

Title (en)

LUMINAIRE FOR GENERATING DIRECT LIGHTING AND INDIRECT LIGHTING

Title (de)

LEUCHTE ZUR ERZEUGUNG EINER DIREKTBELEUCHTUNG UND EINER INDIREKT-BELEUCHTUNG

Title (fr)

LAMPE PERMETTANT DE PRODUIRE UN ÉCLAIRAGE DIRECT ET UN ÉCLAIRAGE INDIRECT

Publication

**EP 2989379 A1 20160302 (DE)**

Application

**EP 14718087 A 20140416**

Priority

- DE 202013101772 U 20130424
- EP 2014057778 W 20140416

Abstract (en)

[origin: WO2014173769A1] A luminaire for generating direct lighting (D) and indirect lighting (I) comprises an LED light source (2) for generating light and a light guide plate (3) having a first main surface (31) and a second main surface (32), which is connected to the first main surface (31) marginally via a narrow side face (33), wherein the LED light source (2) is arranged in such a way that the light is radiated into the light guide plate (3) via the narrow side face (33) and subsequently one part of said light is emitted for generating the direct lighting (D) via the first large main surface (31). Furthermore, a reflector (5) is provided, which is arranged adjacent to the second main surface (32), wherein the reflector (5) has at least one light-transmissive region (51) configured in such a way that a further part of the light is emitted for generating the indirect lighting (I) via the second main surface (32) through the light-transmissive region (51).

IPC 8 full level

**F21V 8/00** (2006.01)

CPC (source: EP US)

**F21V 7/0016** (2013.01 - EP US); **G02B 6/0038** (2013.01 - US); **G02B 6/0055** (2013.01 - EP US); **G02B 6/0063** (2013.01 - EP US); **G02B 6/0036** (2013.01 - EP US); **G02B 6/0058** (2013.01 - EP US)

Citation (search report)

See references of WO 2014173769A1

Citation (examination)

- DE 102009001170 A1 20100902 - EVONIK ROEHM GMBH [DE]
- JP 2004302443 A 20041028 - HITACHI DISPLAYS LTD, et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

**DE 202013101772 U 20130424**; CN 201480021386 A 20140416; EP 14718087 A 20140416; EP 2014057778 W 20140416; US 201414783856 A 20140416