

Title (en)
ELECTRICAL PLUG-TYPE CONNECTOR

Title (de)
ELEKTRISCHER STECKVERBINDER

Title (fr)
CONNECTEUR ELECTRIQUE

Publication
EP 2027633 A1 20090225 (DE)

Application
EP 07764636 A 20070613

Priority
• EP 2007005204 W 20070613
• DE 202006009504 U 20060614

Abstract (en)
[origin: WO2007144156A1] The invention relates to an electrical plug-type connector, namely a data socket for accommodating, in contact-making fashion, at least one data plug, with a housing and a connecting device (10) positioned in the housing, wherein the connecting device (10) has at least one printed circuit board (12, 13, 14), and wherein the or each printed circuit board has electrical conductors, which form an electrical line path between input terminals and output terminals of the connecting device (10). According to the invention, a flexible or rigidly flexible printed circuit board (13) can be pressed, via a contact-pressure element (16), which bears in electrically insulated fashion against sections of a first side (17) of the flexible or rigidly flexible printed circuit board (13), with a second side (20) immediately or directly against contacts (11) of a data plug in order thus to provide an electrical connection between the contacts (11) of the data plug and the electrical line path of the data socket.

IPC 8 full level
H01R 24/58 (2011.01); **H01R 13/66** (2006.01)

CPC (source: EP)
H01R 13/6658 (2013.01); **H01R 24/64** (2013.01); **H01R 12/62** (2013.01)

Citation (search report)
See references of WO 2007144156A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007144156 A1 20071221; AT E476771 T1 20100815; DE 202006009504 U1 20060824; DE 502007004657 D1 20100916; EP 2027633 A1 20090225; EP 2027633 B1 20100804; ES 2350058 T3 20110117

DOCDB simple family (application)
EP 2007005204 W 20070613; AT 07764636 T 20070613; DE 202006009504 U 20060614; DE 502007004657 T 20070613; EP 07764636 A 20070613; ES 07764636 T 20070613