

Title (en)

Portable illuminating lamp equipped with an electronic board housed in a sealed environment, and assembly method for the lamp

Title (de)

Tragbare Beleuchtungslampe, die mit einer elektronischen Karte in einer wasserdichten Umgebung ausgestattet ist, und Verfahren zum Zusammenbau der Lampe

Title (fr)

Lampe d'éclairage portative équipée d'une carte électronique logée dans un environnement étanche, et procédé d'assemblage de la lampe

Publication

**EP 2053302 B1 20140409 (FR)**

Application

**EP 08354055 A 20080807**

Priority

FR 0707435 A 20071023

Abstract (en)

[origin: EP2053302A1] The lamp has a commutator for controlling a state and lighting level of a LED. Contact parts with contact elements (19b, 20b) are successively passed through a pair of holes (25, 26) located in a sealed wall (12) of a casing and a pair of slots of an electronic board. The contact elements are welded on the electronic board for obtaining an electric connection from a direct current supply source. A sealed compartment is arranged in the casing around the board. The contact parts are mounted on a support wall (11). An independent claim is also included for a method for assembling a case of a portable lighting lamp.

IPC 8 full level

**F21V 19/00** (2006.01); **F21L 4/02** (2006.01); **H01R 13/52** (2006.01); **H01R 33/965** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

**F21L 4/027** (2013.01 - EP US); **F21V 19/004** (2013.01 - EP US); **F21V 23/005** (2013.01 - EP US); **F21V 31/005** (2013.01 - EP US); **H01R 13/521** (2013.01 - EP US); **F21Y 2115/10** (2016.08 - EP US); **H01R 33/965** (2013.01 - EP US)

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2053302 A1 20090429**; **EP 2053302 B1 20140409**; CN 101418934 A 20090429; CN 101418934 B 20120111; FR 2922627 A1 20090424; FR 2922627 B1 20100212; RU 2008141962 A 20100427; RU 2472063 C2 20130110; US 2009103291 A1 20090423; US 7810946 B2 20101012

DOCDB simple family (application)

**EP 08354055 A 20080807**; CN 200810165696 A 20080924; FR 0707435 A 20071023; RU 2008141962 A 20081022; US 22236508 A 20080807