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(21) International Application Number: PCT/US98/26744 (22) International Filing Date: 16 December 1998 (16.12.98) (30) Priority Data: 08/991,969 17 December 1997 (17.12.97) US (71) Applicant: EMERSON ELECTRIC CO. [US/US]; 8000 West Florissant Avenue, St. Louis, MO 63136-1415 (US). (72) Inventors: FILLA, John, J.; 1522 Carriage Bridge Trail, Ballwin, MO 63021 (US). MICHAELS, Paul, G.; 1937 St. Christopher Way, Arnold, MO 63010 (US). (74) Agent: WHEELLOCK, Bryan, K.; Suite 1400, 7733 Forsyth Boulevard, St. Louis, MO 63105 (US).		(81) Designated States: 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, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, 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 <i>With international search report.</i> <i>With amended claims.</i>	

(54) Title: MOTOR WITH STRATEGICALLY PLACED CONNECTOR BLOCK

(57) Abstract

An electric motor (20) comprising a stator (22) having a first end (24), a cross-sectional profile, and a connector block (28) mounted on the first end (24) of the stator, substantially entirely within the cross-sectional profile of the stator. The connector block has a plurality of electrical contacts (42) oriented generally transversely outwardly with respect to the stator. An end shield (46) is mounted over the first end of the stator, overlying the top of the connector block. The end shield is spaced sufficiently from the stator in the vicinity of the connector block to allow free access to the electrical contacts of the connector block from the transverse direction.

