

Title (en)

METHOD OF PRODUCING A FLAT COMMUTATOR AND A FLAT COMMUTATOR PRODUCED ACCORDING TO SAID METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES PLANKOMMUTATORS SOWIE EIN NACH DIESEM VERFAHREN HERGESTELLTER PLANKOMMUTATOR

Title (fr)

PROCEDE DE REALISATION D'UN COMMUTATEUR PLAN ET COMMUTATEUR PLAN REALISE GRACE A CE PROCEDE

Publication

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Application

**EP 00945694 A 20000531**

Priority

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- EP 0004971 W 20000531

Abstract (en)

[origin: US6684485B1] A method for producing a flat commutator with a hub body formed from insulating molding compound, a plurality of conductor segments and an equally large number of carbon segments, the hub body being molded onto a conductor blank provided with radial grooves, which grooves are filled with molding compound. Then the composite part of conductor blank and hub body is machined on the end face of the conductor blank turned away from the hub body. An annular carbon disk is adhesively bonded to the machined end face of the composite part, whereby electrically conductive connections to the conductor blank or to the conductor segments produced therefrom are established. Finally the annular carbon disk is subdivided into carbon segments by cuts extending into the molding compound that fills the grooves. The conductor blank is then subdivided into conductor segments.

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