

Title (en)

Electrical connecting device with pins arrangement

Title (de)

Elektrische Steckvorrichtung mit Stiftsystem

Title (fr)

Connecteur électrique avec disposition de plots de contact

Publication

**EP 1353414 A3 20050803 (DE)**

Application

**EP 03100634 A 20030312**

Priority

AT 2312002 U 20020412

Abstract (en)

[origin: EP1353414A2] The system has electrical plug and coupling components; each of these components has a housing in which a contact carrier carrying a contact pin or an earthing pin is arranged. The contact pins and earthing pins are made identical. Each contact or earthing pin has a first section for contacting an electrical conductor and a second section for contacting the relevant component. The sections are essentially cylindrical with different diameters. The system has an electrical plug component and an electrical coupling component (1), whereby each of these components has a housing (3) in which a contact carrier (4) carrying a contact pin or an earthing pin (5) is arranged. The contact pins and earthing pins are made identical. Each contact or earthing pin has a first section for contacting an electrical conductor and a second section for contacting the relevant component. The sections are essentially cylindrical with different diameters.

IPC 1-7

**H01R 24/08**

IPC 8 full level

**H01R 13/514** (2006.01); **H01R 24/08** (2006.01)

CPC (source: EP)

**H01R 13/514** (2013.01); **H01R 13/28** (2013.01); **H01R 13/652** (2013.01); **H01R 24/22** (2013.01); **H01R 24/30** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)

- [XY] US 5295857 A 19940322 - TOLY ELDE V [US]
- [Y] DE 3145760 A1 19830526 - BBC BROWN BOVERI & CIE [DE]
- [Y] DE 19528678 C1 19970123 - IFM ELECTRONIC GMBH [DE]

Cited by

US11450989B2; US11705672B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1353414 A2 20031015; EP 1353414 A3 20050803**

DOCDB simple family (application)

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