

Title (en)

METHOD FOR THE MANUFACTURE OF A COMMUTATOR AND APPARATUS FOR IMPLEMENTING THE METHOD

Publication

EP 0524393 A3 19930707 (DE)

Application

EP 92108343 A 19920518

Priority

DE 4124386 A 19910723

Abstract (en)

[origin: EP0524393A2] During the manufacture of a commutator whose segments which form the brush running surface have, in the region of their one end, in each case one connecting element, which is constructed integrally with said end and projects radially, for the connection of the conductor of a rotor winding, subject to the formation of a new rear surface (13) on the segment (1), which rear surface (13) is offset towards the segment foot, the material which is present between the original rear surface and the new rear surface (13) is displaced in the segment longitudinal direction with respect to that region in which the connecting element (10) is to be formed, and is collected there to form a connecting element (10). The apparatus for carrying out this method has a peg (11) for supporting the one end of the segment ring which is assembled from the segments (1), and a hollow-cylindrical stamp (7, 8) which has an inwardly open annular groove (9) between a first section (7), whose internal diameter is matched to the diameter of the peg (11), and a second section (8), whose internal diameter is matched to that of the cylinder which is defined by the new rear surface. <IMAGE>

IPC 1-7

H01R 39/32

IPC 8 full level

H01R 39/32 (2006.01); **H01R 43/06** (2006.01); **H01R 43/08** (2006.01)

CPC (source: EP)

H01R 43/06 (2013.01)

Citation (search report)

- [A] EP 0111688 A2 19840627 - BOSCH GMBH ROBERT [DE]
- [AD] DE 2028857 A1 19701217
- [A] DE 2000939 A1 19700806 - COMM FABRICATIONS PAUL DAHL SO
- [A] DE 3530096 A1 19870226 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

DE 4124386 C1 19921022; DE 59204318 D1 19951221; EP 0524393 A2 19930127; EP 0524393 A3 19930707; EP 0524393 B1 19951115

DOCDB simple family (application)

DE 4124386 A 19910723; DE 59204318 T 19920518; EP 92108343 A 19920518