

Title (en)

A ROTOR OF A PERMANENT MAGNET ELECTRICAL MACHINE

Title (de)

ROTOR FÜR EINE ELEKTRISCHE PERMANENTMAGNETMASCHINE

Title (fr)

ROTOR D'UNE MACHINE ÉLECTRIQUE À AIMANTS PERMANENTS

Publication

**EP 2896113 A1 20150722 (EN)**

Application

**EP 12758432 A 20120831**

Priority

EP 2012066958 W 20120831

Abstract (en)

[origin: WO2014032725A1] A rotor (1) of a permanent magnet electrical machine (2) comprising two or more magnetic poles (4). The magnetic pole comprises at least two permanent magnets (5) attached to a surface (6) of the rotor (1) facing an air gap (7). The magnetic pole (4) further comprises a flux-drop compensating permanent magnet (8) between two adjacent permanent magnets (5). The flux-drop compensating permanent magnet (8) is attached to the surface (6) of the rotor (1) with an attaching means (9), and the attaching means (9) comprises ferromagnetic material.

IPC 8 full level

**H02K 1/27** (2006.01)

CPC (source: CN EP US)

**H02K 1/278** (2013.01 - CN EP US); **H02K 2213/03** (2013.01 - EP)

Citation (search report)

See references of WO 2014032725A1

Citation (examination)

US 2011221295 A1 20110915 - PAN MINGPAN [CN]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 2012066958 W 20120831**; CN 201280075399 A 20120831; EP 12758432 A 20120831; KR 20157008124 A 20120831