

Title (en)
Moulded flat commutator

Title (de)
Pressstoff-Kommutator

Title (fr)
Commutateur plan en matière moulée

Publication
EP 1111734 B1 20071128 (DE)

Application
EP 00123198 A 20001026

Priority
DE 29922730 U 19991223

Abstract (en)
[origin: EP1111734A2] The laminations (12) are held axis-symmetrical to a collector axis in a compressed insulation of a collector body. Each lamination forms with a surface a part of a concentric brush slide path (18), along which the laminations are separated by insulating columns (14). The lamination surfaces are lowered along the slide path, at least at one side, towards the insulating columns. The lamination surfaces are lowered as inclines down to the insulating columns.

IPC 8 full level
H01R 39/16 (2006.01); **H01R 39/04** (2006.01)

CPC (source: EP)
H01R 39/04 (2013.01)

Citation (examination)

- DE 955072 C 19561227 - SIEMENS AG
- DE 4339981 A1 19940601 - MABUCHI MOTOR CO [JP]
- CH 109189 A 19250616 - SIEMENS SCHUCKERTWERKE GMBH [DE]
- JP S5446305 A 19790412 - CANON KK, et al

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)
RO SI

DOCDB simple family (publication)
EP 1111734 A2 20010627; EP 1111734 A3 20011114; EP 1111734 B1 20071128; AT E379861 T1 20071215; DE 29922730 U1 20010503; DE 50014813 D1 20080110; ES 2294991 T3 20080416; SI 1111734 T1 20080430

DOCDB simple family (application)
EP 00123198 A 20001026; AT 00123198 T 20001026; DE 29922730 U 19991223; DE 50014813 T 20001026; ES 00123198 T 20001026; SI 200030983 T 20001026