (6), and the light radiated in through the light entrance surface (5) can be concentrated in the direction of the light exit surface (6) via the inner surface (7) connecting the light entrance surface (5) and the light exit surface (6). The invention additionally relates to a vehicle headlight (2) comprising at least one light guiding element (1) of this type.

IPC 8 full level

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Citation (opposition)

Opponent : VALEO VISION

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