

Title (en)
WRAPPING CONTACT WITH ROTATION RESISTING MEANS FOR INSERTION IN A HOLE OF CIRCULAR CROSS SECTION IN A CONTACT HOUSING

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Application
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Abstract (en)
[origin: WO8202801A1] The contact part comprises a contact sheath (1) formed with a wound cut out elastic sheet iron piece, intended for the anchoring and centering of such part into a contact orifice of a synthetic material box. The sheath comprises a rotation blocking area (30) which has a centering section (40) surrounding a pin (3) which is rigidly fixed thereto and an anchoring section (41). Side depressions (34a, 34b) impart an elasticity allowing the longitudinal lips (37) of the centering section (40) to be held closed during the action of rotation moments and of radial forces. The anchoring section (41) comprises anchoring arms (42a, 42b) rigidly connected by the base (32) to the centering section (40). The solid connection between the anchoring section (41) and the centering section (40) with the lips (37) of the latter always closed insures a bigger penetration of the claws (44a, 44b) in the wall of the contact orifice when rotation moments are acting on the pin (3), the penetration depth being always limited to a maximum value determined by the projection height of the claws (44a, 44b) on the centering section (40). Thereby, the reliability of the clamping of the contact part and a minimum damaging of the orifice receiving such piece are also provided with boxes of soft synthetic material.

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