

Title (en)

Control of lighting devices over a modulated DC bus

Title (de)

Ansteuerung von Leuchtmittel-Betriebsgeräten über einen modulierten DC-Bus

Title (fr)

Commande des dispositifs d'éclairage par des signaux modulés sur bus à courant continu

Publication

**EP 2288238 B1 20141015 (DE)**

Application

**EP 10182692 A 20041124**

Priority

- EP 04027898 A 20041124
- DE 102004002026 A 20040114

Abstract (en)

[origin: EP1555859A1] The method involves using a central rectifier/PFC unit (20) that supplies several light source operating devices using at least one d.c. output stage (11), whereby the d.c. supply voltage has a high frequency digital control signals modulated onto it using powerline technology (17) that are read out in the operating devices (1) using powerline demodulators (15) and evaluated for controlling the associated light sources (14). An independent claim is also included for a control system for light source operating devices.

IPC 8 full level

**H04B 3/54** (2006.01); **H05B 37/02** (2006.01); **H05B 41/24** (2006.01); **H05B 41/282** (2006.01); **H05B 41/288** (2006.01)

CPC (source: EP)

**H05B 41/245** (2013.01); **H05B 47/185** (2020.01)

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1555859 A1 20050720; EP 1555859 B1 20140122**; DE 102004002026 A1 20050804; EP 2288238 A2 20110223; EP 2288238 A3 20121031; EP 2288238 B1 20141015; HK 1148897 A1 20110916

DOCDB simple family (application)

**EP 04027898 A 20041124**; DE 102004002026 A 20040114; EP 10182692 A 20041124; HK 11102989 A 20110324