

Title (en)

Quick connection system for LED lighting devices

Title (de)

Schnellverbindungs Vorrichtung für Beleuchtungs Vorrichtung mit LEDs

Title (fr)

Dispositif d'assemblage rapide pour appareil d'éclairage à LEDs

Publication

**EP 2871404 A1 20150513 (EN)**

Application

**EP 14192257 A 20141107**

Priority

IT MI20131855 A 20131108

Abstract (en)

A quick connection system for lighting devices (10), especially suitable for the assembly of modular lighting devices with LED (Light Emitting Diode) light source suitable for being connected to a control block or body containing the electrical and electronic components necessary for the lighting device operation and comprising one or more modules (14) provided with LED light sources and means suitable for forming, via a single joining component, a simultaneous mechanical, electrical and electronic connection between a module (14) and the control block and between single modules.

IPC 8 full level

**F21S 8/08** (2006.01); **F21V 23/06** (2006.01); **F21W 131/103** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

**F21S 8/086** (2013.01 - EP US); **F21V 23/06** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)

- KR 101004260 B1 20110103 - HONG SEONG CHEON [KR], et al
- US 2012063138 A1 20120315 - LEADFORD KEVIN FRANKLIN [US], et al
- EP 2444716 A2 20120425 - FEELUX CO LTD [KR]
- WO 2012052440 A2 20120426 - VOSSLOH SCHWABE GMBH [DE], et al

Citation (search report)

- [I] KR 101004260 B1 20110103 - HONG SEONG CHEON [KR], et al
- [I] US 2012063138 A1 20120315 - LEADFORD KEVIN FRANKLIN [US], et al
- [I] EP 2444716 A2 20120425 - FEELUX CO LTD [KR]
- [I] WO 2012052440 A2 20120426 - VOSSLOH SCHWABE GMBH [DE], et al
- [I] WO 2013096006 A1 20130627 - LAROSE IND LLC [US]
- [I] DE 102011012132 B3 20120628 - SCHMALENBERGER GMBH & CO KG [DE]
- [I] US 2012208378 A1 20120816 - RUDISILL CHARLES ALBERT [US], et al
- [A] CN 202216119 U 20120509 - SICHUAN SUNFOR LIGHTING CO LTD
- [A] US 2012099317 A1 20120426 - LIU TAY-JIAN [TW]
- [A] US 2013044501 A1 20130221 - RUDISILL CHARLES A [US], et al

Cited by

EP2876360B1

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 2871404 A1 20150513**; IT MI20131855 A1 20150509

DOCDB simple family (application)

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