

Title (en)
LIGHTING DEVICE

Title (de)
BELEUCHTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ÉCLAIRAGE

Publication
EP 2501987 B1 20180829 (DE)

Application
EP 11701835 A 20110203

Priority
• DE 102010002228 A 20100223
• EP 2011051607 W 20110203

Abstract (en)
[origin: WO2011104099A1] The invention relates to a lighting device (1) comprising at least one device (7) for controlling the current, at least two arrangements (S1, S2, S3, S4) of at least one monochromatic light source (L) in each case, preferably at least one light-emitting diode (L), wherein the light sources (L) in both arrangements have approximately the same colour of light, preferably white. At least one respective light source (L11) in an arrangement (S1) of light sources (L) is thermally operatively connected, in particular thermally coupled, to at least one light source (L21) in at least one further arrangement (S2).

IPC 8 full level
F21V 29/00 (2015.01); **F21K 9/27** (2016.01); **F21K 99/00** (2016.01); **F21V 23/00** (2015.01); **F21V 29/70** (2015.01); **F21Y 103/00** (2016.01); **F21Y 103/10** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP KR US)
F21K 9/27 (2016.07 - EP KR US); **F21V 23/005** (2013.01 - EP KR US); **F21V 29/70** (2015.01 - US); **F21V 29/74** (2015.01 - EP KR US); **F21Y 2103/10** (2016.07 - EP KR US); **F21Y 2115/10** (2016.07 - EP KR US)

Citation (examination)
• EP 2065632 A1 20090603 - LIGHTOLOGY LLC [US]
• DE 202008017219 U1 20090416 - PYROSWIFT HOLDING CO LTD [HK]
• US 2007223225 A1 20070927 - EIICH SUGI [JP], et al
• US 2005207165 A1 20050922 - SHIMIZU MASANORI [JP], et al
• GB 2401672 A 20041117 - LUMISPHERE PRODUCTS LTD [GB]

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 102010002228 A1 20110825; CN 102762913 A 20121031; EP 2501987 A1 20120926; EP 2501987 B1 20180829; KR 20120134129 A 20121211; US 2013058079 A1 20130307; WO 2011104099 A1 20110901

DOCDB simple family (application)
DE 102010002228 A 20100223; CN 201180010727 A 20110203; EP 11701835 A 20110203; EP 2011051607 W 20110203; KR 20127024784 A 20110203; US 201113580382 A 20110203