

Title (en)

Plug and socket connection with a lever as assembling and disassembling aid

Title (de)

Steckverbindung, aufweisend eine Stiftleiste und eine Buchsenleiste mit einer Montage- bzw. Demontagehilfe mittels eines Hebels

Title (fr)

Connexion mâle-femelle ayant un levier d'aide au montage et démontage

Publication

EP 1763113 A1 20070314 (DE)

Application

EP 06018737 A 20060907

Priority

DE 102005043846 A 20050913

Abstract (en)

The connection has a male connector (1) and a female connector (2) that are formed pluggable together and separable by a rotating lever (3). The lever has a pintle that rotatably supports the lever at the male connector or female connector. The lever has an eccentrically arranged actuating bolt that works together with a guiding bar at the female connector or male connector during plugging together or separation. The male connector, the female connector and the lever are made of plastic and are manufactured in a plastic injection molding process.

IPC 8 full level

H01R 13/629 (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP US)

H01R 13/62955 (2013.01 - EP US); **H01R 13/6272** (2013.01 - EP US)

Citation (search report)

- [XY] EP 0603542 A2 19940629 - BOSCH GMBH ROBERT [DE]
- [Y] US 5401179 A 19950328 - SHINCHI AKIRA [JP], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1763113 A1 20070314; **EP 1763113 B1 20090429**; AT E430390 T1 20090515; DE 502006003590 D1 20090610; US 2007059960 A1 20070315; US 7384284 B2 20080610

DOCDB simple family (application)

EP 06018737 A 20060907; AT 06018737 T 20060907; DE 502006003590 T 20060907; US 52106106 A 20060913