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(21) International Application Number: PCT/US98/25278 (22) International Filing Date: 25 November 1998 (25.11.98) (30) Priority Data: 08/979,975 26 November 1997 (26.11.97) US (71) Applicant: EMERSON ELECTRIC CO. [US/US]; 8000 West Florissant Avenue, St. Louis, MO 63136-1415 (US). (72) Inventor: FARGO, Vincent, P.; 1817 Highcrest Drive, St. Louis, MO 63303 (US). (74) Agent: WHEELLOCK, Bryan, K.; Howell & Haferkamp, L.C., 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, GE, GH, GM, HR, HU, ID, IL, 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>
(54) Title: END SHIELD FOR AN ELECTRIC MOTOR, ELECTRIC MOTOR CONSTRUCTION, AND METHOD OF ASSEMBLING AN ELECTRIC MOTOR		
(57) Abstract An end shield (20) for mounting on a stack of the laminations (26) forming the stator (22) of an electric motor. The end shield has an inner face (30) facing the stack, mounting openings (34) alignable with holes extending into the stack, and a spacer (42) on the inner face adjacent at least one of the openings to the space the inner face from the stack so that a threaded fastener (48) extending through the mounting opening and into a hole in the stack can more readily pull material surrounding the hole upwardly to form a protuberance (50) on the stack to engage and resist movement of the end shield relative to the stack. The motor incorporates at least one end shield of this construction. According to the method of this invention, at least one end shield is installed on the stator.		