

Title (en)

COMMUTATOR, POWER TOOL HAVING AN ELECTRIC MOTOR COMPRISING SUCH A COMMUTATOR, AND METHOD FOR THE PRODUCTION OF A COMMUTATOR

Title (de)

KOMMUTATOR, ELEKTROWERKZEUG MIT EINEM ELEKTROMOTOR MIT EINEM SOLCHEN KOMMUTATOR UND VERFAHREN ZUR HERSTELLUNG EINES KOMMUTATORS

Title (fr)

COMMULATEUR, OUTIL ÉLECTRIQUE COMPORTANT UN MOTEUR ÉLECTRIQUE POURVU D'UN TEL COMMULATEUR ET PROCÉDÉ DE FABRICATION DU COMMULATEUR

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Application

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Abstract (en)

[origin: WO2009106229A2] The invention relates to a commutator (1) comprising electrically conductive commutator segments (12), which are disposed about a rotational axis (10) in a manner free of a pressing material body, and which are electrically insulated from each other by means of an air gap (14) disposed between two adjacent commutator segments (12), characterized in that a fixing means (42) applied to the commutator (1) in a flowable phase in a form-free manner is cured after a flow process between two commutator segments (12) adjoining in the circumferential direction about the rotational axis (10), and that the position of the commutator segments (12) is fixed by the cured fixing means (42), and to a power tool having an electric motor comprising such a commutator, and to a method for the production of a commutator.

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