

Title (en)  
ELECTRICAL CONNECTION DEVICE HAVING IMPROVED CONDUCTANCE

Title (de)  
ELEKTRISCHE VERBINDUNGSVORRICHTUNG MIT VERBESSERTER LEITFÄHIGKEIT

Title (fr)  
DISPOSITIF DE CONNEXION ÉLECTRIQUE À CONDUCTANCE AMÉLIORÉE

Publication  
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Application  
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Abstract (en)  
[origin: WO2012007701A1] The invention relates to an electrical connection device, including two conductors (12 and 14), wherein in particular at least one of the two conductors is made of aluminium, each conductor has a contact surface, and a conductive element (10) is inserted between the contact surfaces of the conductors. The inserted conductive part consists of a foam skeleton comprising open cells of a metal selected from the group consisting of iron, cobalt, nickel, and the alloys thereof, directly covered with at least one coating of copper, tin, indium or one of the alloys thereof.

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