

Title (en)

PROTECTED PLUG SOCKET FOR DISTRIBUTION DEVICES IN TELECOMMUNICATIONS AND DATA TECHNOLOGY

Title (de)

SCHUTZSTECKER FÜR VERTEILEREINRICHTUNGEN DER TELEKOMMUNIKATIONS- UND DATENTECHNIK

Title (fr)

FICHE DE PROTECTION POUR DISPOSITIFS DE DISTRIBUTION DE TELECOMMUNICATION ET DE TRANSMISSION DE DONNEES

Publication

**EP 1894281 B1 20110914 (DE)**

Application

**EP 06754344 A 20060613**

Priority

- EP 2006005681 W 20060613
- DE 102005029012 A 20050621

Abstract (en)

[origin: US2010221952A1] The invention relates to a protected plug socket (20) for distribution devices in telecommunications and data technology, comprising at least one housing (21) and at least one protective element (12), said protective element (12) comprising at least two contact posts (9-11), at least two contact elements (24a-c) being embedded in the housing (21), the contact elements (24a-c) each comprising a line contact (22a, b) and a clamping contact (24a-c), wherein the line contact (22a, b) is arranged in a plugging-in region and the clamping contact is arranged in a housing region of the protected plug socket (20). The contact posts (9-11) of the protective element (12) are in contact with the clamping contacts (24a-c), the protective element (12) is connected to a plugging-in aid (1), made from an electrically non-conducting material and the plugging-in aid (1) comprises at least one housing for the contact posts (9-11) in which the contact posts (9-11) are mechanically fixed, the plugging in aid (1) being arranged between the clamping contacts (24a-c) and/or elements of the housing (21).

IPC 8 full level

**H01T 4/06** (2006.01)

CPC (source: EP US)

**H01T 4/06** (2013.01 - EP US)

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**US 2010221952 A1 20100902; US 8005205 B2 20110823;** AT E524858 T1 20110915; AU 2006261240 A1 20061228; AU 2006261240 B2 20100422; DE 102005029012 B3 20061228; EP 1894281 A1 20080305; EP 1894281 B1 20110914; ES 2372972 T3 20120130; IL 188149 A0 20080320; IL 188149 A 20121031; MY 143105 A 20110315; PL 1894281 T3 20120229; PT 1894281 E 20111104; TW 200708124 A 20070216; TW I372568 B 20120911; WO 2006136315 A1 20061228

DOCDB simple family (application)

**US 99340306 A 20060613;** AT 06754344 T 20060613; AU 2006261240 A 20060613; DE 102005029012 A 20050621; EP 06754344 A 20060613; EP 2006005681 W 20060613; ES 06754344 T 20060613; IL 18814907 A 20071213; MY PI20062779 A 20060613; PL 06754344 T 20060613; PT 06754344 T 20060613; TW 95122093 A 20060620