

Title (en)  
Light module

Title (de)  
Lichtmodul

Title (fr)  
Module d'éclairage

Publication  
**EP 2719940 B1 20170614 (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 - EP 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)

Cited by  
EP3159600A1; FR3042846A1; EP3159599A1; FR3042845A1; EP3093557A1; FR3036162A1; EP3128226A1; FR3039883A1; EP3492955A1;  
EP3527876A1; CN111712670A; US10309603B2; US9939120B2; WO2019158348A1; US10139646B2; US10345612B2

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 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