

Title (en)

SHORT CONTACT ELEMENT BETWEEN HOUSING PARTS

Title (de)

KURZES KONTAKTELEMENT ZWISCHEN GEHÄUSETEILEN

Title (fr)

ELEMENT DE CONTACT COURT ENTRE DES PIECES D'UN BOITIER

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Application

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Priority

EP 9909130 W 19991125

Abstract (en)

[origin: WO0139331A1] The invention relates to a contact element between housing parts (1, 31), with at least one housing part (1) being formed from a metal sheet (4). A metal sheet clip (11) that is configured as an integral element with said metal sheet (4) represents the resilient contact element (10). The metal sheet clip (11) adjoins a metal sheet edge (14) with its base (13) and it electroconductively contacts the other housing part (31) with a contact surface (15) remote from said base (13). The metal sheet edge (14) is reduced in its thickness (d) by cold-forming vis-à-vis the thickness (D) of the metal sheet (4) in a section (20) between the metal sheet edge (14) and the contact surface (15). In order to guarantee sufficient spring properties for a secure electric contact even at minimum lengths of the metal sheet clip, the base (13), at the level of the metal sheet edge (14), is wider than the transversal width (b) of the metal sheet clip (11) itself and the cold-formed section (20) extends across the base (13) and the metal sheet edge (14) into the metal sheet (4) itself.

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