

Title (en)
CRIMP CONTACT

Title (de)
CRIMPKONTAKT

Title (fr)
CONTACT À SERTIR

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Application
EP 15766384 A 20150805

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Abstract (en)
[origin: CA2958509A1] The invention addresses the problem of aluminum and in particular stranded aluminum wires, which generally do not well bond to other metals such as e.g. copper or brass. In the long term, the transition resistance changes, in particular under the influence of oxygen and due to the energizing with high currents. There is also a need for high-current connectors that can be flexibly strapped and field-wired. The invention relates to a heavy-duty plug-type connector having at least one crimp contact (1), the transition (10) between a crimping region (11) that consists of aluminum and a contact region (12) that consists of copper being shifted to the cylindrical or at least rotationally symmetric crimp contact (1). The stranded wire can thus be crimped with the crimp contact (1) without the aforementioned problems. Furthermore, an additional inner thread (112) and a pin (113) that the can screwed into it are provided in the crimping region (11).

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