

Title (en)

ROTOR FOR A ROTARY ELECTRIC MACHINE COMPRISING A MAGNET ELEMENT BETWEEN TWO ADJACENT TEETH

Title (de)

ROTOR FÜR EINE ELEKTRISCHE DREHMASCHINE MIT EINEM MAGNETELEMENT ZWISCHEN ZWEI BENACHBARTEN ZÄHNEN

Title (fr)

ROTOR DE MACHINE ELECTRIQUE TOURNANTE COMPORTANT UN ELEMENT MAGNETIQUE ENTRE DEUX DENTS ADJACENTES

Publication

EP 1964239 A1 20080903 (FR)

Application

EP 06842036 A 20061124

Priority

- FR 2006051225 W 20061124
- FR 0513028 A 20051221

Abstract (en)

[origin: FR2895165A1] The rotor has magnet wheels radially extending from a main axis of the rotor and including a series of axial teeth (20), each axially extending towards interior from the associated magnet wheel. A magnetic element (24) is arranged transversally between two adjacent teeth and comprises a permanent magnet (28). A support pad (30) of the magnetic element is formed of a non-magnetic material and is mounted on a transversal end face of the magnet. A connection unit connects the support pad with the magnet.

IPC 8 full level

H02K 1/22 (2006.01)

CPC (source: EP US)

H02K 21/044 (2013.01 - EP US)

Citation (search report)

See references of WO 2007077370A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2895165 A1 20070622; FR 2895165 B1 20150102; BR PI0620137 A2 20111101; BR PI0620137 B1 20180116; BR PI0620137 B8 20190212; CN 101346872 A 20090114; CN 101346872 B 20131023; EP 1964239 A1 20080903; JP 2009521198 A 20090528; US 2011095637 A1 20110428; US 8264119 B2 20120911; WO 2007077370 A1 20070712

DOCDB simple family (application)

FR 0513028 A 20051221; BR PI0620137 A 20061124; CN 200680048706 A 20061124; EP 06842036 A 20061124; FR 2006051225 W 20061124; JP 2008546534 A 20061124; US 9554106 A 20061124