

Title (en)
BRUSH ARRANGEMENT FOR DYNAMOELECTRIC MACHINES

Publication
EP 0036452 B1 19830518 (DE)

Application
EP 80200257 A 19800321

Priority
EP 80200257 A 19800321

Abstract (en)
[origin: ES8201772A1] A brush assembly for electrical machines provided for the transfer of current from a stationary brush holder to a rotating contact part, wherein the stationary supporting structure includes a brush bar (brush magazine) having integrally formed stationary brush boxes in which a brush subassembly having at least one brush carrier element can be slidably mounted. The brushes mounted in the brush carrier element are slidably movable in a direction towards the rotating contact part, and are biased thereagainst by means of a spring, also carried by the brush carrier element. The sub-assembly, including the brush, brush carrier element, and spring, slides into the brush boxes and can be locked in position while being simultaneously electrically connected with the brush boxes. Accordingly, only a brush to be inspected and/or replaced, together with a few additional components, need be separated from the brush holder, while the component which determines the rigidity of the brush assembly is left in rigid connection within the electrical machine during maintenance of the assembly.

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IPC 8 full level
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EP 0036452 A1 19810930; EP 0036452 B1 19830518; DE 3063251 D1 19830707; ES 500521 A0 19811216; ES 8201772 A1 19811216; PL 126675 B1 19830831; PL 230229 A1 19811127; US 4366404 A 19821228

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