

Title (en)

Watertight electrical connection device with multiple configurations

Title (de)

Vorrichtung für dichten Stromanschluss mit Mehrfach-Konfigurationen

Title (fr)

Dispositif de branchement électrique étanche à configurations multiples

Publication

EP 1993174 A1 20081119 (FR)

Application

EP 08154714 A 20080417

Priority

FR 0703418 A 20070511

Abstract (en)

The device has a socket (1) with a front surface, and a plug (2) equipped with a cord (20), where the surface is provided with a sealing case (3). The case has a flap (31) moved between open and closed positions, in which the flap releases and closes an opening of a cover (32) of the case, respectively. The case has sealing rings respectively placed on the cover and flap, and cooperated to lock the cord in the closed position. The case adopts the shape of an accessory and selectively mounted on the surface in a removable manner. The flap is movably mounted on the cover.

Abstract (fr)

L'invention concerne un dispositif de branchement électrique comprenant une prise (1), une fiche (2), et un boîtier d'étanchéité (3), le boîtier (3) comportant un capot (32) et un volet (31) et permettant le branchement étanche de la fiche (2) dans cette prise (1). Selon l'invention, le boîtier (3) prend la forme d'un accessoire monté de façon amovible sur la prise (1), le volet (31) de ce boîtier étant en outre monté mobile sur le capot (32).

IPC 8 full level

H01R 13/52 (2006.01)

CPC (source: EP US)

H01R 13/5213 (2013.01 - EP US); **H01R 24/64** (2013.01 - EP US)

Citation (applicant)

US 5527993 A 19960618 - SHOTEY MICHAEL J [US], et al

Citation (search report)

- [AD] EP 1251600 A1 20021023 - LEGRAND SA [FR], et al
- [A] GB 2269485 A 19940209 - MK ELECTRIC LTD [GB]
- [A] GB 2307600 A 19970528 - LOBLITE LTD [GB]
- [A] US 4576428 A 19860318 - DELUCA PAUL V [US], et al

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US8784139B2; WO2011073953A3

Designated contracting state (EPC)

DE ES FR IT

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1993174 A1 20081119; CN 101304136 A 20081112; CN 101304136 B 20121205; FR 2916090 A1 20081114; FR 2916090 B1 20090717; US 2008280480 A1 20081113; US 7648384 B2 20100119

DOCDB simple family (application)

EP 08154714 A 20080417; CN 200810095049 A 20080428; FR 0703418 A 20070511; US 11653008 A 20080507