

Title (en)

INSERT FOR A THREE-POLE FEMALE ELECTRIC CONNECTOR FOR AN ELECTRIC CONNECTOR PLUG

Title (de)

EINSATZ FÜR EINE DREIPOLIGE ELEKTRISCHE STECKKUPPLUNG FÜR EINEN ELEKTRISCHEN ANSCHLUSSSTECKER

Title (fr)

PIECE RAPPORTEE POUR CONNEXION ELECTRIQUE TRIPOLAIRE A FICHES POUR FICHE DE RACCORDEMENT ELECTRIQUE

Publication

EP 1118141 A1 20010725 (DE)

Application

EP 99947378 A 19990917

Priority

- DE 19847067 A 19981006
- EP 9906895 W 19990917

Abstract (en)

[origin: DE19847067C1] The insert has a holder body for pre-mounting crimp connections for both current conductors and the earth conductor and a covering cap that is placed on the holder body after inserting the crimp connections, whereby the conductors are arranged to form a triangle. The holder body consists of an essentially flat, preferably basin-shaped base body with an end wall and separate insertion channels for the conductors. The end wall has openings for the connecting plug's contact pins. The earth conductor's crimp connecting pin (31) has a U-shaped metal strip parallel to the current conductors' crimp connecting pins (30) and two fins with sprung holding claws for the connecting plug's earth conductor contact pin. An Independent claim is also included for a plug coupling.

IPC 1-7

H01R 3/00

IPC 8 full level

H01R 13/11 (2006.01); **H01R 3/00** (2006.01); **H01R 4/66** (2006.01); **H01R 13/115** (2006.01); **H01R 13/42** (2006.01); **H01R 13/502** (2006.01); **H01R 13/504** (2006.01); **H01R 13/58** (2006.01); **H01R 13/648** (2006.01); **H01R 13/652** (2006.01)

CPC (source: EP US)

H01R 13/504 (2013.01 - EP US); **H01R 13/5845** (2013.01 - EP US); **H01R 24/22** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (search report)

See references of WO 0021162A1

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