

Title (en)
MULTICONTACT ELECTRIC CONNECTOR

Title (de)
MEHRPOLIGER ELEKTRISCHER VERBINDER

Title (fr)
CONNECTEUR ELECTRIQUE A CONTACTS MULTIPLES

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Application
EP 01972188 A 20010924

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Abstract (en)
[origin: WO0229423A1] The invention concerns multicontact connectors comprising in particular a base (1), two pairs (2, 3) of input/output terminals (4, 6), two electrically conductive needles (11, 12), two electrically insulating plates (21, 22) comprising orifices (31-34), the needles being mounted sliding at least relative to the plate (22), and means for fixing the two plates (21, 22) relative to the base (1). The inventive connector is characterised in that it further comprises at least two other plates (23, 24) arranged between the two plates (21, 22), wherein are provided orifices (41-44), the needles being sliding in said orifices (41-44), and means (50) for controlling the displacement of said plates (23, 24) respectively in two substantially opposite directions so as to produce, on each needle, two opposite pre-buckling stresses (61-64) on either side of its neutral position. The invention is particularly applicable to connectors for providing electrical connection between, for instance, a testing apparatus and electronic components such as chips.

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