

Title (en)

Device for controlling light sources with ballast

Title (de)

Vorrichtung zur Steuerung von Lichtquellen mit Vorschaltgerät

Title (fr)

Dispositif pour commander des sources lumineuses munies d'un ballast

Publication

**EP 1135005 A3 20050525 (DE)**

Application

**EP 01102651 A 20010207**

Priority

DE 10011306 A 20000310

Abstract (en)

[origin: CA2339723A1] The invention relates to a device for controlling light sources (30-35) having a ballast (20-23), it being possible to connect the device to a set point generator for prescribing a brightness set point for the light sources (30-35), and having means for generating a control signal, dependent on the set point of the set point generator, for the purpose of brightness control of the light sources (30-35). According to the invention, the device has means for adapting the control signal to different types of light sources. The device according to the invention renders possible uniform dimming of different types of light sources which are installed in a lighting system.

IPC 1-7

**H05B 37/02**

IPC 8 full level

**H05B 37/02** (2006.01); **H05B 39/04** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP US)

**H05B 39/044** (2013.01 - EP US); **H05B 41/3921** (2013.01 - EP US); **H05B 47/18** (2020.01 - EP US)

Citation (search report)

- [X] EP 0444635 A1 19910904 - TOSHIBA LIGHTING & TECHNOLOGY [JP]
- [X] US 5563622 A 19961008 - PERSON ANDREW P [US], et al
- [X] EP 0903966 A1 19990324 - CEAG SICHERHEITSTECHNIK GMBH [DE]
- [X] EP 0208083 A2 19870114 - TRILUX LENZE GMBH & CO KG [DE]
- [X] DE 19817076 A1 19991021 - EM SYSTEMA LICHTSTEUERUNGSGESE [DE]

Cited by

DE102006028670B4; EP2408273A1; EP2475227A1; EP2346305A3; CN103561505A; WO2008156991A1; US7855518B2; US11116061B2; EP3550938A4; WO2007147512A1; WO2020254007A1; WO2015140193A1; EP2346305A2; US8111010B2; DE202007019402U1; EP2765835A1; EP2030484B1

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