

Title (en)

RETAINING ELEMENT FOR A COMMUTATOR SLIDING CONTACT OF AN ELECTRIC MOTOR AND ELECTRIC MOTOR

Title (de)

HALTEELEMENT FÜR EINEN KOMMUTATORSCHLEIFKONTAKT EINES ELEKTROMOTORS SOWIE ELEKTROMOTOR

Title (fr)

ÉLÉMENT DE SUPPORT POUR UN CONTACT FROTTANT DE COMMUTATEUR D'UN MOTEUR ÉLECTRIQUE ET MOTEUR ÉLECTRIQUE

Publication

EP 2235801 A1 20101006 (DE)

Application

EP 08864586 A 20081027

Priority

- EP 2008064494 W 20081027
- DE 102007061745 A 20071220

Abstract (en)

[origin: WO2009080391A1] The invention relates to a retaining element (1) for a commutator sliding contact (2) of an electric motor (4), comprising a spring section (5) that can be biased by means of bending. The invention provides that the spring section (5) is configured such that when the same is biased, the edge fiber tensions are at least approximately constant in the longitudinal direction in at least one partial section (6) of the spring section (5) extending in the longitudinal direction, preferably in the entire spring section (5).

IPC 8 full level

H01R 39/39 (2006.01); **H02K 5/14** (2006.01)

CPC (source: EP)

H01R 39/381 (2013.01); **H01R 39/39** (2013.01); **H02K 5/145** (2013.01)

Citation (search report)

See references of WO 2009080391A1

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)

DE 102007061745 A1 20090625; CN 101904059 A 20101201; CN 101904059 B 20130417; EP 2235801 A1 20101006; JP 2011507474 A 20110303; JP 5553768 B2 20140716; KR 101518797 B1 20150512; KR 20100106397 A 20101001; WO 2009080391 A1 20090702

DOCDB simple family (application)

DE 102007061745 A 20071220; CN 200880121468 A 20081027; EP 08864586 A 20081027; EP 2008064494 W 20081027; JP 2010538518 A 20081027; KR 20107013474 A 20081027