

Title (en)

Method and device for determining a control value or combination of control values needed to generate a desired level of light emission

Title (de)

Verfahren und Vorrichtung zur Ermittlung eines zum Erzielen einer gewünschten Lichtabgabe erforderlichen Stellwerts bzw. einer Stellwertkombination

Title (fr)

Procédé et dispositif d'établissement d'une valeur de réglage ou d'une combinaison de valeur de réglage nécessaire à l'émission de lumière souhaitée

Publication

EP 2372484 A3 20160831 (DE)

Application

EP 11160633 A 20110331

Priority

DE 102010003593 A 20100401

Abstract (en)

[origin: EP2372484A2] The method involves defining desired light emission by a user, and transmitting a test value to a light (50) i.e. recessed ceiling light, and detecting the resulted light emission. A reference control value or combination of reference control values is computed to generate a desired level of light emission. A test control value is provided by a mobile device (1), which is separated from the light. The mobile device is formed to detect the resulted light emission of the light, and to calculate the reference control value or the combination of reference control values. The recessed ceiling light comprises light sources such as red, blue and green LEDs. An independent claim is also included for a device for determining a reference control value or combination of reference control values to generate a desired level of light emission.

IPC 8 full level

G05D 25/02 (2006.01); **H05B 37/02** (2006.01)

CPC (source: EP US)

H05B 47/10 (2020.01 - EP US); **H05B 47/18** (2020.01 - EP US); **H05B 47/1965** (2024.01 - EP)

Citation (search report)

- [X] DE 19942177 A1 20010322 - OSRAM OPTO SEMICONDUCTORS GMBH [DE]
- [X] DE 102004018804 A1 20051110 - ERCO LEUCHTEN [DE]
- [X] WO 2007105134 A1 20070920 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [X] DE 60021911 T2 20060518 - COLOR KINETICS BOSTON [US]
- [X] DE 10239449 A1 20030807 - KUIPERS ULRICH [DE]
- [X] DE 19606674 A1 19970828 - SIEMENS AG [DE]
- [X] WO 2009018958 A1 20090212 - TRIDONICATCO GMBH & CO KG [AT], et al
- [X] EP 0807877 A1 19971119 - ZUMTOBEL LICHT [AT]

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 2372484 A2 20111005; EP 2372484 A3 20160831; EP 2372484 B1 20181003; DE 102010003593 A1 20111006

DOCDB simple family (application)

EP 11160633 A 20110331; DE 102010003593 A 20100401