

Title (en)
ELECTRIC MOTOR WITH PERMANENT MAGNET EXCITATION

Title (de)
ELEKTROMOTOR MIT PERMANENTMAGNET-ERREGUNG

Title (fr)
MOTEUR ÉLECTRIQUE À EXCITATION PAR AIMANT PERMANENT

Publication
EP 2460259 A2 20120606 (DE)

Application
EP 10737835 A 20100716

Priority
• DE 102009028036 A 20090727
• EP 2010060353 W 20100716

Abstract (en)
[origin: WO2011012472A2] An electric motor with a permanent magnet excitation comprises permanent magnets retained in a pole housing and associated with the flux-conducting element, wherein at least one permanent magnet and a flux-conducting element are arranged so that they are in positively interlocking engagement.

IPC 8 full level
H02K 1/17 (2006.01)

CPC (source: EP US)
H02K 1/185 (2013.01 - EP US); **H02K 23/04** (2013.01 - EP US); **F02N 11/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2011012472A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
DE 102009028036 A1 20110203; CN 102549884 A 20120704; CN 102549884 B 20150107; EP 2460259 A2 20120606;
JP 2013500696 A 20130107; JP 5721715 B2 20150520; US 2012187790 A1 20120726; US 8742642 B2 20140603;
WO 2011012472 A2 20110203; WO 2011012472 A3 20120209

DOCDB simple family (application)
DE 102009028036 A 20090727; CN 201080042784 A 20100716; EP 10737835 A 20100716; EP 2010060353 W 20100716;
JP 2012522096 A 20100716; US 201013387457 A 20100716