

Title (en)

Modular lighting system with a number of lighting modules

Title (de)

Modulares Beleuchtungssystem mit einer Vielzahl von Beleuchtungsmodulen

Title (fr)

Système d'éclairage modulaire doté d'une multitude de modules d'éclairage

Publication

**EP 2362132 A3 20130306 (DE)**

Application

**EP 11000743 A 20110131**

Priority

DE 102010008788 A 20100222

Abstract (en)

[origin: EP2362132A2] The system has multiple lighting modules (10) provided with planar quadratic carrier frames (12). The lighting modules are interconnected with each other by connectors (20) such that a cantilevered structure is formed. Lights e.g. LEDs (14a-14d) and OLEDs, are arranged in the carrier frame of the lighting modules, where one of the LEDs is arranged on a front side of the lighting module. Cooling members are located on a back of the lighting module to dissipate heat generated in the LEDs. A control unit i.e. bus system, actuates a subset of the lighting modules and/or all the lighting modules.

IPC 8 full level

**F21K 99/00** (2010.01); **F21S 2/00** (2006.01)

CPC (source: EP US)

**F21S 2/005** (2013.01 - EP US); **F21S 6/002** (2013.01 - EP); **F21V 21/005** (2013.01 - EP); **F21V 21/29** (2013.01 - EP); **F21Y 2105/00** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US); **F21Y 2115/15** (2016.07 - EP US)

Citation (search report)

- [XAI] US 2009097242 A1 20090416 - HSIEH SHU-HUI [TW], et al
- [X] WO 2008157723 A1 20081224 - NILA INC [US], et al
- [X] US 2009237936 A1 20090924 - KU CHIN-LONG [TW]

Cited by

EP3227606A4; EP3051212A1; CN103375744A; GB2502777A; WO2014013369A1; WO2014106596A1

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 2362132 A2 20110831; EP 2362132 A3 20130306; DE 102010008788 A1 20110825**

DOCDB simple family (application)

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