

Title (en)

LIGHTING MODULE FOR VEHICLE COMPRISING A REFERENCING BOSS HAVING A FLEXIBLE PORTION AND A RIGID PORTION

Title (de)

LICHTMODUL FÜR FAHRZEUG MIT EINEM REFERENZIERUNGSSTIFT MIT EINEM BIEGSAMEN TEIL UND EINEM STEIFEN TEIL

Title (fr)

MODULE LUMINEUX DE VEHICULE COMPRENANT UN PION DE REFERENCEMENT AVEC UNE PARTIE SOUPLE ET UNE PARTIE RIGIDE

Publication

EP 3857116 B1 20230412 (FR)

Application

EP 19766292 A 20190917

Priority

- FR 1858941 A 20180928
- EP 2019074908 W 20190917

Abstract (en)

[origin: WO2020064441A1] The present invention relates to a luminous module for a lighting and/or signalling device of a motor vehicle, comprising:
- at least one light source (21) mounted on a holder (20), - an optical unit intended to interact with the light source to form a light beam, - a referencing system comprising at least one referencing pin (30) inserted into a referencing orifice, the holder being provided with one among the referencing pin and the referencing orifice, and the optical unit being provided with the other among the referencing pin and the referencing orifice; the referencing pin comprising two portions that face each other, one of these portions, called the stiff portion (31), being stiffer than the other portion, called the supple portion (32).

IPC 8 full level

F21S 41/147 (2018.01); **F21S 41/265** (2018.01); **F21S 41/27** (2018.01); **F21S 41/29** (2018.01); **F21S 41/32** (2018.01); **F21S 41/40** (2018.01); **F21S 41/663** (2018.01); **F21V 17/16** (2006.01)

CPC (source: EP KR US)

F21S 41/147 (2017.12 - EP KR US); **F21S 41/265** (2017.12 - EP KR US); **F21S 41/27** (2017.12 - EP KR US); **F21S 41/295** (2017.12 - EP KR US); **F21S 41/322** (2017.12 - EP KR US); **F21S 41/40** (2017.12 - EP KR US); **F21S 41/663** (2017.12 - EP KR); **F21S 41/24** (2017.12 - US); **F21S 41/285** (2017.12 - US); **F21S 41/29** (2017.12 - US); **F21V 17/16** (2013.01 - US); **F21V 17/164** (2013.01 - 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

DOCDB simple family (publication)

WO 2020064441 A1 20200402; CN 112739949 A 20210430; CN 112739949 B 20231222; EP 3857116 A1 20210804; EP 3857116 B1 20230412; FR 3086734 A1 20200403; FR 3086734 B1 20220624; JP 2022501782 A 20220106; JP 7179168 B2 20221128; KR 102558818 B1 20230721; KR 20210064297 A 20210602; US 11668446 B2 20230606; US 2022034467 A1 20220203

DOCDB simple family (application)

EP 2019074908 W 20190917; CN 201980062429 A 20190917; EP 19766292 A 20190917; FR 1858941 A 20180928; JP 2021517380 A 20190917; KR 20217011935 A 20190917; US 201917276880 A 20190917