

Title (en)

CONTACT DEVICE ADAPTED TO FACILITATE THE REPAIR OF BOLTED ELECTRICAL CONNECTIONS

Title (de)

ZUR ERMÖGLICHUNG DER REPARATUR VON ELEKTRISCHEN SCHRAUBVERBINDUNGEN ANGEPASSTE KONTAKTVORRICHTUNG

Title (fr)

DISPOSITIF DE CONTACT ADAPTÉ POUR FACILITER LA REPARATION DES CONNEXIONS ÉLECTRIQUES BOULONNÉES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019092330A1] Contact device (10, 20, 30, 40, 50) adapted to be inserted between the two contact surfaces of two conductors (32 and 34) of an electrical connection provided with at least one bolt (37, 38, 39), the device being formed by a metal foam plate (11) in order to reduce the electrical resistance of the connection. According to the main features of the invention: - the surface of the metal foam plate is at least equal to the surface in contact with the two conductors, with its thickness being approximately 1 to 2 mm; - and the metal foam plate comprises at least one circular opening (12) intended to contain the bolt and at least one first pre-cut (18, 28) located between the opening and an outer edge of the contact device, the pre-cut being produced by cutting part of the thickness of the foam plate so that it can be easily broken along the pre-cut, the pre-cut allowing passage of the bolt during the installation of the contact device.

IPC 8 full level

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CPC (source: EP KR US)

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