

Title (en)
ELECTRICAL CONNECTOR DEVICE

Title (de)
ELEKTRISCHE VERBINDUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CONNEXION ELECTRIQUE

Publication
EP 1683236 A1 20060726 (DE)

Application
EP 04818116 A 20041029

Priority
• EP 2004012302 W 20041029
• DE 20317436 U 20031110

Abstract (en)
[origin: US2007134947A1] An electrical connecting apparatus has the following features: a current or data transmitter device which can be connected to at least one current-transmitting or pulse-transmitting source, is arranged in a transmitter housing and has contact elements. A current-receiving or data-receiving device which can be electrically connected to a load or consumer is arranged in a receiver housing and has contact elements. Current, pulses or data can be transferred between the contact elements, which are in the form of flat contacts with touching surfaces, by connecting the current or data transmitter device to the current-receiving or data-receiving device. A multiplicity of contact elements of at least one of the two devices are held next to one another in a holding body. The contact elements which are held in the holding body are elastically mounted. The contact elements rest on a pressing link on the side facing away from the contact elements of the other device.

IPC 8 full level
H01R 13/24 (2006.01); **H01R 13/424** (2006.01); **H01R 11/30** (2006.01); **H01R 13/62** (2006.01); **H01R 13/64** (2006.01)

CPC (source: EP US)
H01R 13/24 (2013.01 - EP US); **H01R 13/424** (2013.01 - EP US)

Citation (search report)
See references of WO 2005046003A1

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2007134947 A1 20070614; US 7364433 B2 20080429; AT E365988 T1 20070715; BR PI0416342 A 20070109; BR PI0416342 B1 20170328; CN 1902787 A 20070124; CN 1902787 B 20140820; DE 20317436 U1 20040122; DE 502004004213 D1 20070809; EP 1683236 A1 20060726; EP 1683236 B1 20070627; ES 2289598 T3 20080201; JP 2007511053 A 20070426; JP 4796502 B2 20111019; RU 2006120455 A 20071227; RU 2340055 C2 20081127; WO 2005046003 A1 20050519

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