

Title (en)
METHOD FOR PRODUCING A CONNECTION

Title (de)
VORRICHTUNG ZUR HERSTELLUNG EINER VERBINDUNG

Title (fr)
DISPOSITIF DE RÉALISATION D'UNE CONNEXION

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Application
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Abstract (en)
[origin: CA2732200A1] The present invention relates to a device for producing a connection between an electrical or electronic device (3) and at least one cable (13) or further electrical or electronic device that can be connected to the device, comprising a mechanic coarse guide and a precise guide driven by magnetic forces. An adapter comprises a first adapter part (1a) that comprises forward contacts (7, 9) and at least one magnet element (11) and that is integrated into the device or can be connected to connectors in the device. A second adapter part (1b), arranged on the at least one cable and provided with connecting contacts (16, 17) and comprising at least one further magnet element (15), can be connected to the forward contacts and to the at least one magnet element of the first adapter part. One of the two adapter parts is provided with at least one protrusion (22a) and the other adapter part with a ring-shaped recess or an annular groove (29a) for the coarse guide. The magnet element in the first adapter part has a polarity that is opposite to the magnet element in the second adapter part, with which the first adapter part is engaging. The forward contacts, the connecting contacts, and the magnet elements (11, 15) are arranged in relation with each other in such a way that the connection between the two adapter parts (1a, 1b) is independent of the rotational direction.

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