



- (51) **International Patent Classification:**
H02K 21/22 (2006.01) H02K 1/14 (2006.01)
- (21) **International Application Number:**
PCT/EP2013/062870
- (22) **International Filing Date:**
20 June 2013 (20.06.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
12172861.2 21 June 2012 (21.06.2012) EP
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- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,

DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) **Date of publication of the international search report:**
24 December 2014

(54) **Title:** NEW DEVICE

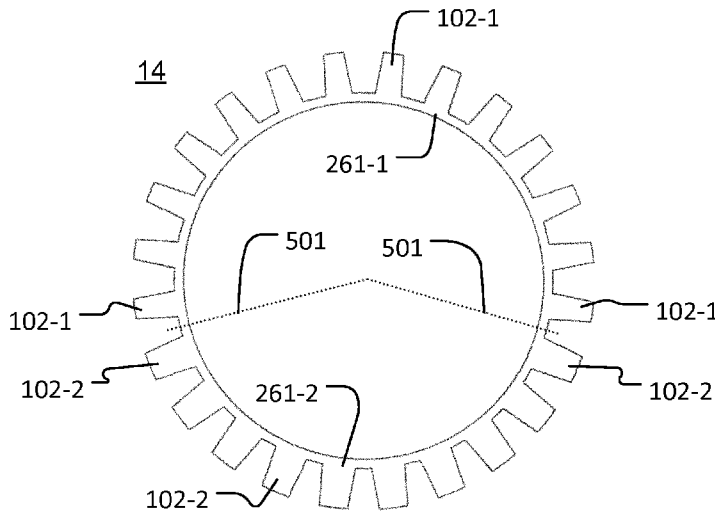


FIG. 5

(57) **Abstract:** A stator core component for a stator of a modulated pole machine, the modulated pole machine comprising the stator and a rotor, the stator and the rotor defining an air gap between respective interface surfaces of the rotor the stator for communicating magnetic flux between the stator and the rotor, wherein the stator core component comprises an annular part from which a plurality of teeth extend in a radial direction towards the rotor, the teeth being arranged along a circumference of the annular part, each tooth having an interface surface facing the air gap and adapted to allow magnetic flux to communicate between the stator and the rotor via the air gap, the interface surface of each tooth defining a tooth span in the circumferential direction of the tooth; wherein the stator core component comprises at least a first subset of teeth having a first tooth span and a second subset of teeth having a second tooth span, different from the first tooth span.

WO 2013/190037 A3

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2013/062870

A. CLASSIFICATION OF SUBJECT MATTER
INV. H02K21/22 H02K1/14
ADD.
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
H02K
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2006 149053 A (OKUMA CORP) 8 June 2006 (2006-06-08)	1-4, 7-11,13, 14
Y	paragraphs [0020], [0030] - [0066], [0074]; figures 1-6	6,12,15
X	US 2009/134733 A1 (MATSUBARA MASAOKI [JP] ET AL) 28 May 2009 (2009-05-28) figures 1,4	1,5
Y	US 2011/169365 A1 (CALLEY DAVID G [US] ET AL) 14 July 2011 (2011-07-14) paragraphs [0064], [0102]; figure 4	6,12,15

Further documents are listed in the continuation of Box C.

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Date of the actual completion of the international search

28 October 2014

Date of mailing of the international search report

03/11/2014

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2013/062870

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		WO 2011115632 A1	22-09-2011
