

Title (en)  
Light module

Title (de)  
Lichtmodul

Title (fr)  
Module d'éclairage

Publication  
**EP 2682671 A3 20151125 (DE)**

Application  
**EP 13172225 A 20130617**

Priority  
DE 102012211613 A 20120704

Abstract (en)  
[origin: EP2682671A2] The module (10) has a secondary optics device (30) projecting source light segments in a light beam distribution unit such that the distribution unit includes light beam segments that are attached to the source light segments. Two primary optics devices (18, 22) are designed as optical imaging devices such that LEDs are reproduced as a real intermediate image on an intermediate image surface. The secondary optics device is arranged such that the intermediate images of source light segment-emitting LEDs are projected as the assigned light beam segments of the distribution unit.

IPC 8 full level  
**F21S 8/10** (2006.01); **F21V 5/00** (2015.01)

CPC (source: EP US)  
**F21S 41/143** (2017.12 - EP US); **F21S 41/147** (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/153** (2017.12 - EP US); **F21S 41/255** (2017.12 - EP US); **F21S 41/26** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US); **F21V 5/08** (2013.01 - EP US)

Citation (search report)

- [X] DE 102008036194 A1 20100204 - AUTOMOTIVE LIGHTING REUTLINGEN [DE]
- [X] DE 202007018181 U1 20080508 - AUTOMOTIVE LIGHTING REUTLINGEN [DE]
- [X] WO 2011154470 A1 20111215 - AUTOMOTIVE LIGHTING REUTLINGEN [DE], et al
- [X] US 2011169410 A1 20110714 - DASSANAYAKE MAHENDRA SOMASARA [US], et al
- [X] DE 102008003006 A1 20090709 - AUTOMOTIVE LIGHTING REUTLINGEN [DE]
- [A] EP 2169295 A1 20100331 - VALEO VISION [FR]
- [A] EP 2431658 A2 20120321 - AUTOMOTIVE LIGHTING REUTLINGEN [DE]
- [A] DE 102007008994 A1 20070920 - KOITO MFG CO LTD [JP]

Cited by  
EP3412958A1; CN110674718A; EP3040602A4; EP3974712A1; CN112303587A; FR3141749A1; EP3543593A1; EP3913280A1; DE102014203335A1; EP2910847A3; FR3038694A1; EP3604903A1; JP2021532558A; US11168861B2; US9759399B2; US9611996B2; EP3299700A1; FR3056683A1; EP3872397A1; WO2020025740A1; WO2022063460A1; WO2024094529A1; WO2019214977A1; WO2021233620A1; EP3208530A1

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 2682671 A2 20140108; EP 2682671 A3 20151125; EP 2682671 B1 20190918**; CN 103528006 A 20140122; CN 103528006 B 20170728; DE 102012211613 A1 20140109; JP 2014013758 A 20140123; US 2014009938 A1 20140109

DOCDB simple family (application)  
**EP 13172225 A 20130617**; CN 201310276373 A 20130703; DE 102012211613 A 20120704; JP 2013139495 A 20130703; US 201313935168 A 20130703