

Title (en)

Optical module for an elliptical headlight device adapted to a given volume for an automobile vehicle

Title (de)

Optisches Modul für ellipsenförmige Scheinwerfervorrichtung, das an ein gegebenes Volumen für Kraftfahrzeuge angepasst ist

Title (fr)

Module optique pour dispositif projecteur elliptique adapté à un volume donné pour véhicule automobile

Publication

**EP 1988330 B1 20111130 (FR)**

Application

**EP 08155325 A 20080429**

Priority

FR 0703267 A 20070504

Abstract (en)

[origin: EP1988330A1] The module (400) has a reflector comprising an internal surface formed by joining portions (207, 208) of respective ellipsoid molds, where the molds include respective main focal points (F11, F12, F21, F22). The focal point (F12) is engaged with the focal point (F21). The portion (208) reflects a part of light rays (S1-S3) emitted by a light source e.g. LED, and reflected by the portion (207) towards a projector lens (206). The light source is oriented in a direction opposite to an emission direction of a headlight device.

IPC 8 full level

**F21V 7/08** (2006.01); **F21S 8/10** (2006.01); **F21W 101/10** (2006.01); **F21W 107/10** (2018.01)

CPC (source: EP US)

**F21S 41/162** (2017.12 - EP US); **F21S 41/255** (2017.12 - EP US); **F21S 41/321** (2017.12 - EP US); **F21S 41/338** (2017.12 - EP US); **F21S 41/365** (2017.12 - EP US); **F21V 7/08** (2013.01 - EP US); **F21W 2102/00** (2017.12 - US)

Cited by

CN110073141A; US11137126B2

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DOCDB simple family (publication)

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