

Title (en)
Commutator device for electrical machines

Title (de)
Stromwendevorrichtung für elektrische Maschinen

Title (fr)
Dispositif de commutateur pour machines électriques

Publication
EP 0966072 B1 20020313 (DE)

Application
EP 99107597 A 19990416

Priority
DE 19826883 A 19980617

Abstract (en)
[origin: EP0966072A2] The current switching device has a commutator (10) provided by a number of current conductive laminations (12) and cooperating radial current brushes (11), pressed into contact with the outer mantle of the commutator, which has a concave shape.

IPC 1-7
H01R 39/04; **H01R 39/46**; **H02K 13/10**

IPC 8 full level
H01R 39/04 (2006.01); **H01R 39/46** (2006.01); **H02K 13/10** (2006.01)

CPC (source: EP)
H01R 39/04 (2013.01); **H01R 39/46** (2013.01)

Cited by
DE102014225515A1; DE10159761B4; DE10058872A1; DE102013226895A1; CN106663908A; DE102010064321A1; FR2889628A1; CN103715580A; FR2998113A1; EP2733795A3; CN105703551A; DE102012218095A1; WO2007017258A1; WO2016008623A1

Designated contracting state (EPC)
CH DE ES FR GB LI

DOCDB simple family (publication)
EP 0966072 A2 19991222; **EP 0966072 A3 20000913**; **EP 0966072 B1 20020313**; DE 19826883 A1 19991223; DE 59900970 D1 20020418; ES 2174552 T3 20021101

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