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| <b>(71) Applicant:</b> <b>KONE CORPORATION</b> [FI/FI]; Kartanontie 1, FI-00330 Helsinki (FI).                                                                                                                                                                                                                                                                                                                                         | <b>(84) Designated States</b> ( <i>unless otherwise indicated, for every kind of regional protection available</i> ): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,                                                                                                                                                                                                    |
| <b>(72) Inventors:</b> <b>KATTAINEN, Ari</b> ; Tiilitehtaantie 9, FI-05830 Hyvinkää (FI). <b>RAASSINA, Pasi</b> ; Rännimäentie 68, FI-04660 Numminen (FI). <b>SAARIKOSKI, Tapio</b> ; Pikku-lukontie 3 D 43, FI-05830 Hyvinkää (FI). <b>STOLT, Lauri</b> ; Haagan urheilutie 13 A 16, FI-00320 Helsinki (FI). <b>NAKARI, Arto</b> ; Kynnöste 6, FI-05810 Hyvinkää (FI). <b>KALLIONIEMI, Antti</b> ; Kaaretie 26, FI-05400 Jokela (FI). |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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- (54) Title:** DRIVE DEVICE OF AN ELEVATOR

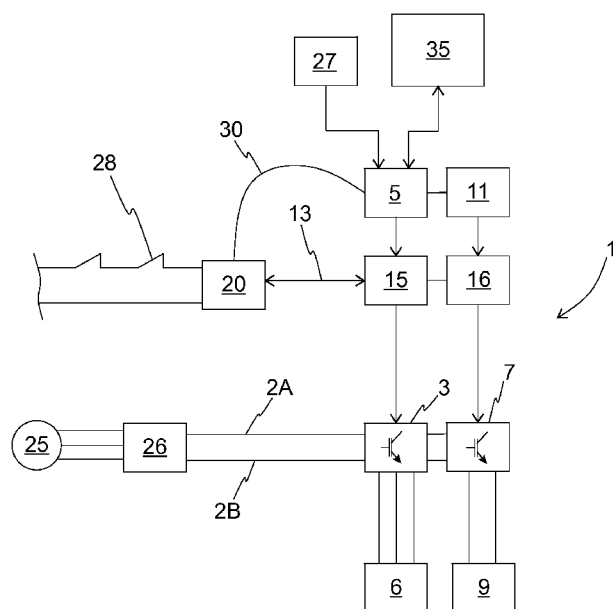


Fig. 1

- (57) Abstract:** The invention relates to the drive device (1) of an elevator. The drive device comprises a DC bus (2A, 2B), a motor bridge (3) connected to the DC bus for the electricity supply of the elevator motor (6), which motor bridge (3) comprises high-side (4A) and low-side (4B) switches for supplying electric power from the DC bus (2 A, 2B) to the elevator motor (6) when driving with the elevator motor (6), and also from the elevator motor (6) to the DC bus (2A, 2B) when braking with the elevator motor (6), a control circuit (5) of the motor bridge, with which control circuit the operation of the motor bridge (3) is controlled by producing control pulses in the control poles of the high-side (4A) and low-side (4B) switches of the motor bridge, a brake controller (7). which comprises a switch (8A, 8B) for supplying electric power, to the control coil (10) of an electromagnetic brake (9), a brake control circuit (11), with which the operation of the brake controller (7) is controlled by producing control pulses in the control pole of the switch (8 A, 8B) of the brake controller, an input circuit (12) for the safety signal (13) to be disconnected/connected from outside the drive device, drive prevention logic (15), which is connected to the input circuit (12) and is configured to prevent the passage of control pulses to the control poles of the high- side (4 A) and/or low-side (4B) switches of the motor bridge when the safety signal (13) is disconnected, and also brake drop-out logic (16), which is connected to the input circuit (12) and is configured to prevent passage of the control pulses to the control pole of the switch (8A, 8B) of the brake controller when the safety signal (13) is disconnected.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,  
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