

Title (en)

Primary optical element, lighting module and headlight for motor vehicle

Title (de)

Optisches Hauptelement, Beleuchtungsmodul und Scheinwerfer für Kraftfahrzeug

Title (fr)

Élément optique primaire, module lumineux et projecteur pour véhicule automobile

Publication

**EP 2871406 B1 20180530 (FR)**

Application

**EP 14191981 A 20141106**

Priority

FR 1360920 A 20131107

Abstract (en)

[origin: US2015131305A1] A primary optical element for a motor vehicle lighting module, comprising a single monoblock input member and a corrective part, the input member having at least one input face intended to receive light, the input member being connected at output to the corrective part. The corrective part comprises a light output face, at least partly in the shape of a substantially spherical dome, the input member and the corrective part forming a monoblock structure, wherein a vertical profile of the input face of the input member has a convex first part and a second part that is planar or concave.

IPC 8 full level

**F21V 5/04** (2006.01)

CPC (source: EP US)

**F21S 41/143** (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/25** (2017.12 - EP US); **F21S 41/285** (2017.12 - EP US); **F21S 41/322** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US)

Cited by

FR3051538A1; CN107101150A; EP3517827A1; EP3128225A1; FR3039884A1; EP3301348A1; FR3056693A1; EP3147557A1; FR3041738A1; EP3301349A1; FR3056692A1; US10724700B2; WO2019076550A1; US10228108B2; US10480742B2; EP3421875A1; FR3068435A1; EP3301347A1; FR3056694A1; EP3636990A1; US10823357B2; US10337684B2; EP3861245B1

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DOCDB simple family (publication)

**EP 2871406 A1 20150513**; **EP 2871406 B1 20180530**; EP 3372893 A1 20180912; FR 3012867 A1 20150508; US 2015131305 A1 20150514

DOCDB simple family (application)

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