

Title (en)
COMMUTATOR FOR AN ELECTRIC MACHINE

Title (de)
KOMMUTATOR FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)
COMMULATEUR DESTINE A UNE MACHINE ELECTRIQUE

Publication
EP 1668747 B1 20090415 (DE)

Application
EP 04735733 A 20040602

Priority
• DE 2004001119 W 20040602
• DE 10338450 A 20030821

Abstract (en)
[origin: US2006082244A1] A commutator for an electrical machine, in particular for an electric motor for actuating drives in motor vehicles, has a commutator body that supports commutator laminations. To reduce the electromagnetic radiation, emitted into the environment as interfering radiation, that is engendered by spark development in the commutation operation, the commutator body is embodied as a hollow cylinder, and the commutator laminations are disposed on the inner jacket face of the commutator body.

IPC 8 full level
H01R 39/06 (2006.01); **H01R 39/04** (2006.01)

CPC (source: EP US)
H01R 39/04 (2013.01 - EP US); **H01R 39/06** (2013.01 - EP US)

Cited by
EP2308155A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2006082244 A1 20060420; US 7375452 B2 20080520; AT E429050 T1 20090515; CN 100401596 C 20080709; CN 1813380 A 20060802; DE 10338450 A1 20050324; DE 502004009365 D1 20090528; EP 1668747 A1 20060614; EP 1668747 B1 20090415; ES 2322466 T3 20090622; JP 2007503192 A 20070215; JP 4733032 B2 20110727; WO 2005027280 A1 20050324

DOCDB simple family (application)
US 54738605 A 20050831; AT 04735733 T 20040602; CN 200480018031 A 20040602; DE 10338450 A 20030821; DE 2004001119 W 20040602; DE 502004009365 T 20040602; EP 04735733 A 20040602; ES 04735733 T 20040602; JP 2006523511 A 20040602