

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 October 2003 (23.10.2003)

PCT

(10) International Publication Number
WO 03/088448 A2

(51) International Patent Classification⁷: **H02K**
(21) International Application Number: PCT/FI03/00284
(22) International Filing Date: 14 April 2003 (14.04.2003)
(25) Filing Language: Finnish
(26) Publication Language: English

(30) Priority Data:
20020740 17 April 2002 (17.04.2002) FI

(71) Applicant (for all designated States except US): **KONE CORPORATION** [FI/FI]; Kartanontie 1, FIN-00330 Helsinki (FI).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **AULANKO, Esko** [FI/FI]; Käenkuja 6 C 33, FIN-04230 Kerava (FI). **MUSTALAHTI, Jorma** [FI/FI]; Raivaajantie 13, FIN-05620 Hyvinkää (FI). **HUPPUNEN, Jussi** [FI/FI]; Kierniemenraitti 8 B 25, FIN-53850 Lappeenranta (FI).

(74) Agent: **KONE CORPORATION**; Patent Department, P.O. Box 677, FIN-05801 Hyvinkää (FI).

(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, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

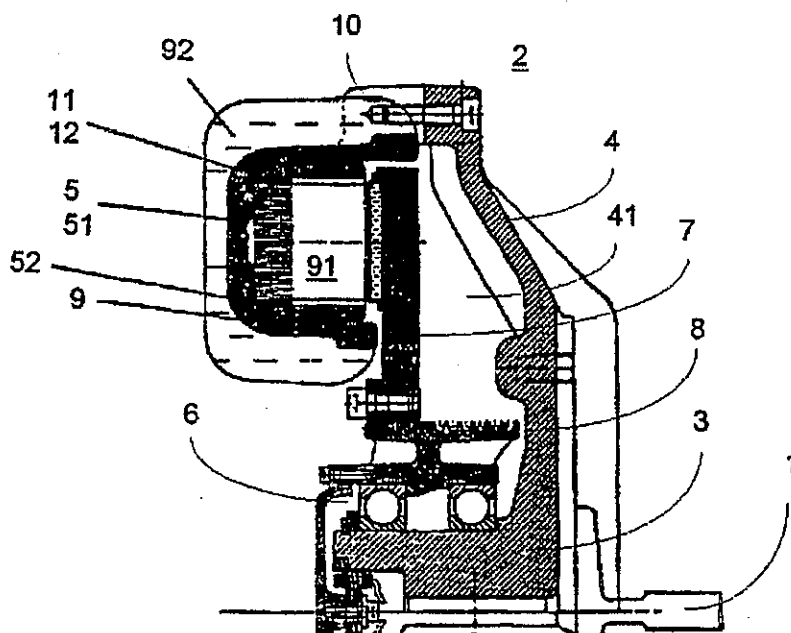
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

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: FASTENING OF THE STATOR OF A FLAT ELEVATOR MOTOR



(57) Abstract: A stator fastening arrangement in a flat elevator motor (2) having a motor body (4) in which are arranged a stator (5) comprising a stator core (51) and a winding (52), and a rotor (7) fitted in conjunction with the stator. The stator (5) is fitted within a substantially trough-like mounting part (9) fastened to the motor body (4), and the space between the mounting part (9) and the stator (5) is filled with a thermally conductive filling material (12) serving to conduct heat from the stator to the mounting part (9).