

Title (en)

Interior Light with a refractive element

Title (de)

Innenraumleuchte mit einem Entblendungskörper

Title (fr)

Lampe d'éclairage intérieur avec un élément réfractif

Publication

**EP 1496308 B1 20110824 (DE)**

Application

**EP 04016373 A 20040712**

Priority

- DE 10331259 A 20030710
- DE 10353644 A 20031117

Abstract (en)

[origin: EP1496308A2] The device has a light source (1) and an associated reflector (3) with a light outlet opening for a direct light component. The source is enclosed on both sides by a light deflecting device, especially a light deflecting body, extending between the light source and reflector with one side in the direct light radiation direction relative to the source. The device is transparent at least on a side facing the reflector with a light diffracting structure on this side that influences the path of the light from the source incident on the reflector.

IPC 8 full level

**F21V 13/04** (2006.01); **F21S 8/00** (2006.01); **F21V 5/02** (2006.01); **F21V 7/00** (2006.01); **F21V 23/02** (2006.01)

CPC (source: EP US)

**F21V 5/02** (2013.01 - EP US); **F21V 7/0016** (2013.01 - EP US); **F21V 13/04** (2013.01 - EP); **F21V 7/0025** (2013.01 - EP); **F21V 23/026** (2013.01 - EP); **F21W 2131/40** (2013.01 - EP); **F21Y 2103/00** (2013.01 - EP US)

Cited by

CN103119355A; DE102006047689B4; DE202013101792U1; EP2354643A3; DE202013103270U1; DE102012209347A1; DE102012209347B4; EP2748523A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1496308 A2 20050112; EP 1496308 A3 20071024; EP 1496308 B1 20110824**

DOCDB simple family (application)

**EP 04016373 A 20040712**