

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 A3 20071024 (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)

Citation (search report)
• [PX] EP 1359371 A1 20031105 - ZUMTOBEL STAFF GMBH [AT]
• [X] EP 0372272 A1 19900613 - TRILUX LENZE GMBH & CO KG [DE]
• [X] DE 4039290 A1 19920611 - MINNESOTA MINING & MFG [US]
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CN103119355A; EP2354643A3; DE202013101792U1; DE102006047689B4; DE102012209347A1; DE102012209347B4; DE202013103270U1

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

Designated extension state (EPC)
AL HR LT LV MK

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

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EP 04016373 A 20040712