

Title (en)

Method and device for monitoring and adapting to interference in the luminous flux of light sources in technical assemblies and in signals

Title (de)

Verfahren und Einrichtung zur Überwachung und Adaption an Störeinflüsse des Lichtstromes bei Lichtquellen in technischen Anlagen und in der Signalisierung

Title (fr)

Procédé et dispositif de surveillance et d'adaptation aux influences parasites du flux lumineux dans des sources de lumière d'installations techniques et dans la signalisation

Publication

**EP 2291057 A3 20161116 (DE)**

Application

**EP 10166780 A 20100622**

Priority

- EP 09168498 A 20090824
- EP 10166780 A 20100622

Abstract (en)

[origin: EP2291057A2] The light emitting diode-lamp has a light emitting diode and an optical functional element in the light channel between the source and outlet port of the light. The light emitting diode has the characteristics of an integrating sphere and thus the total produced luminous flux at the outer wall is measured by the small light portion by a light sensor.

IPC 8 full level

**H05B 44/00** (2022.01); **H05B 45/50** (2022.01)

CPC (source: EP US)

**H05B 45/22** (2020.01 - EP US); **H05B 45/50** (2020.01 - EP US)

Citation (search report)

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- [XI] US 2006087841 A1 20060427 - CHERN JYH-LONG [TW], et al
- [XI] WO 2008086890 A1 20080724 - OSRAM GMBH [DE], et al
- [XI] WO 2006054234 A2 20060526 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [A] WO 02099333 A1 20021212 - KONINKL PHILIPS ELECTRONICS NV [NL]
- [A] US 2007138978 A1 20070621 - RAINS JACK C JR [US], et al
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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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 10166780 A 20100622**