

Title (en)

ARRANGEMENT FOR EMITTING LIGHT WITH LIGHT-GUIDING ELEMENT AND REFLECTOR

Title (de)

ANORDNUNG ZUR LICHTABGABE MIT LICHTLENKELEMENT UND REFLEKTOR

Title (fr)

AGENCEMENT POUR ÉMISSION DE LUMIÈRE COMPORTANT UN ÉLÉMENT DE GUIDAGE LUMINEUX ET UN RÉFLECTEUR

Publication

EP 2603732 A1 20130619 (DE)

Application

EP 11757786 A 20110811

Priority

- DE 102010039306 A 20100813
- EP 2011063837 W 20110811

Abstract (en)

[origin: WO2012020082A1] An arrangement (1) for emitting light has at least one substantially punctiform light source (5), a light-guiding element (10), arranged in front of the light source (5) in the emission direction, made of a transparent material and a reflector (5) surrounding the light-guiding element (10). The light-guiding element (10) has a substantially cylindrical design, with one end face of the cylinder forming a light-entry surface (11), the side of the cylinder lying opposite the light-entry surface being at least partly angled with respect to a longitudinal axis (I) of the cylinder such that it is permeable to part of the light and reflective to another part of the light, and the lateral face (18) of the cylinder being provided with structures (19) for coupling light out.

IPC 8 full level

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

CPC (source: EP US)

F21V 5/005 (2013.01 - EP US); **F21V 5/04** (2013.01 - EP US); **F21V 7/0091** (2013.01 - EP); **F21V 13/04** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

See references of WO 2012020082A1

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

DOCDB simple family (publication)

DE 102010039306 A1 20120216; CN 102985751 A 20130320; EP 2603732 A1 20130619; EP 2603732 B1 20170607; WO 2012020082 A1 20120216

DOCDB simple family (application)

DE 102010039306 A 20100813; CN 201180033528 A 20110811; EP 11757786 A 20110811; EP 2011063837 W 20110811