

Title (en)

Touch protection device for a plug pin

Title (de)

Berührungsschutzvorrichtung für einen Steckerpin

Title (fr)

Dispositif de protection contre le contact pour une broche de prise

Publication

EP 2211426 B1 20150218 (DE)

Application

EP 09015453 A 20091215

Priority

DE 102009005725 A 20090122

Abstract (en)

[origin: EP2211426A1] The pin (1) has a rotationally symmetric head plate (21) with a concentric opening (22), and a flexible protective casing (23) connected with the head plate. The casing is transferred from a starting position to an end position and operated by pressing the head plate. The head plate and the protective casing are symmetrically formed around an operating axis (27) of a shock protection device (20), where the operating axis is identical to a plug direction (S) of the pin. An insulating cap (4) is arranged at a plug-lateral end of pin, and comprises a ring-shaped circulating groove (5).

IPC 8 full level

H01R 13/44 (2006.01); **H01R 13/453** (2006.01); **H01R 13/639** (2006.01); **H01R 13/447** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP)

H01R 13/44 (2013.01); **H01R 13/4538** (2013.01); **H01R 13/6397** (2013.01); **H01R 13/447** (2013.01); **H01R 13/5213** (2013.01)

Cited by

CN107534240A; WO2013034443A1; US10777980B2; WO2018172047A1

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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2211426 A1 20100728; **EP 2211426 B1 20150218**; DE 102009005725 B3 20100722

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