

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)

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DE FR GB IT

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