

Title (en)  
COMMUTATOR

Title (de)  
KOMMUTATOR

Title (fr)  
COLLECTEUR

Publication  
**EP 1690330 A2 20060816 (DE)**

Application  
**EP 04786855 A 20040924**

Priority  
• DE 2004002139 W 20040924  
• DE 10355805 A 20031128

Abstract (en)  
[origin: WO2005055397A2] The invention relates to a commutator (16) for an electric machine (10), comprising several plates (26) that are separated from one another by slots (24) and have contact surfaces (27). At least one respective groove (30) is provided in the contact surface (27) of the plates (26), said groove essentially extending in the longitudinal direction of each plate (26). This permits the frequency, at which the brushes are excited by the commutator (16), to be increased, thus positively influencing the noise level of the machine.

IPC 8 full level  
**H01R 39/04** (2006.01); **H02K 13/00** (2006.01); **H02K 13/10** (2006.01)

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