

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 7/00** (2006.01); **F21V 13/04** (2006.01); **F21S 8/00** (2006.01); **F21V 5/02** (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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• [A] WO 0159364 A1 20010816 - ZUMTOBEL STAFF GMBH [AT], et al

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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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