

Title (en)

Electrical connector assembly equipped with a device for protection against pollution

Title (de)

Elektrische Verbindungseinheit, die mit einer Schutzvorrichtung gegen Verschmutzung ausgestattet ist

Title (fr)

Ensemble connecteur électrique muni d'un dispositif de protection contre la pollution

Publication

EP 1936751 B1 20111019 (FR)

Application

EP 07150070 A 20071217

Priority

FR 0655627 A 20061219

Abstract (en)

[origin: EP1936751A1] The assembly has a flat cover shaped flap (30) with a joint (38), pivoted between a closed position in which the flap blocks an access to hollow tubular shaped secondary contacts (24) co-operated with primary contacts (20), and an open position in which the flap permits the access for connecting a plug (10) on a base. An annular sleeve (40) is fixed to an electrical cable/lead (14) and displaced between extreme positions such as lowered position in which the sleeve covers the flap when the plug and the base are connected, and raised position in which the sleeve permits an access to the plug.

IPC 8 full level

H01R 13/52 (2006.01)

CPC (source: EP US)

H01R 13/5213 (2013.01 - EP US); **H01R 13/447** (2013.01 - EP US)

Cited by

EP3174160A1; US10483746B2; WO2017093159A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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