

Title (en)
LED MODULE FOR EMITTING WHITE LIGHT ('PIZZA ARRANGEMENT')

Title (de)
LED-MODUL ZUR ABGABE VON WEISSLICHT ('PIZZAANORDNUNG')

Title (fr)
MODULE LED POUR ÉMISSION DE LUMIÈRE BLANCHE (DITE « DISPOSITION PIZZA »)

Publication
EP 2994689 B1 20190109 (DE)

Application
EP 14720948 A 20140425

Priority
• DE 102013207706 A 20130426
• EP 2014058471 W 20140425

Abstract (en)
[origin: WO2014174083A1] The present invention relates to an LED module (1) that is suitable for emitting mixed light, preferably white light. The LED module (1) has a light-emitting light field (2) that is divided into a plurality of regions for emitting different light spectra. The regions of the light field (2) are planar sectors (3a, 3b, 3c) according to the invention. The LED module (1) is produced by a method in which, for creating the light field (2), first barriers (5) are formed which separate sectors (3a, 3b, 3c) of the light field (2) from each other, and then a transparent casting compound or a casting compound containing a luminescent substance is filled between the barriers (5) of each sector (3a, 3b, 3c). The present invention thereby provides a lighting device that has at least one LED module (1) and preferably one reflector placed on the LED module (1).

IPC 8 full level
F21K 9/00 (2016.01); **F21K 9/64** (2016.01); **F21V 9/30** (2018.01); **F21Y 105/10** (2016.01); **F21Y 105/12** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
F21K 9/00 (2013.01 - EP US); **F21K 9/64** (2016.07 - EP US); **F21V 9/08** (2013.01 - EP US); **F21V 9/32** (2018.01 - EP US);
F21V 13/14 (2013.01 - EP US); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2105/12** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (examination)
• WO 2012165007 A1 20121206 - SHARP KK [JP], et al
• US 2011278605 A1 20111117 - AGATANI MAKOTO [JP], et al
• US 2011116252 A1 20110519 - AGATANI MAKOTO [JP], et al

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 102013207706 A1 20141030; EP 2994689 A1 20160316; EP 2994689 B1 20190109; WO 2014174083 A1 20141030

DOCDB simple family (application)
DE 102013207706 A 20130426; EP 14720948 A 20140425; EP 2014058471 W 20140425