

Title (en)

LIGHT WITH PYRAMID-SHAPED OR CONICAL COVER

Title (de)

LEUCHTE MIT PYRAMIDENFÖRMIGER ODER KEGELFÖRMIGER ABDECKUNG

Title (fr)

APPAREIL D'ÉCLAIRAGE MUNI D'UN ÉLÉMENT DE RECOUVREMENT PYRAMIDAL OU CONIQUE

Publication

EP 3408584 A1 20181205 (DE)

Application

EP 17703055 A 20170125

Priority

- DE 102016101345 A 20160126
- EP 2017051557 W 20170125

Abstract (en)

[origin: WO2017129623A1] The invention relates to a light which has a light source in the form of at least one LED and a reflector, wherein the reflector defines, by means of a circumferential edge of the reflector, a light exit opening on a side lying opposite the light source, wherein arranged in the light exit opening is a planar translucent cover which has, distributed over the cover, microstructures which direct and/or scatter light, and wherein the planar translucent cover extends inwards in the direction of the light source, relative to an imaginary plane which is defined by the circumferential edge of the reflector.

IPC 8 full level

F21V 3/02 (2006.01); **F21V 3/04** (2018.01); **F21V 5/00** (2018.01); **F21V 7/00** (2006.01); **F21V 13/04** (2006.01)

CPC (source: EP US)

F21V 3/02 (2013.01 - EP US); **F21V 3/049** (2013.01 - EP US); **F21V 5/004** (2013.01 - EP US); **F21V 5/02** (2013.01 - US); **F21V 7/0025** (2013.01 - US); **F21V 7/0091** (2013.01 - EP US); **F21V 13/04** (2013.01 - EP US); **F21W 2131/301** (2013.01 - EP US); **F21Y 2105/12** (2016.07 - US); **F21Y 2105/16** (2016.07 - EP US); **F21Y 2105/18** (2016.07 - EP US); **F21Y 2113/13** (2016.07 - US); **F21Y 2115/10** (2016.07 - EP US); **F21Y 2115/15** (2016.07 - EP US)

Citation (search report)

See references of WO 2017129623A1

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

DOCDB simple family (publication)

DE 102016101345 A1 20170727; EP 3408584 A1 20181205; EP 3408584 B1 20220406; RS 63153 B1 20220531; US 10808911 B2 20201020; US 2019032885 A1 20190131; WO 2017129623 A1 20170803

DOCDB simple family (application)

DE 102016101345 A 20160126; EP 17703055 A 20170125; EP 2017051557 W 20170125; RS P20220394 A 20170125; US 201716072888 A 20170125