

Title (en)

PROJECTION ASSEMBLY FOR A MOTOR VEHICLE HEADLIGHT

Title (de)

PROJEKTIONSVORRICHTUNG FÜR EINEN KRAFTFAHRZEUGSCHEINWERFER

Title (fr)

DISPOSITIF DE PROJECTION POUR PHARE DE VÉHICULE À MOTEUR

Publication

**EP 3942225 A1 20220126 (DE)**

Application

**EP 20707366 A 20200213**

Priority

- EP 19164605 A 20190322
- EP 2020053749 W 20200213

Abstract (en)

[origin: WO2020193002A1] The invention relates to a projection assembly (10) for a motor vehicle headlight, which projection assembly (10) comprises the following: - projection optics (50), - an aperture element (100), - a main body (200), wherein the aperture element (100) can be displaced on the main body (200) along a displacement direction (X) by means of guiding elements (110) on the main body (200), wherein the guiding elements (110) engage in counter guiding elements (210), and wherein the guiding elements (110) have an end stop (111) and the counter guiding elements (210) have a stop (211), which stops (211) are designed to restrict, in combination with the end stops (111), the displacement of the aperture element (100) in the displacement direction (X) to an end position, wherein the projection assembly (10) has at least one clamp assembly which has a first and a second clamp element (120a, 220a), wherein the first clamp element (120a) is designed to engage with the second clamp element (220a), and wherein the at least one clamp assembly is designed to clamp the aperture element (100) in the final position thereof on the main body (200).

IPC 8 full level

**F21S 41/47** (2018.01); **F21S 41/143** (2018.01); **F21S 41/255** (2018.01); **F21S 45/47** (2018.01)

CPC (source: EP KR US)

**F21S 41/143** (2018.01 - EP KR); **F21S 41/255** (2018.01 - EP KR US); **F21S 41/29** (2018.01 - US); **F21S 41/43** (2018.01 - US);  
**F21S 41/47** (2018.01 - EP KR US); **F21S 45/47** (2018.01 - EP KR); **F21S 45/47** (2018.01 - 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 3712490 A1 20200923**; CN 113544431 A 20211022; CN 113544431 B 20231117; EP 3942225 A1 20220126; EP 3942225 B1 20240110;  
JP 2022524550 A 20220506; JP 7241200 B2 20230316; KR 102608032 B1 20231130; KR 20210125078 A 20211015;  
US 11614213 B2 20230328; US 2022154904 A1 20220519; WO 2020193002 A1 20201001

DOCDB simple family (application)

**EP 19164605 A 20190322**; CN 202080022208 A 20200213; EP 2020053749 W 20200213; EP 20707366 A 20200213;  
JP 2021555014 A 20200213; KR 20217029346 A 20200213; US 202017435836 A 20200213