

Title (en)  
Lighting device with hollow light guide

Title (de)  
Leuchte mit Hohllichtleiter

Title (fr)  
Luminaire avec guide de lumière creux

Publication  
**EP 1679470 A3 20081203 (DE)**

Application  
**EP 05028277 A 20051223**

Priority  
DE 102005001121 A 20050110

Abstract (en)  
[origin: EP1679470A2] A light for room illumination has a space (5) with one or more partly reflecting walls (11), and the first wall (9) is partly transparent and has a light-decoupling zone. A linear light-refracting structure is provided on the first wall (11) and extends parallel to the light-source and has a tapering cross-section in a plane normal to the line defining it. The sides of the cross-section approximately lie in one region from 100 deg. to 130 deg. while the second wall (7) of the light transparent zone has a structure of linearly shaped light refracting elements extending parallel to the light source, and possess a tapering shape in the cross-section in one plane normal to the defining line.

IPC 8 full level  
**F21S 8/04** (2006.01); **F21S 8/06** (2006.01); **F21V 5/00** (2006.01); **F21Y 103/00** (2006.01)

CPC (source: EP US)  
**F21S 8/04** (2013.01 - EP); **F21S 8/06** (2013.01 - EP); **F21V 5/00** (2013.01 - EP US); **F21V 5/02** (2013.01 - EP US); **F21V 7/0016** (2013.01 - EP); **F21V 13/04** (2013.01 - EP); **F21V 5/008** (2013.01 - EP US); **F21V 7/0033** (2013.01 - EP); **F21Y 2103/00** (2013.01 - EP US)

Citation (search report)  
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• [A] GB 491257 A 19380830 - BRITISH THOMSON HOUSTON CO LTD, et al  
• [A] EP 1059484 A1 20001213 - SITECO BELEUCHTUNGSTECH GMBH [DE]  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1679470 A2 20060712**; **EP 1679470 A3 20081203**; **EP 1679470 B1 20110309**; AT E501396 T1 20110315; DE 502005011073 D1 20110421; EP 2333402 A1 20110615; EP 2333402 B1 20131106

DOCDB simple family (application)  
**EP 05028277 A 20051223**; AT 05028277 T 20051223; DE 502005011073 T 20051223; EP 11156581 A 20051223