Title (en)
METHOD OF MANUFACTURING SEGMENT FOR FLAT COMMUTATOR

Title (de)
VERFAHREN ZUR SEGMENTHERSTELLUNG FÜR EINEN SCHEIBENKOLLEKTOR

Title (fr)
PROCEDE DE FABRICATION D'UN SEGMENT POUR UN COMMUTATEUR PLAT

Publication
EP 1575149 A4 20080806 (EN)

Application
EP 03776026 A 20031202

Priority
- JP 0315424 W 20031202
- JP 2002357510 A 20021210

Abstract (en)
[origin: EP1575149A1] A tator-bar 15 having a similar cross-sectional shape to that of the segments 3 is formed by drawing. Segments 3 for a flat commutator are formed by punching out the segments 3 from the tator-bar 15 in a direction Z perpendicular to a drawing direction X. The drawing direction X of the tator-bar 15 is arranged to be substantially the same as the sliding direction of the brush on the segments 3. Simultaneously, surfaces subjected to drawing are arranged to constitute brush sliding surfaces 4 of the segments 3. Anchor parts 14 which serve as a stopper to prevent falling off of the segments 3 are formed on the tator-bar 15 during the drawing. As a result of this, it is possible to manufacture easily, at low costs, segments capable of preventing leakage of resins during a resin mold process of the flat commutator. <IMAGE>

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H02K 13/00

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H02K 15/02 (2006.01); **H01R 43/06** (2006.01); H01R 39/06 (2006.01)

CPC (source: EP)
H01R 43/06 (2013.01); H01R 39/06 (2013.01)

Citation (search report)
- [A] FR 2189898 A1 19740125 - LUCAS ELECTRICAL CO LTD [GB]
- [A] US 6161275 A 20001219 - MOSS GRAHAM D [CA], et al
- See references of WO 2004054073A1

Designated contracting state (EPC)
IT

DOCDB simple family (publication)
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