

Title (en)

ROTOR OF A PERMANENT-MAGNET DYNAMOELECTRIC ROTARY MACHINE, AND USE OF SAID MACHINE

Title (de)

LÄUFER EINER PERMANENTERREGTEN DYNAMOELEKTRISCHEN ROTATORISCHEN MASCHINE UND DEREN VERWENDUNG

Title (fr)

ROTOR POUR UNE MACHINE DYNAMOÉLECTRIQUE TOURNANTE EXCITÉE PAR AIMANTS PERMANENTS ET SON UTILISATION

Publication

**EP 3403316 A1 20181121 (DE)**

Application

**EP 17703062 A 20170126**

Priority

- EP 16156724 A 20160222
- EP 2017051664 W 20170126

Abstract (en)

[origin: WO2017144228A1] The invention relates to a rotor (4) of a permanent-magnet dynamoelectric rotary machine (1), comprising a pot-type support unit (5) that has at least one cylindrical wall; permanent magnets (8) are arranged on the outer periphery of the wall of said support unit (5), and substantially axially extending cooling ducts (7) are provided within the wall.

IPC 8 full level

**H02K 1/27** (2006.01); **H02K 1/30** (2006.01); **H02K 1/32** (2006.01); **H02K 9/06** (2006.01)

CPC (source: EP RU US)

**H02K 1/27** (2013.01 - RU); **H02K 1/278** (2013.01 - EP RU US); **H02K 1/30** (2013.01 - EP); **H02K 1/32** (2013.01 - EP RU US); **H02K 9/06** (2013.01 - RU US)

Citation (search report)

See references of WO 2017144228A1

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)

**EP 3208913 A1 20170823**; CN 108702046 A 20181023; EP 3403316 A1 20181121; RU 2698323 C1 20190826; US 2021194303 A1 20210624; WO 2017144228 A1 20170831

DOCDB simple family (application)

**EP 16156724 A 20160222**; CN 201780011101 A 20170126; EP 17703062 A 20170126; EP 2017051664 W 20170126; RU 2018130427 A 20170126; US 201716078456 A 20170126