

Title (en)

LIGHT MODULE FOR MOTOR VEHICLE, AND LIGHTING AND/OR SIGNALING DEVICE PROVIDED WITH SUCH A MODULE

Title (de)

LEUCHTMODUL FÜR KRAFTFAHRZEUG UND MIT SOLCH EINEM MODUL AUSGESTATTETE BELEUCHTUNGS- UND/ODER SIGNALVORRICHTUNG

Title (fr)

MODULE LUMINEUX POUR VÉHICULE AUTOMOBILE, ET DISPOSITIF D'ÉCLAIRAGE ET/OU DE SIGNALISATION MUNI D'UN TEL MODULE

Publication

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Application

**EP 19769820 A 20190923**

Priority

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Abstract (en)

[origin: WO2020064592A1] The invention relates to a light module for a vehicle, comprising a light source (21), a pixelated digital imaging system, and an optical input device (22) inserted, along the path of the rays coming from the source (21), between the source (21) and the pixelated digital imaging system, in order to transmit a transmitted portion of the rays coming from the source (21) to the pixelated digital imaging system, the light module further comprising a prism (26) that includes first, second and third faces (26a, 26b, 26c) and is configured to: - transmit, between the first and third faces (26a, 26c), rays of the transmitted portion towards the impact surface (24); - form reflected rays by reflecting rays returned by the impact surface (24), by total internal reflection on the first face (26a); and - return reflected rays via the second face (26b). A solid interface having a selected optical index is disposed between a pane associated with the imaging system and a face of the prism.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2020064592A1

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