

Title (en)

ELECTRICAL CONTACT ELEMENT AND METHOD FOR CONNECTING A CONDUCTOR TO SAME

Title (de)

ELEKTRISCHES KONTAKTELEMENT UND VERFAHREN ZUM ANSCHLIESSEN EINES LEITERS AN DAS ELEKTRISCHE KONTAKTELEMENT

Title (fr)

ÉLÉMENT DE CONTACT ÉLECTRIQUE ET PROCÉDÉ DE CONNEXION D'UN CONDUCTEUR À CE DERNIER

Publication

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Application

**EP 22751642 A 20220722**

Priority

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Abstract (en)

[origin: WO2023011686A1] The invention relates to an electrical contact element (1, 1') which comprises a connection region (AB) for connecting an electrical conductor (4) and a contact region (KB) for contacting a counter-contact element, wherein the connection region (AB) is substantially in the form of a hollow cylinder and comprises an internal wall surface and an external wall surface, and wherein, in the connection region (AB), a contacting body (6) is arranged with which strands (5) of the conductor (4) can be pressed against the internal wall surface of the connection region (AB). The strands (5) of the conductor (4) to be connected are introduced into the connection region (AB) of the contact element (1, 1') and the mandrel (7) of the blind rivet is pulled out on the contact side using riveting pliers. The contacting body (6) is compressed in the process and as a result the strands (5) are pressed against the internal wall of the connection region (AB). Lastly, the mandrel breaks off at a defined breaking point.

IPC 8 full level

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