

Title (en)

ASYMMETRICAL REFLECTOR ELEMENT FOR REFLECTING LIGHT EMITTED BY ONE LED UNIT, REFLECTOR COMPRISING AT LEAST ONE REFLECTOR ELEMENT, AND LIGHTING UNIT

Title (de)

ASYMMETRISCHES REFLEKTORELEMENT ZUR REFLEXION VON EMITTIERTEM LICHT AUS EINER LED-EINHEIT, REFLEKTOR MIT MINDESTENS EINEM REFLEKTORELEMENT UND BELEUCHTUNGSEINHEIT

Title (fr)

ÉLÉMENT DE RÉFLEXION ASYMÉTRIQUE DESTINÉ À RÉFLÉCHIR LA LUMIÈRE ÉMISE PAR UN MODULE DEL, RÉFLECTEUR COMPRENANT AU MOINS UN ÉLÉMENT RÉFLECTEUR ET DISPOSITIF D'ÉCLAIRAGE

Publication

EP 2486323 A1 20120815 (EN)

Application

EP 10768684 A 20101005

Priority

- EP 09172574 A 20091008
- US 24976109 P 20091008
- EP 2010006074 W 20101005
- EP 10768684 A 20101005

Abstract (en)

[origin: EP2309175A1] The invention relates to an asymmetrical reflector element for reflecting light emitted by one LED unit in order to illuminate a predetermined illumination area comprising - a first opening at a first end of the reflector element, defining a light inlet area and a second opening at the opposite second side thereof; and - a lateral area for reflecting the light emitted by the LED unit, said lateral area extending from the first end to the opposite second end; wherein - the lateral area is formed such that a line extending from at least one position of the inlet area in a right angle towards the second opening crosses the lateral area.

IPC 8 full level

F21V 7/04 (2006.01)

CPC (source: EP US)

F21V 7/0008 (2013.01 - EP); **F21V 7/04** (2013.01 - EP US); **F21V 7/09** (2013.01 - EP); **F21Y 2105/00** (2013.01 - EP US); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US); **F21Y 2115/15** (2016.07 - EP US)

Citation (search report)

See references of WO 2011042157A1

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)

EP 2309175 A1 20110413; EP 2486323 A1 20120815; WO 2011042157 A1 20110414

DOCDB simple family (application)

EP 09172574 A 20091008; EP 10768684 A 20101005; EP 2010006074 W 20101005