

Title (en)
COLLECTOR

Publication
EP 0243640 A3 19880413 (DE)

Application
EP 87103729 A 19870314

Priority
DE 3614918 A 19860502

Abstract (en)
[origin: EP0243640A2] The commutator consists of a supporting bush (10) onto which is pulled a rim of commutator laminates (12), by means of dovetail-like mounting devices (18, 20, 26, 28, 30). A residual gap (32) between the supporting bush (10) and the laminate rim is filled with sealing compound (34). A gripping dovetail arrangement is used which fixes the commutator laminates (12) radially to the supporting bush (10) such that they cannot be lost. In an assembly area, dovetail webs (18) in the supporting bush (10) are provided with notches (36) which allow pivoting of a commutator laminate (12) arranged obliquely with respect to the centre axis (14). The commutator laminates (12) are pulled in the circumferential direction onto the supporting bush (10) and are aligned in the axial direction as a complete rim. <IMAGE>

IPC 1-7
H01R 39/04

IPC 8 full level
H01R 39/04 (2006.01)

CPC (source: EP)
H01R 39/04 (2013.01)

Citation (search report)
• [APD] DE 3443107 A1 19860528 - KOLLEKTOR GMBH [DE]
• [A] DE 1034262 B 19580717 - SIEMENS SCHUCKERTWERKE GMBH
• [A] SOVIET INVENTIONS ILLUSTRATED, Sektion Electrical, Woche 8437 , 24. Oktober 1984, Zusammenfassungsnr. 84-230172/37; & SU-A-1 067 557 (LENGD ELEKTROSILA) 12-10-1982

Cited by
DE102005030454A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0243640 A2 19871104; EP 0243640 A3 19880413; EP 0243640 B1 19920226; AT E72912 T1 19920315; DE 3614918 A1 19871105; DE 3614918 C2 19890223; DE 3776810 D1 19920402; ES 2028776 T1 19920716; ES 2028776 T3 19920816

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