

Title (en)  
COMMUTATOR AND PROCESS FOR MANUFACTURING SAME

Publication  
**EP 0350855 A3 19900919 (DE)**

Application  
**EP 89112647 A 19890711**

Priority  
DE 3823845 A 19880714

Abstract (en)  
[origin: EP0350855A2] In a commutator (1) for electrical machines, the segments (2) of which form at least one seat for a prestressed reinforcing ring (7) concentric to the longitudinal axis of the commutator, the material section (6) of the segments (2) delimiting the seat with respect to the longitudinal axis of the commutator is plastically deformed outwards in radial direction. During the plastic deformation, the segments (2) are supported from the outside. The widening of the seat leads to a widening of the reinforcing ring (7), from which the tensioning thereof results.  
<IMAGE>

IPC 1-7  
**H01R 43/06**; **H01R 39/04**

IPC 8 full level  
**H01R 39/04** (2006.01); **H01R 43/06** (2006.01)

CPC (source: EP)  
**H01R 39/04** (2013.01); **H01R 43/06** (2013.01)

Citation (search report)  
• [A] EP 0054727 A2 19820630 - KAUTT & BUX KG [DE]  
• [E] DE 3823844 A1 19900118 - KAUTT & BUX KG [DE]

Cited by  
US6157108A; US5736804A; US6101701A; US2011043072A1; US8635760B2; US7196440B2; GB2264199A; FR2686463A1; GB2264199B; ES2083899A2; WO2010037678A3; WO9517031A1

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