

Title (en)

Cut-off lighting module with parabolic reflector placed over an elliptical reflector

Title (de)

Beleuchtungsmodul mit Abschaltfunktion mit einem Parabolreflektor, der auf einem elliptischen Reflektor angebracht ist

Title (fr)

Module d'éclairage à coupure avec réflecteur parabolique disposé sur un réflecteur elliptique

Publication

**EP 2416061 A3 20120808 (FR)**

Application

**EP 11175169 A 20110725**

Priority

FR 1056433 A 20100804

Abstract (en)

[origin: EP2416061A2] The module (102) has a parabolic reflector (114) oriented such that a reflecting surface of the parabolic reflector and a reflecting surface of an elliptical reflector (104) are oriented in a same direction with respect to emission direction of light rays from a light source (106) such as LED type light source. A flat or curved reflector (118) has a reflecting surface passing via a focal point (112) of the elliptical reflector and oriented to reflect the light rays, emitted by the light source and reflected by the elliptical reflector, toward the parabolic reflector. An independent claim is also included for a lighting device comprising LED type light sources.

IPC 8 full level

**F21S 8/12** (2006.01); **F21V 7/00** (2006.01); **F21W 101/10** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

**F21S 41/148** (2017.12 - EP US); **F21S 41/321** (2017.12 - EP); **F21S 41/365** (2017.12 - EP US); **F21S 41/43** (2017.12 - EP US)

Citation (search report)

- [X] EP 1843085 A1 20071010 - VALEO VISION [FR]
- [X] FR 2678353 A1 19921231 - VALEO VISION [FR]
- [A] EP 2009346 A1 20081231 - VALEO VISION [FR]

Cited by

CN109519865A; CN108240603A; EP4206524A4; WO2022130595A1

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 2416061 A2 20120208**; **EP 2416061 A3 20120808**; FR 2966221 A1 20120420; FR 2966221 B1 20150918

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