

Title (en)

Method and device for calibrating a dimmer controller

Title (de)

Verfahren und Vorrichtung zur Kalibrierung einer Dimmersteuerung

Title (fr)

Procédé et dispositif pour étalonner une commande de gradateur

Publication

EP 2911481 A1 20150826 (EN)

Application

EP 14155784 A 20140219

Priority

EP 14155784 A 20140219

Abstract (en)

According to an embodiment, a portable device (1) for calibrating a dimmer controller (2) is disclosed comprising a wireless interface configured to communicate wirelessly with this controller controlling a dimmer (4) for dimming a light (3). The device also comprises a photo sensor (5) configured to measure a light output level of this light. The device further comprises a processor configured to execute several steps. In a first step, it generates a varying dim level and sends it by its wireless interface to the dimmer thereby varying the light output level. In a second step, it receives measurements of the light output level from its photo sensor. In a third step, it selects as a maximum dim level the lowest dim level with a corresponding measured light output level that is not below a first threshold light output level. Finally, it programs the dimmer controller to use the maximum dim level as new upper limit for steering the dimmer during operation.

IPC 8 full level

H05B 37/02 (2006.01)

CPC (source: EP US)

H05B 47/19 (2020.01 - EP US)

Citation (applicant)

"ASSIST recommends... Dimming: A technology-neutral Definition", vol. 12, 2013, LIGHTING RESEARCH CENTER

Citation (search report)

- [X] US 2013010018 A1 20130110 - ECONOMY THEODORE F [US]
- [I] US 7190126 B1 20070313 - PATON JOHN DOUGLAS [US]

Cited by

CN111629489A

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 2911481 A1 20150826; EP 2911481 B1 20180711

DOCDB simple family (application)

EP 14155784 A 20140219