

Title (en)
ROTOR FOR AN ELECTRIC MOTOR

Title (de)
ROTOR FÜR EINEN ELEKTROMOTOR

Title (fr)
ROTOR POUR MOTEUR ELECTRIQUE

Publication
EP 1579553 A1 20050928 (DE)

Application
EP 03779721 A 20031212

Priority
• DE 10261760 A 20021219
• DK 0300863 W 20031212

Abstract (en)
[origin: WO2004057737A1] The invention relates to a rotor for an electric motor, especially a line-start electric motor, comprising axially extending receiving regions (4-6) for conductive rods, and axially extending receiving regions (10, 11) for permanent magnets (14, 15) which are embodied and arranged in such a way that they produce a permanent magnet field with a magnetic axis (22) and a neutral axis (23). The aim of the invention is to ensure that the rotor runs as regularly as possible during the operation of the electric motor. To this end, the diameter of the rotor along the magnetic axis (22) is larger than that along the neutral axis (23).

IPC 1-7
H02K 21/46

IPC 8 full level
H02K 1/27 (2006.01); **H02K 21/46** (2006.01)

CPC (source: EP US)
H02K 1/276 (2013.01 - EP US); **H02K 21/46** (2013.01 - EP US)

Citation (search report)
See references of WO 2004057737A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004057737 A1 20040708; AU 2003287883 A1 20040714; CN 100566090 C 20091202; CN 1729608 A 20060201;
DE 10261760 A1 20040715; EP 1579553 A1 20050928; US 2006082236 A1 20060420; US 7183685 B2 20070227

DOCDB simple family (application)
DK 0300863 W 20031212; AU 2003287883 A 20031212; CN 200380107140 A 20031212; DE 10261760 A 20021219; EP 03779721 A 20031212;
US 53983503 A 20031212