

Title (en)  
ELECTRICAL CONNECTION

Title (de)  
ELEKTRISCHE STECKVERBINDUNG

Title (fr)  
CONNEXION ELECTRIQUE

Publication  
**EP 0919074 B1 20000426 (DE)**

Application  
**EP 97937566 A 19970812**

Priority  
• DE 19632905 A 19960816  
• EP 9704373 W 19970812

Abstract (en)  
[origin: WO9808277A1] The inventive electrical connection (3) includes a connector (11) having a connector base (15) with a central contact (17) and an eccentric contact (29), and a connector plug (12) provided with concentric contact sockets (41, 42) within a cylindrical female contact (36). The connector plug when clipped to the connector (11) allows the contact members of said centric contact and excentric contact (29, 17) being reached on one side and the relevant one of the concentric contact sockets (41, 42) on the other side, resulting in a snap-fastened axial connection. In order to indicate visibly to the user, when connecting, whether the contact connection is operational or not, the eccentric contact is designed as a coil spring (16), of which the end (29) is bent; upon clipping the connector plug (12) to the connector (11), said concentric contact sockets (41, 42) squeeze the coil spring (16), thereby axially joining the connector (11) and the connector plug (12) through the snap-fastening members (18, 74) arranged on the connector socket (15) and the female contact (36).

IPC 1-7  
**H01R 13/703**

IPC 8 full level  
**H01R 13/64** (2006.01); **H01R 13/646** (2011.01); **H01R 13/703** (2006.01); **H01R 24/38** (2011.01)

CPC (source: EP US)  
**H01R 13/641** (2013.01 - EP US); **H01R 24/38** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Cited by  
FR3122949A1

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**WO 9808277 A1 19980226**; DE 19632905 A1 19980219; DE 59701530 D1 20000531; EP 0919074 A1 19990602; EP 0919074 B1 20000426; JP 2000517093 A 20001219; US 6149448 A 20001121

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