

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number
WO 2004/001933 A3

(51) International Patent Classification⁷: **H02K 17/28**,
17/30, H02P 1/44, 7/622

(21) International Application Number:
PCT/US2003/020009

(22) International Filing Date: 24 June 2003 (24.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0207820000 25 June 2002 (25.06.2002) FR

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

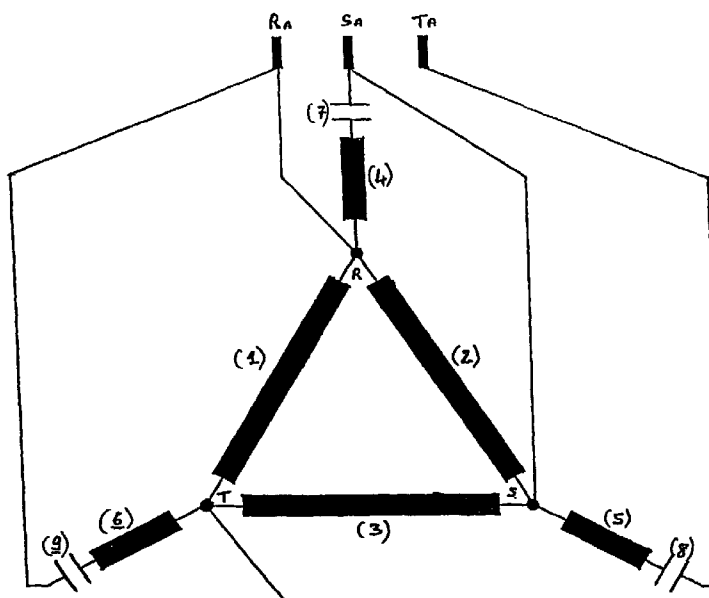
(84) Designated States (*regional*): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

Published:
— with international search report

(88) Date of publication of the international search report:
18 March 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MOTOR WITH DE-SATURATION WINDING



(57) Abstract: This invention relates to an alternating current electric motor, single phase or multiphase or synchronous generator, with primary windings (main windings) and de-saturation additional windings. Each additional winding is fed through one or more multiple capacitors in opposite phase angle and opposite field directions from each respective main windings. The total cross sections of the wire used on each main and additional winding are of predetermined sizes and preferably follows the approximate ratio of approximately 2/3 for the main winding and approximately 1/3 for the additional winding, and this capacitor value is of a predetermined size. The method of construction is characterized by the two windings being built at one time in a single operation as a single step.



WO 2004/001933 A3