

Title (en)
PLUG CONNECTOR

Title (de)
STECKVERBINDUNG

Title (fr)
SYSTÈME DE CONNEXION ENFICHABLE

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Application
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Abstract (en)
[origin: WO2007128152A2] The invention relates to a plug connector (10) for the detachable connection of a number of cable pairs (97, 98) with a conductor cross-section of more than 10 mm², in particular, for the supply of the welding current in welding robots, wherein individual contact elements (52, 60), with a conducting connection to the cables (97, 98), may be plugged into an insulated plug housing (11) with a clipping action and are detachably held in the plug housing (11) or terminal housing (12), the clipping action of the contact elements (52, 60) in the housings (11, 12) being achieved by an elastic deformation of the housings (11, 12). Manipulation is facilitated in that the housing (11, 12) is made from a material of such a hardness that the plugging in and exchange of contact elements can be achieved without the use of tools.

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