

Title (en)

A CONTACT-HOLDER UNIT FOR AN ELECTRICAL CONNECTION SOCKET/PLUG

Title (de)

KONTAKTHALTEREINHEIT FÜR EINE ELEKTRISCHE VERBINDUNGSSTECKBUCHSE ODER EINEN ELEKTRISCHEN STECKVERBINDER

Title (fr)

UNITE PORTE-CONTACT D'UNE CONNEXION ELECTRIQUE PRISE/FICHE

Publication

EP 1629571 A1 20060301 (EN)

Application

EP 04739237 A 20040518

Priority

- EP 2004005328 W 20040518
- IT TO20030086 U 20030520

Abstract (en)

[origin: WO2004105186A1] The contact-holder unit (3) of a socket/plug has a body (7) which can be housed in a housing (1) and a plurality of electrical contacts mounted on the body (7) and constituted by pairs of blades (4a, 4b) lying in a plane perpendicular to the direction (x) of coupling of the socket/plug. The blades of each pair have facing contact edges (4c, 4d) for housing between them an electrical conductor (cl or c2 or c3) of a cable (A) to be connected. Each lever (10) for guiding and clamping a conductor is articulated to the body (7) and can be pivoted outwardly (10') in order to release the conductor from the pair of blades or can be locked onto the body (7) in order to insert the conductor between the facing edges of the pair of blades in order to ensure electrical contact. The pivoting takes place in a plane parallel to the coupling direction (x). In the engagement position, a portion (10b) of the lever projects beyond the body (7) so that the lever can be released manually.

IPC 1-7

H01R 4/24; **H01R 13/506**

IPC 8 full level

H01R 4/24 (2006.01); **H01R 13/502** (2006.01); **H01R 13/506** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2004105186A1

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