

Title (en)

CONTACT COMPONENT FOR THE TOOLLESS CONTACTING OF INSULATED ELECTRIC CONDUCTORS.

Title (de)

KONTAKTELEMENT ZUR WERKZEUGFREIEN KONTAKTIERUNG VON ISOLIERTEN ELEKTRISCHEN LEITERN.

Title (fr)

ELEMENT DE CONTACT ASSURANT LA MISE EN CONTACT, SANS L'AIDE D'OUTILS, DE CONDUCTEURS ELECTRIQUES ISOLEES.

Publication

EP 0482090 B1 19941005 (DE)

Application

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- DE 9004609 U 19900424
- EP 9001120 W 19900710

Abstract (en)

[origin: WO9101050A1] A contact component for the toolless contacting of insulated electric conductors consisting of a conductive metal core (62) and insulation surrounding it comprises a contact blade (26) having a slot (38) fitted with a cutting edge (40). The insulated electric conductor (52) may be drawn into the slot through an entry. Here the insulation is cut through so that the metal core (62) makes contact with the edges (42, 44) of the slot (38). To facilitate handling and make tools superfluous, the conductor (52) may be pushed into a concave guide surface (20). The contact blade (26) is arranged in such a relative position to the guide surface (20) that tension on the conductor draws it into the slot (38) and the free end (60) of the conductor (52) is supported against deflection on the wire supports (20).

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