

Title (en)  
Connection system

Title (de)  
Anschluss- und Verbindungsvorrichtung

Title (fr)  
Dispositif de connexion

Publication  
**EP 1624536 A2 20060208 (DE)**

Application  
**EP 05013797 A 20050627**

Priority  
DE 202004012151 U 20040804

Abstract (en)  
The device (1) has a connecting cable (4) with a hollow profile tube with helical encoding profiling on its inner and outer peripheries and at least one conductor (9) fed along its outer surface in a helical form, a socket part (2) with a socket (13) in which the free end of the cable can be fitted and with one or more spring and/or blade contacts (16) for contacting the at least one conductors on the outside of the profile tube, a guide mandrel (14) and a corresponding encoding profiling to that of the cable on the socket part. An independent claim is also included for a socket part for an inventive device.

IPC 8 full level  
**H01R 13/64** (2006.01); **H01B 7/40** (2006.01); **H01R 9/03** (2006.01); **H01R 13/646** (2011.01); **H01R 13/58** (2006.01); **H01R 13/645** (2006.01)

CPC (source: EP US)  
**H01R 9/031** (2013.01 - EP US); **H01R 12/515** (2013.01 - EP US); **H01R 24/50** (2013.01 - EP US); **H01R 13/5816** (2013.01 - EP US); **H01R 13/6456** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Cited by  
CN111430070A; EP1842680A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 202004012151 U1 20051222**; CN 100438215 C 20081126; CN 1734844 A 20060215; EP 1624536 A2 20060208; EP 1624536 A3 20060412; US 2006030202 A1 20060209; US 7059891 B2 20060613

DOCDB simple family (application)  
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