Title (en)

Method to produce bimetallic contacts for electromagnet blocks for starter motors and relative bimetallic contacts

Title (de)

Verfahren zur Herstellung von Bimetallkontakten für elektromagnetische Einheiten für Anlassmotoren

Title (fr)

Procédé de production de contacts bimétalliques pour unités électromagnétiques de moteurs de démarrage

Publication

EP 0974991 A1 20000126 (EN)

Application

EP 99113121 A 19990707

Priority

IT UD980131 A 19980721

Abstract (en)

Method to produce bimetallic contacts for electromagnet units in starter motors for internal combustion engines, the contacts including a head at least partly made of material with high electric conductivity and a shank at least partly made of material with high mechanical resistance, the method providing a first step wherein a bar is obtained made of material with high mechanical resistance (22), at one end of which a cavity (24) is made, the bar (22) being of a desired shape which does not directly resemble the final shape of the bimetallic contact, a second step wherein a cylinder (23) made of material with high electric conductivity is inserted inside the cavity (24), a third step wherein the bar (22) and the cylinder (23) are subjected to a heat treatment which causes a partial melting and mutual penetration of the two elements (22, 23) to form substantially a single body and a fourth step wherein the bar (22) with the cylinder (23) incorporated is subjected to a shaping step to obtain a desired final form of the bimetallic contact (10). <IMAGE>

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H01H 11/04; H01H 51/06

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CPC (source: EP)

H01H 11/041 (2013.01); **H01H 51/065** (2013.01)

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