

Title (en)
LED LIGHTING DEVICE

Title (de)
LED-BELEUCHTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ÉCLAIRAGE À DIODES ÉLECTROLUMINESCENTES

Publication
EP 3006815 A4 20160420 (EN)

Application
EP 14804361 A 20140506

Priority
• RU 2013125254 A 20130531
• RU 2014000325 W 20140506

Abstract (en)
[origin: EP3006815A1] The present LED lighting device relates to the field of lighting technology and is intended for LED lighting equipment in indoor and outdoor lighting that can be easily adapted to different purposes. The technical result of the claimed invention is a standardized design for the housing of the modules of a light fitting, the possibility of modifying the lighting device when in service, an increase in the manufacturability of the design, and a decrease in production costs. The LED lighting device comprises two or more LED modules having a connecting member disposed therebetween. The housing of each of the modules is provided with a link of a one-degree of freedom sliding pair, the second link of which is situated on the connecting member. In order that modules can be connected to each other at an angle, a connecting member is configured in such a way that planes tangent to points on the outside surface of the connecting member form a dihedral angle A, the size of which is selected from the expression given in the description.

IPC 8 full level
F21S 2/00 (2016.01); **F21V 19/00** (2006.01); **F21V 21/30** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
F21S 2/005 (2013.01 - EP); **F21V 19/0045** (2013.01 - EP); **F21V 21/30** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
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• [X] US 2009190350 A1 20090730 - TSENG CHIN-FENG [TW], et al
• [XI] US 2011002120 A1 20110106 - SONG GUANG [CN], et al
• [X] WO 2010143147 A1 20101216 - SPAGNOLO S R L [IT], et al
• [X] US 2009237936 A1 20090924 - KU CHIN-LONG [TW]
• See references of WO 2014193265A1

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EP3754249A4

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 3006815 A1 20160413; **EP 3006815 A4 20160420**; CN 105247272 A 20160113; EA 201500625 A1 20150930; RU 2528175 C1 20140910; WO 2014193265 A1 20141204

DOCDB simple family (application)
EP 14804361 A 20140506; CN 201480031327 A 20140506; EA 201500625 A 20140506; RU 2013125254 A 20130531; RU 2014000325 W 20140506