

Title (en)  
Lamp for illumination of surfaces of a building

Title (de)  
Leuchte zur Ausleuchtung von Gebäudeflächen

Title (fr)  
Lampe pour éclairer des surfaces d'un bâtiment

Publication  
**EP 2019254 A2 20090128 (DE)**

Application  
**EP 08013157 A 20080722**

Priority  
DE 102007035528 A 20070726

Abstract (en)  
The light (10) for illuminating buildings or outside areas (SE) comprises a curved reflector (21) with facet-like segments (14a-14n) on the inner side (30), wherein radial undercuts with regard to the longitudinal center axis are associated with at least some of the segments. The segments have a reflecting surface of cylindrical, spherical or aspherical basic shape. A number of segments are arranged between an apex region (S) and a free end region (R) of the reflector. Independent claims are included for the following: (1) a method for producing a reflector element from a source material workpiece, especially of aluminum; and (2) a tool for producing a reflector element by metal forming.

Abstract (de)  
Beschrieben und dargestellt ist eine Leuchte (10). Die Besonderheit besteht u. a. darin, dass auf der Innenseite (30) eines schalenförmig gewölbten Reflektors (21) facettenartige, hinterschnittende Segmente (14a, 14b, 14c, 14d, 14e, 14f, 14g, 14h, 14i, 14j, 14k, 14l, 14m, 14n) angeordnet sind.

IPC 8 full level  
**F21S 8/02** (2006.01); **F21V 7/00** (2006.01); **F21V 7/09** (2006.01)

CPC (source: EP KR)  
**F21S 8/02** (2013.01 - EP); **F21V 7/04** (2013.01 - EP KR); **F21V 7/048** (2013.01 - EP); **F21V 7/06** (2013.01 - EP); **F21V 7/09** (2013.01 - EP); **F21V 7/24** (2018.01 - EP); **F21W 2131/107** (2013.01 - EP); **F21W 2131/304** (2013.01 - EP)

Citation (applicant)  
• DE 102004042915 A1 20060323 - ERCO LEUCHTEN [DE]  
• DE 19910192 A1 20000921 - SCHOTT AUER GMBH [DE]

Citation (examination)  
US 1737027 A 19291126 - SCHOONMAKER WILLIAM H

Cited by  
US2016047530A1; EP2428727A1; EP2535639A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 08013157 A 20080722**; AU 2008203146 A 20080715; CN 200810176932 A 20080725; DE 102007035528 A 20070726; KR 20080072782 A 20080725; SG 2008054306 A 20080722