

Title (en)

ILLUMINATION DEVICE OF A MOTOR VEHICLE HEADLAMP

Title (de)

BELEUCHTUNGSVORRICHTUNG EINES KRAFTFAHRZEUGSCHEINWERFERS

Title (fr)

DISPOSITIF D'ÉCLAIRAGE D'UN PROJECTEUR DE VÉHICULE AUTOMOBILE

Publication

EP 3990825 A1 20220504 (DE)

Application

EP 20732174 A 20200608

Priority

- EP 19182837 A 20190627
- EP 2020065794 W 20200608

Abstract (en)

[origin: WO2020259994A1] The invention relates to an illumination device of a motor vehicle headlamp comprising a projection lens system (1) and a light source unit (2), wherein the light source unit comprises a surface (20), wherein the light source unit (2) can generate an image on the surface (20), wherein the image that can be generated on the surface (20) can be projected in front of the illumination device in the form of a light distribution by means of the projection lens system (1), wherein the light source unit (2) comprises a support structure (3), wherein the support structure (3) has an opening (30), wherein the opening (30) is arranged and designed to correspond with the surface (20) and the image can be generated at least on a side (201) of the surface (20) facing the projection lens system (1), wherein the projection lens system (1) has guide elements (10) and the support structure (3) has elongated guides (31) corresponding with the guide elements (10), wherein the guide elements (10) are arranged in the elongated guides (31) such that they can be guided along a longitudinal direction (X) of the elongated guides (31), wherein the projection lens system (1) rests on the support structure (3) and can be moved along the longitudinal direction (X).

IPC 8 full level

F21S 41/29 (2018.01); **F21S 41/265** (2018.01)

CPC (source: EP KR US)

F21S 41/265 (2018.01 - EP KR US); **F21S 41/295** (2018.01 - EP KR US); **F21S 43/145** (2018.01 - US); **F21S 41/675** (2018.01 - EP KR); **F21Y 2105/10** (2016.08 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3757450 A1 20201230; CN 114008381 A 20220201; CN 114008381 B 20240614; EP 3990825 A1 20220504; JP 2022538135 A 20220831; JP 7342155 B2 20230911; KR 20220002645 A 20220106; US 11732857 B2 20230822; US 2022221122 A1 20220714; WO 2020259994 A1 20201230

DOCDB simple family (application)

EP 19182837 A 20190627; CN 202080046401 A 20200608; EP 2020065794 W 20200608; EP 20732174 A 20200608; JP 2021576908 A 20200608; KR 20217039513 A 20200608; US 202017617435 A 20200608