

Title (en)
Slip-ring arrangement for electrical motors and generators

Title (de)
Schleifring-Anordnung bei elektrischen Motoren und Generatoren

Title (fr)
Dispositif bague collectrice pour moteurs électriques et générateurs

Publication
EP 1133028 B1 20070124 (DE)

Application
EP 01103814 A 20010216

Priority
DE 10009007 A 20000225

Abstract (en)
[origin: CA2337978A1] Slip-ring arrangement for electric motors and generators, in which brushes made of carbon materials and slip rings (10, 10', 10'') of they slip-ring body (11) are electrically conductively connected to each other, the slip rings (10, 10', 10'') comprising metallic slip rings (2, 2' and 2'') of standard construction as the slip-ring base and an electrically conductive sliding layer (3, 3' and 3'') made of a graphite material, the thickness of which amounts to a maximum of 11% of the radius of the slip ring (10, 10', 10'') and which is electrically conductively fastened to the circumference of the metallic slip-ring base (2, 2' and 2'') by gluing. Method for retooling slip-ring bodies having metallic slip rings by stripping the metallic slip rings and gluing on a sliding layer.

IPC 8 full level
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CPC (source: EP US)
H01R 39/085 (2013.01 - EP US); **H01R 39/56** (2013.01 - EP US); **H01R 39/64** (2013.01 - EP US)

Cited by
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