

Title (en)

OPTICAL UNIT HAVING A REFLECTOR INDEXED BY THE MASK

Title (de)

OPTISCHE EINHEIT MIT EINEM DURCH DIE MASKE INDEXIERTEN REFLEKTOR

Title (fr)

BLOC OPTIQUE À RÉFLECTEUR INDEXÉ PAR LE MASQUE

Publication

EP 3810986 A1 20210428 (FR)

Application

EP 19737166 A 20190522

Priority

- FR 1855425 A 20180620
- FR 2019051174 W 20190522

Abstract (en)

[origin: WO2019243682A1] An optical unit (BO) comprises a housing (BB), housing a reflector (RP) and a mask (M) involved in a photometric function, and a lens (GL) secured to a front part of the housing (BB). The mask (M) comprises a rear part having a stud (PI1) provided with a threaded hole that cooperates with a screw (V1) passing through a corresponding hole defined in a rear wall of the housing (BB), and indexing fins (A1) that are defined in a chosen direction. The reflector (RP) comprises a rear part (P21) that is interposed between this rear wall and the rear part of the mask (M) and is provided with an opening (O1) having a shape that is equivalent to that of the stud (PI1) and is passed through by an end part of the latter (PI1) such that the reflector (RP) is indexed in position with respect to the mask (M) in this chosen direction while immobilizing the latter with respect to this rear wall.

IPC 8 full level

F21V 17/10 (2006.01); **F21S 41/39** (2018.01); **F21S 41/55** (2018.01); **F21S 43/27** (2018.01)

CPC (source: EP)

F21S 41/39 (2017.12); **F21S 41/55** (2017.12); **F21V 17/10** (2013.01)

Citation (search report)

See references of WO 2019243682A1

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)

WO 2019243682 A1 20191226; AR 115582 A1 20210203; EP 3810986 A1 20210428; EP 3810986 B1 20230308; ES 2940697 T3 20230510; FR 3082919 A1 20191227; FR 3082919 B1 20200731

DOCDB simple family (application)

FR 2019051174 W 20190522; AR P190101695 A 20190619; EP 19737166 A 20190522; ES 19737166 T 20190522; FR 1855425 A 20180620