

Title (en)
COMMUTATOR FOR AN ELECTRIC MACHINE AND METHOD OF MAKING IT

Publication
EP 0127801 B1 19861022 (DE)

Application
EP 84105347 A 19840511

Priority
CH 307183 A 19830603

Abstract (en)
[origin: US4603474A] A collector for electric machines, including a rotationally symmetrical sintered ceramic body and a plurality of radially disposed metallic segments which are separated from each other by one interspace each and which are bonded to the ceramic body via a eutectic intermediate layer. The segments are bonded to the ceramic body in accordance with the eutectic method by being surface-oxidized on their inside narrow side and radially pressed against the ceramic body with the totality being brought to the melting temperature corresponding to the metal/metal-oxide eutectic and subsequently being cooled down again. A preferred embodiment includes: copper segments on an Al₂O₃ ceramic body.

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H01R 43/06

IPC 8 full level
H01R 43/06 (2006.01); **H02K 13/00** (2006.01)

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Cited by
FR2599904A1; RU2710758C1; RU2684995C1; EP0290341A1; FR2615049A1; US6710500B1; WO0033428A1; WO9742688A1; WO9810493A1

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