

Title (en)

Multiple LED lighting system with colour variation

Title (de)

Beleuchtungssystem mit mehreren LEDs mit Farbveränderung

Title (fr)

Système d'éclairage à plusieurs DEL avec variation de couleur

Publication

EP 2107857 A2 20091007 (EN)

Application

EP 09155023 A 20090312

Priority

IT VE20080028 A 20080404

Abstract (en)

A multiple LED lighting system with colour variation, comprising: - a plurality of RGB LEDs (2) connected together in groups, - a plurality of slave units (4), each connected by wire to all the LEDs pertaining to one and the same group, - at least one master unit (6) controlling said slave units, characterised by further comprising: - for generating colour information signals, a plurality of identical circuits contained in a control card with which the master unit and each slave unit is provided, - a start signal generating circuit contained in a control card with which the master unit is provided, said generating circuit acting on all the slave units, - a synchronization signal generating circuit also contained in said control card and also acting on all the slave units, - a radio receiver installed in each slave unit, and - a radio transmitter (8) installed in the master unit and tuned to all the radio receivers, to transmit to these said start signal and said synchronization signals.

IPC 8 full level

H05B 44/00 (2022.01); **H05B 37/02** (2006.01)

CPC (source: EP US)

H05B 45/20 (2020.01 - EP US); **H05B 47/155** (2020.01 - EP US); **H05B 47/19** (2020.01 - EP US)

Cited by

EP2393342A1; CN104154489A; GB2471835A; FR2961055A1; DE102010015518A1; DE102010015518B4; US8624498B2; WO2011151609A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2107857 A2 20091007; **EP 2107857 A3 20150513**; IT VE20080028 A1 20091005

DOCDB simple family (application)

EP 09155023 A 20090312; IT VE20080028 A 20080404