

Title (en)

Power socket with mobile pit bottom and retractable shutter

Title (de)

Mobiler Stromanschluss für Schachtsohle und einklappbares Absperrrorgan

Title (fr)

Prise de courant à fond de puits mobile et obturateur escamotable

Publication

EP 2146399 B1 20140806 (FR)

Application

EP 09290417 A 20090605

Priority

FR 0854832 A 20080716

Abstract (en)

[origin: EP2146399A1] The socket has a filler plate (350) displaced in a plane parallel to a plane formed by a movable protective flap to pass the plate from a closed position in which the plate covers pin passage holes (304) to prevent accessing of pins to electrical contacts, to an open position in which the plate authorizes the accessing of the pins. A locking unit is constituted of a spigot (356), a keyway section (357) and a groove (202), to lock the plate for preventing the plate from being passed from the closed position to the open position, and is activated when the flap is found in raised position. An independent claim is also included for a polarizing slot and electrical socket assembly comprising a base.

IPC 8 full level

H01R 13/453 (2006.01)

CPC (source: EP)

H01R 13/4532 (2013.01); **H01R 13/4538** (2013.01); **H01R 24/30** (2013.01); **H01R 2103/00** (2013.01)

Cited by

CN107007121A; CN110783746A; DE102016011762B4; CN108511943A; FR3134660A1; EP4170829A1; WO2023198438A1; WO2018107877A1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2146399 A1 20100120; EP 2146399 B1 20140806; BR PI0902446 A2 20100420; BR PI0902446 B1 20181127; ES 2523032 T3 20141120; FR 2934091 A1 20100122; FR 2934091 B1 20100903

DOCDB simple family (application)

EP 09290417 A 20090605; BR PI0902446 A 20090715; ES 09290417 T 20090605; FR 0854832 A 20080716