

Title (en)

PLUG-IN CONNECTOR FOR GUIDING A CABLE THROUGH AN OPENING OF A SEPARATING WALL OF AN, IN PARTICULAR, MILITARY DEVICE

Title (de)

STECKVERBINDER ZUR LEITUNGSDURCHFÜHRUNG DURCH EINE ÖFFNUNG EINER TRENNWAND EINES INSBESONDERE MILITÄRISCHEN GERÄTES

Title (fr)

CONNECTEUR A FICHE POUR LE PASSAGE D'UNE LIGNE A TRAVERS UNE OUVERTURE MENAGEE DANS UNE PAROI DE SEPARATION, EN PARTICULIER D'UN APPAREIL MILITAIRE

Publication

EP 1790050 A2 20070530 (DE)

Application

EP 05784476 A 20050826

Priority

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- DE 202004014020 U 20040909

Abstract (en)

[origin: US2008045072A1] A plug connection for guiding a cable through an opening of a partition, comprising a device socket having a plug receiving portion, and a plug with an insertion body with a locking ring that cooperates with locking elements of the plug receiving portion. At least one cable adapter is connectable to the device socket or plug. A cadmium-free electrically conductive surface coating is provided on at least an inner or outer continuous surface of the electrically conductive components of the plug connection. The contact points between base bodies of the socket device and plug on the one hand, and base bodies of the respective cable adapter on the other hand, are embodied as interengaging teeth. The contact point between the base bodies of the device socket and the plug is produced by a ground ring on one of them and has resilient tongues that rest on the other one. Outwardly visible components, especially outer sides of the plug receiving portion, of the locking ring, and possibly of the coupling nuts of the cable adapters, are provided with a dull, cadmium-free surface that is resistant to environmental influences and is possibly electrically insulating.

IPC 8 full level

H01R 13/74 (2006.01); **H01R 13/03** (2006.01); **H01R 13/658** (2011.01)

CPC (source: EP US)

H01R 13/03 (2013.01 - EP US); **H01R 13/6582** (2013.01 - EP US); **H01R 13/746** (2013.01 - EP US); **H01R 13/6596** (2013.01 - EP US); **Y10S 439/931** (2013.01 - EP US)

Citation (search report)

See references of WO 2006026954A2

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