

Title (en)
ELECTRIC MOTOR AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
ELEKTROMOTOR UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
MOTEUR ELECTRIQUE ET SON PROCEDE DE PRODUCTION

Publication
EP 1459427 A2 20040922 (DE)

Application
EP 02787864 A 20021128

Priority
• DE 10163544 A 20011221
• EP 0213459 W 20021128

Abstract (en)
[origin: WO03055035A2] The invention relates to an electric motor and to a method for the production thereof. According to the invention, an electricmotor with improved electrical, magnetic and mechanical properties and especially mass-power ratio can be provided in addition to an economical method for the production thereof. The electricmotor is embodied as a permanent-magnet excited electricmotor (1) comprising a symmetrically built support (4) with pole gap excitations, wherein low height hM high energy magnets (3) are provided for excitation purposes.

IPC 1-7
H02K 23/04

IPC 8 full level
H02K 23/04 (2006.01)

CPC (source: EP US)
H02K 23/04 (2013.01 - EP US)

Citation (search report)
See references of WO 03055035A2

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

DOCDB simple family (publication)
WO 03055035 A2 20030703; WO 03055035 A3 20030807; DE 10163544 A1 20030717; EP 1459427 A2 20040922;
US 2005023917 A1 20050203

DOCDB simple family (application)
EP 0213459 W 20021128; DE 10163544 A 20011221; EP 02787864 A 20021128; US 87338404 A 20040621