

Title (en)

MOTOR VEHICLE LIGHTING DEVICE WITH AT LEAST ONE MICROPROJECTION LIGHT MODULE AND METHOD FOR ITS PRODUCTION

Title (de)

KRAFTFAHRZEUGBELEUCHTUNGSEINRICHTUNG MIT WENIGSTENS EINEM MIKROPROJEKTIONSLICHTMODUL UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

DISPOSITIF D'ÉCLAIRAGE DE VÉHICULE AUTOMOBILE POURVU D'AU MOINS UN MODULE LUMINEUX DE MICROPROJECTION ET SON PROCÉDÉ DE FABRICATION

Publication

**EP 3982037 B1 20240110 (DE)**

Application

**EP 21201366 A 20211007**

Priority

DE 102020126592 A 20201009

Abstract (en)

[origin: CN114321832A] The invention relates to a motor vehicle lighting device having at least one micro-projection light module having a light source, an auxiliary optical device and a micro-projection optical element having a plurality of micro-projectors arranged in rows and columns, each of the plurality of mini-projectors has a light incident surface, an aperture layer, and an exit lens surface. The motor vehicle lighting device is characterized in that the aperture layer is arranged directly on the light incident surface and is attached to the incident lens surface. One independent claim relates to a method for manufacturing such a motor vehicle lighting device.

IPC 8 full level

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CPC (source: EP)

**F21S 41/143** (2017.12); **F21S 41/265** (2017.12); **F21S 41/275** (2017.12); **F21S 41/47** (2017.12)

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