

Title (en)

Method for producing a commutator ring for a roll commutator for an electrical machine, and electrical machine

Title (de)

Verfahren zum Herstellen eines Kommutatorrings für einen Rollkommutator einer Elektromaschine, sowie Elektromaschine

Title (fr)

Procédé de fabrication d'une baque de commutateur pour le commutateur rotatif d'une machine électrique ainsi qu'une machine électrique

Publication

**EP 2206206 A1 20100714 (DE)**

Application

**EP 08845722 A 20081028**

Priority

- EP 2008064592 W 20081028
- DE 102007051583 A 20071029

Abstract (en)

[origin: US8635760B2] In a method for producing a commutator ring for a commutator of an electric machine, the lamellae of a commutator ring are formed of an electrically conductive, deformable band material, and they have at least one recess running in the longitudinal direction of the band material, before a desired number of the formed lamellae are closed to form the commutator ring. After the closing of the lamellae to form the commutator ring, a reinforcing ring made of an electrically nonconductive, deformation-resistant material is introduced into the recess and is fixed in the recess by plastic deformation of the lamellae of the commutator ring.

IPC 8 full level

**H01R 39/04** (2006.01)

CPC (source: EP US)

**H01R 39/04** (2013.01 - EP US); **H01R 43/08** (2013.01 - EP US); **Y10T 29/49002** (2015.01 - US); **Y10T 29/49011** (2015.01 - US)

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**US 2011043072 A1 20110224**; **US 8635760 B2 20140128**; AT E531104 T1 20111115; CN 101842944 A 20100922; CN 101842944 B 20130327; DE 102007051583 A1 20090430; EP 2206206 A1 20100714; EP 2206206 B1 20111026; JP 2011502460 A 20110120; JP 5517943 B2 20140611; PL 2206206 T3 20120330; WO 2009056537 A1 20090507

DOCDB simple family (application)

**US 73436608 A 20081028**; AT 08845722 T 20081028; CN 200880113491 A 20081028; DE 102007051583 A 20071029; EP 08845722 A 20081028; EP 2008064592 W 20081028; JP 2010530485 A 20081028; PL 08845722 T 20081028