

Title (en)

Device for connecting a plug with a connection receptacle and intermediary part for this connector device

Title (de)

Anschlussvorrichtung vom Typ wie Steckerstift vorgesehenen für die Verbindung mit einer Steckbuchse und Zwischenstück diese Steckverbindung

Title (fr)

Dispositif de connexion du type comportant une fiche mâle destinée à s'insérer dans une fiche femelle et pièce intercalaire pour ce dispositif de connexion

Publication

EP 0771051 A1 19970502 (FR)

Application

EP 96402249 A 19961023

Priority

FR 9512536 A 19951024

Abstract (en)

The female electrical terminal includes a plate (23) with holes to receive male terminal pins mounted in a recess in the outer casing of the terminal. This plate is circular and matches the cross-section of the male terminal casing. Beneath this plate there is an additional component (2) forming a shutter system to prevent inappropriate access to the female contacts. Within the shutter assembly there is a framework (24) and a sliding shutter (3). A spring (34) urges the shutter towards the closed position. The shutter is opened by the simultaneous insertion of two male contact pins. The socket may be such that one terminal has the opposite structure, and comprises a single male contact projecting from the assembly, to be received in a socket within the overall male terminal.

Abstract (fr)

Suivant l'invention, la fiche femelle (1) comporte une pièce intercalaire (2) qui soit renferme des moyens de sécurité tels qu'un obturateur (3) ou un discriminateur, soit sert d'entretoise, et est interposée entre la fiche femelle et la fiche mâle lorsque celle-ci est insérée dans la fiche femelle.
<IMAGE>

IPC 1-7

H01R 13/453

IPC 8 full level

H01R 13/453 (2006.01); **H01R 13/645** (2006.01); **H01R 13/703** (2006.01)

CPC (source: EP)

H01R 13/453 (2013.01); **H01R 13/645** (2013.01); **H01R 13/7037** (2013.01); **H01R 13/4534** (2013.01)

Citation (applicant)

- FR 2584873 A1 19870116 - ARNOULD APP ELECTR [FR]
- FR 2710787 A1 19950407 - PGEP [FR]

Citation (search report)

- [XA] FR 2461377 A1 19810130 - AVICE PIERRE
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- [A] DE 2643031 A1 19780330 - RAGUZ ANTE
- [A] DE 1515487 A1 19690828 - KRUPP GMBH
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Designated contracting state (EPC)

BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

EP 0771051 A1 19970502; CN 1173055 A 19980211; FR 2740270 A1 19970425; FR 2740270 B1 19971212

DOCDB simple family (application)

EP 96402249 A 19961023; CN 96120358 A 19961023; FR 9512536 A 19951024