

Title (en)

Connection assembly, method of manufacturing a connection assembly, and tool for manufacturing a connection assembly

Title (de)

Verbindungsanordnung, Verfahren zur Herstellung einer Verbindungsanordnung und Werkzeug zur Herstellung einer Verbindungsanordnung

Title (fr)

Ensemble de connexion, procédé de fabrication d'un ensemble de connexion et outil de fabrication d'un ensemble de connexion

Publication

EP 2996199 A1 20160316 (EN)

Application

EP 14306426 A 20140915

Priority

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Abstract (en)

The invention relates to a connection assembly (1) comprising at least one conductor (2) and at least one connection device (3) which is plastically deformed about the conductor (2) to form two faces (7) which face each other. The invention further relates to a method of manufacturing such a connection assembly (1) and to a tool (10) for manufacturing such a connection assembly (1). The object of the invention is thus to provide a solution that allows to use such connection assemblies (1) in a wider size range and with different materials. This object is achieved by a connection assembly (1) in which the two faces (7) are connected to each other by a material bond (15). An inventive method includes the step of materially bonding the two adjacent faces (7) to each other. An inventive tool (10) comprises a bonding unit (14) for materially bonding the two faces (7) of the connection device (3) to each other.

IPC 8 full level

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Citation (search report)

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