

Title (en)

METHOD FOR THE PRODUCTION OF A PLANAR COMMUTATOR AND CONDUCTOR BLANK FOR A PLANAR COMMUTATOR

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES PLANKOMMUTATORS SOWIE LEITERROHLING FÜR EINEN PLANKOMMUTATOR

Title (fr)

PROCEDE DE FABRICATION D'UN COMMUTATEUR PLAN ET EBAUCHE DE CONDUCTEUR POUR UN COMMUTATEUR PLAN DE CE TYPE

Publication

**EP 1769567 B1 20090826 (DE)**

Application

**EP 05770249 A 20050630**

Priority

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Abstract (en)

[origin: US2007294877A1] The invention relates to the production of a planar commutator with a carbon running surface, wherein an annular closed corrugated conductor blank ( 1 ), comprising conductor segments ( 3 ) and bridging parts ( 4 ) connecting said bridging segments to each other, is produced by rolling from a longitudinal-stepped profiled strip section which is stamped on the edges thereof in order to create contact studs ( 7 ) and connection hooks ( 6 ). After the band section has been rolled, the contact studs ( 7 ) of the conductor segments are bent inwards in the direction of the axis ( 2 ) and are profiled on both axial front surfaces by means of a shearing process. The conductor blank is assembled with an annular carbon disk to form a composite part onto which a support element is molded by injection. The annular carbon disk is then subdivided into individual carbon segments and the bridging parts are removed or severed.

IPC 8 full level

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