

Title (en)
Contact member and fabrication procedure

Title (de)
Kontaktorgan und Verfahren zur Herstellung des Kontaktorgans

Title (fr)
Membre de contact et procédé de fabrication de celui-ci

Publication
EP 0520950 B1 19960605 (DE)

Application
EP 92810482 A 19920625

Priority
CH 190391 A 19910627

Abstract (en)
[origin: US5261840A] The contact element has at least two parallel strips and a row of webs which are arranged between said strips, are of one piece with these and are twisted with respect to them and springy and have two constricted parts. Each web has two web edges, a first web edge having a convex part and the other, second web edge having a concave part, the convex part and concave part being located between the two constricted parts. When the webs are in the untwisted state, each convex part not arranged at the end of the web row projects into the concave part of the adjacent web. This enables the webs to compensate, by means of a spring travel, a large tolerance interval of the distance between two contact surfaces to be electrically conductively connected to one another by the contact element, the contact element simultaneously having a relatively large number of webs per length unit of the web row and being capable of being produced in an economical manner. A sheet metal is divided into the strips and the webs so that the sections of the sheet metal part which serve to form adjacent webs are separated from one another at least in the convex parts and concave parts by cutting processes without removal of material.

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IPC 8 full level
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CPC (source: EP US)
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Cited by
FR2778276A1; FR2939972A1; SG121909A1; CN110265815A; DE102014100421B3; CN105009372A; US10135180B2; US9478874B2; US10770848B2; EP0716474A1; WO2018015170A1; WO2014124962A1; WO2014146905A1; EP3349344B1

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