

Title (en)

Commuter and production method for a commuter

Title (de)

Kommutator und Herstellungsverfahren eines Kommutators

Title (fr)

Commutateur et procédé de fabrication d'un commutateur

Publication

**EP 2180561 A3 20110615 (DE)**

Application

**EP 09168738 A 20090826**

Priority

DE 102008043150 A 20081024

Abstract (en)

[origin: EP2180561A2] The commutator (1) has lamellas (2) forming a ring with a cohesive molding mass (3). The lamellas have a contact region (5) at an outer peripheral surface for contact with brushes (6), and another contact region (7) for contact with an armature winding (8). The commutator is formed with a steel ring (9) inserted from a lower side (20) of the lamellas. The lower side of the lamellas lies opposite to one of the contact regions. The steel ring is embedded into a recess (17) from the lower side of the lamellas below the former contact region. The recess is sealed with a material i.e. copper. An independent claim is also included for a method for manufacturing a commutator for an electrical machine i.e. starter.

IPC 8 full level

**H01R 39/04** (2006.01)

CPC (source: EP)

**H01R 39/04** (2013.01)

Citation (search report)

- [X] US 3450914 A 19690617 - DEMERCIERE JEAN
- [X] FR 2670334 A1 19920612 - CHEVEUX YVES
- [A] DE 853608 C 19521027 - SIEMENS AG
- [A] EP 0014738 A1 19800903 - WENZEL REKOFA GMBH [DE]
- [A] FR 2537792 A1 19840615 - KAUTT & BUX KG [DE]
- [A] DE 852576 C 19521016 - SIEMENS AG

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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