

Title (en)

ELEMENT OF AN ELECTRICAL MACHINE HAVING A HOLDER AND A PERMANENT MAGNET, COMPONENT HAVING AT LEAST ONE ELEMENT, AND AN ELECTRICAL MACHINE

Title (de)

ELEMENT EINER ELEKTRISCHEN MASCHINE MIT EINER HALTERUNG UND EINEM PERMANENTMAGNETEN, BAUTEIL MIT WENIGSTENS EINEM ELEMENT SOWIE EINE ELEKTRISCHE MASCHINE

Title (fr)

ÉLÉMENT D'UNE MACHINE ÉLECTRIQUE COMPORTANT UNE FIXATION ET UN AIMANT PERMANENT, LE COMPOSANT COMPORTANT AU MOINS UN ÉLÉMENT ET UNE MACHINE ÉLECTRIQUE

Publication

**EP 2870680 A2 20150513 (DE)**

Application

**EP 13753267 A 20130703**

Priority

- DE 102012105992 A 20120704
- DE 2013100246 W 20130703

Abstract (en)

[origin: WO2014005580A2] The invention proposes an element of an electrical machine having a holder, which has a first end face with a connecting section for attachment to a rotor hub and has a second end face, and at least one permanent magnet which is magnetized in the circumferential direction of the electrical machine and is inserted into a pocket of the holder, the second end face having a recess in the case of the at least one permanent magnet, so that the magnetic field of the permanent magnet is optimized.

IPC 8 full level

**H02K 1/24** (2006.01); **H02K 1/27** (2006.01); **H02K 1/28** (2006.01)

CPC (source: CN EP)

**H02K 1/2773** (2013.01 - CN EP)

Citation (search report)

See references of WO 2014005580A2

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102012105992 A1 20131107**; CN 104521110 A 20150415; DE 112013003380 A5 20150423; EP 2870680 A2 20150513; HK 1208289 A1 20160226; KR 20150067124 A 20150617; WO 2014005580 A2 20140109; WO 2014005580 A3 20140717

DOCDB simple family (application)

**DE 102012105992 A 20120704**; CN 201380035693 A 20130703; DE 112013003380 T 20130703; DE 2013100246 W 20130703; EP 13753267 A 20130703; HK 15108761 A 20150909; KR 20157003031 A 20130703