



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁶ :

H02K 17/06

A1

(11) International Publication Number:

WO 99/63645

(43) International Publication Date:

9 December 1999 (09.12.99)

(21) International Application Number: PCT/US99/11235

(22) International Filing Date: 20 May 1999 (20.05.99)

(30) Priority Data:

09/090,658

4 June 1998 (04.06.98)

US

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(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

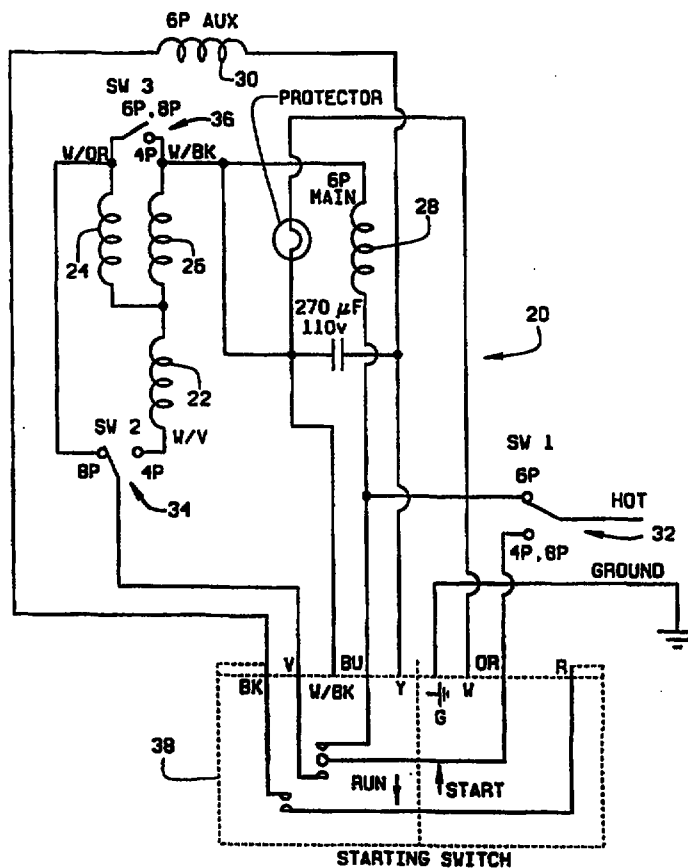
With international search report.

With amended claims.

(54) Title: SINGLE PHASE THREE SPEED MOTOR WITH SHARED WINDINGS

(57) Abstract

A single phase, three-speed Pole-changing electric motor has a stator and a rotor rotatably mounted within the stator. The stator includes a core having a plurality of slots, and a plurality of windings in the slots for operating at least three speeds. The windings are configured and arranged so that a substantial portion of the windings used in operating at one speed are used in operating at another speed. The reconnection of windings for different speeds is simple and easy to implement, for example with an external timer, switch, or relay.



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