

Title (en)
Light module

Title (de)
Lichtmodul

Title (fr)
Module d'éclairage

Publication
EP 2719940 A3 20160420 (DE)

Application
EP 13184394 A 20130913

Priority
DE 102012218684 A 20121012

Abstract (en)
[origin: EP2719940A2] The light module has a semiconductor light source (12) for emitting light, a primary optic element (16) for concentrating the light radiated from the semiconductor light sources within sections perpendicular to a sagittal plane of the light module. The primary optic element has a disk-like light guiding section (14) extending perpendicular to sagittal plane (22). Each light guiding section has a light coupling surface (38) and a light decoupling surface (40). A common secondary optic element (18) is provided downstream the primary optic element in the beam path. The secondary optic element is formed such that light passing through the light decoupling surface is concentrated within sections parallel to the sagittal plane.

IPC 8 full level
F21S 8/10 (2006.01); **F21W 107/10** (2018.01)

CPC (source: EP US)
F21S 41/147 (2017.12 - EP US); **F21S 41/20** (2017.12 - US); **F21S 41/24** (2017.12 - EP US); **F21S 41/26** (2017.12 - EP US); **F21S 41/27** (2017.12 - EP US); **F21S 41/275** (2017.12 - EP US); **F21S 41/321** (2017.12 - EP US); **F21S 41/322** (2017.12 - EP US); **F21S 41/323** (2017.12 - EP US); **F21S 41/365** (2017.12 - EP US); **F21S 41/60** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US); **F21S 45/47** (2017.12 - EP US)

Citation (search report)

- [ID] US 2009091944 A1 20090409 - DE LAMBERTERIE ANTOINE [FR]
- [I] DE 202011103703 U1 20111205 - AUTOMOTIVE LIGHTING REUTLINGEN [DE]
- [I] EP 1903274 A1 20080326 - SCHEFENACKER VISION SYSTEMS [DE]
- [I] US 2009073710 A1 20090319 - SORMANI JOSEPH LUDOVICUS ANTON [NL], et al
- [A] DE 602005006360 T2 20090618 - OSRAM SYLVANIA INC [US]
- [A] DE 102005019093 A1 20061005 - FER FAHRZEUGELEKTRIK GMBH [DE]

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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)
EP 2719940 A2 20140416; EP 2719940 A3 20160420; EP 2719940 B1 20170614; CN 103727474 A 20140416; CN 103727474 B 20170912; DE 102012218684 A1 20140417; DE 102012218684 B4 20160331; DE 102012218684 B9 20160525; US 2014104864 A1 20140417; US 9599301 B2 20170321

DOCDB simple family (application)
EP 13184394 A 20130913; CN 201310474407 A 20131012; DE 102012218684 A 20121012; US 201314049718 A 20131009