

Title (en)

Arrangement of electronic pre-switching device and dimming control device connected to it and method for operating a lamp

Title (de)

Anordnung aus elektronischem Vorschaltgerät und daran angeschlossenen Dimm-Steuergerät sowie Verfahren zum Betreiben einer Lampe

Title (fr)

Agencement constitué d'un appareil d'entrée électronique et d'un appareil de commande d'atténuation y étant connecté et procédé de fonctionnement d'une lampe

Publication

EP 2182782 A3 20110316 (DE)

Application

EP 09173744 A 20091022

Priority

DE 102008054290 A 20081103

Abstract (en)

[origin: EP2182782A2] The arrangement has two connections (16a, 16b) connected to an electronic ballast (12). The ballast differentiates loads connected to the connections, so that an analysis result is obtained. The ballast controls a lamp (10) connected to the ballast based on the result. A control device (18) attached to the connections is operated at the voltage lying at the connections and comprises a clock. The control device is in a position in which the load lying between the connections is changed by an electronic control based on information or signals, where the information is provided by the clock. An independent claim is also included for a method for operating a lamp.

IPC 8 full level

H05B 41/36 (2006.01); **H05B 41/38** (2006.01)

CPC (source: EP KR US)

H05B 41/24 (2013.01 - KR); **H05B 41/38** (2013.01 - KR); **H05B 41/40** (2013.01 - EP US)

Citation (search report)

- [AP] DE 102007047141 A1 20090409 - TRIDONICATCO GMBH & CO KG [AT]
- [A] US 5789868 A 19980804 - SEARS LAWRENCE [US]
- [A] DE 4418315 A1 19951130 - L & R LOSSE UND RAMSCHEID DATE [DE], et al
- [A] DE 19823422 A1 19991118 - SLAMECKA ERNST [DE]

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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2182782 A2 20100505; EP 2182782 A3 20110316; EP 2182782 B1 20121205; CN 101730346 A 20100609; CN 101730346 B 20140514; DE 102008054290 A1 20100512; KR 20100049492 A 20100512; US 2010109574 A1 20100506

DOCDB simple family (application)

EP 09173744 A 20091022; CN 200910221105 A 20091103; DE 102008054290 A 20081103; KR 20090105361 A 20091103; US 61039409 A 20091102