

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 A3 20030129 (DE)

Application
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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.

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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)

Citation (search report)

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EP 1133028 A2 20010912; EP 1133028 A3 20030129; EP 1133028 B1 20070124; AR 027549 A1 20030402; AT E352895 T1 20070215; BR 0100825 A 20020723; CA 2337978 A1 20010825; CZ 2001670 A3 20011017; CZ 301293 B6 20100106; DE 10009007 A1 20010913; DE 10009007 B4 20040205; DE 50111920 D1 20070315; ES 2281383 T3 20071001; PL 203741 B1 20091130; PL 345985 A1 20010827; US 2001033117 A1 200111025; US 6400057 B2 20020604

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