

Title (en)
ELECTRIC MOTOR

Title (de)
ELEKTROMOTOR

Title (fr)
MOTEUR ELECTRIQUE

Publication
EP 1005713 A1 20000607 (DE)

Application
EP 98963332 A 19981106

Priority
• DE 9803238 W 19981106
• DE 19808550 A 19980228

Abstract (en)
[origin: DE19808550C1] the motor has permanent magnet segments (4) arranged about a motor longitudinal axis (2) with two end surfaces in the axial direction and at least one short circuit (3) at least partly enclosing the segments with a greater cross-section nearer the segment end faces for conducting field lines than near a plane of symmetry (16) through the motor axis and at least one segment. The short circuit has at least one aperture (19) in a second region extending in the direction of the motor's longitudinal axis and radially

IPC 1-7
H02K 23/04

IPC 8 full level
H02K 1/17 (2006.01); **H02K 1/27** (2006.01); **H02K 23/04** (2006.01)

CPC (source: EP KR US)
H02K 1/17 (2013.01 - EP US); **H02K 23/04** (2013.01 - EP KR US)

Citation (search report)
See references of WO 9944273A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 19808550 C1 19990729; BR 9809012 A 20000801; CN 1091324 C 20020918; CN 1253670 A 20000517; DE 19861024 A1 19990909; EP 1005713 A1 20000607; JP 2001523440 A 20011120; KR 20010012126 A 20010215; US 6191516 B1 20010220; WO 9944273 A1 19990902

DOCDB simple family (application)
DE 19808550 A 19980228; BR 9809012 A 19981106; CN 98804612 A 19981106; DE 19861024 A 19980228; DE 9803238 W 19981106; EP 98963332 A 19981106; JP 54301699 A 19981106; KR 19997009941 A 19981106; US 40393499 A 19991214