

Title (en)  
PIN AND SOCKET ELECTRICAL CONNECTION DEVICE

Title (de)  
HERMAPHRODITISCHER ELEKTRISCHER VERBINDER

Title (fr)  
DISPOSITIF HERMAPHRODITE DE CONNEXION ELECTRIQUE

Publication  
**EP 1103089 B1 20021030 (FR)**

Application  
**EP 99936686 A 19990804**

Priority  
• FR 9901930 W 19990804  
• FR 9810125 A 19980806

Abstract (en)  
[origin: FR2782197A1] The invention concerns an electrical connection device in particular for constituting geophysical data acquisition and processing systems, consisting of two identical electrically and mechanically fitting male/female connectors, each connector comprising a body (10) bearing a set of connection pins and a ring (20) enclosing the connector body base and capable of being moved in rotation relatively to said body, the connector ring comprising an raised motif (27) for plugging in the associated connector. The invention is characterised in that the body of each connector comprises two stages of raised motif of which one front raised stage substantially matching the ring motif to co-operate with the associated connector ring motif in a locked position of the device and a rear stage to co-operate with the ring motif of the same connector in a retracted position of said ring.

IPC 1-7  
**H01R 24/18**

IPC 8 full level  
**H01R 24/18** (2006.01); **H01R 24/84** (2011.01); **H01R 13/52** (2006.01); **H01R 13/623** (2006.01)

CPC (source: EP US)  
**H01R 24/84** (2013.01 - EP US); **H01R 13/521** (2013.01 - EP US); **H01R 13/623** (2013.01 - EP US)

Cited by  
FR2981212A1

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DOCDB simple family (publication)  
**FR 2782197 A1 20000211**; **FR 2782197 B1 20001103**; CA 2339884 A1 20000217; CA 2339884 C 20081104; EP 1103089 A1 20010530; EP 1103089 B1 20021030; US 6447319 B1 20020910; WO 0008724 A1 20000217

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