

Title (en)
Lighting device with hollow light guide

Title (de)
Leuchte mit Hohllichtleiter

Title (fr)
Luminaire avec guide de lumière creux

Publication
EP 1679470 B1 20110309 (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)

Cited by
EP2711614A3; DE102012213286A1; DE102012213286B4; US11852333B1; DE102011012653A1; DE102011012653B4; DE202008014867U1

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

DOCDB simple family (publication)
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