



(51) International Patent Classification:
B66B 1/24 (2006.01)

(21) International Application Number:
PCT/EP2023/069414

(22) International Filing Date:
13 July 2023 (13.07.2023)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
22185606.5 19 July 2022 (19.07.2022) EP

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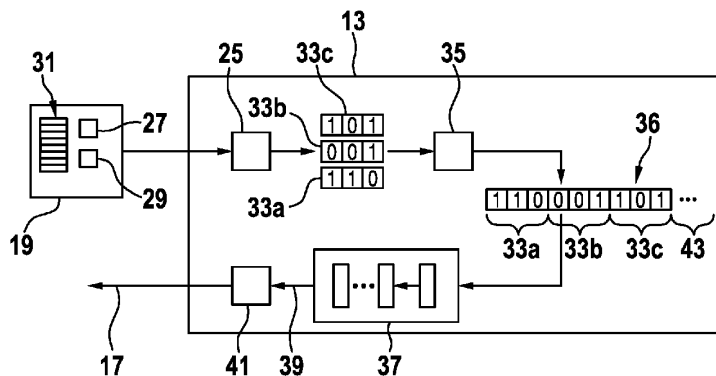
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV,

(54) Title: METHOD FOR CONTROLLING AN ELEVATOR

Fig. 2



(57) Abstract: A method for controlling an elevator (1) using an artificial neural network (37). Input data for the artificial neural network (37) is generated with a method processing sensor data (19) from a sensor system (15) of an elevator (1) comprises: receiving the sensor data at a controller (13) configured to execute an artificial neural network (37) trained to convert input data (36) into at least one output value (39) indicating a possible control command for controlling the elevator, wherein the sensor data includes a current position (27) of a car (7) of the elevator with respect to floors (F0, F1, F2, F3, F4) of a building (3), a current moving direction (29) of the car and a list (31) of current calls indicating floors at which the car should stop; converting the current calls into a set of arrays (33a, 33b, 33c) using the current position and the current moving direction, wherein each array stores variables indicating floors at which the car should stop during a trip in one direction to the lowest floor (F0) or highest floor (F2, F4) of the building, wherein the number of arrays is a function of the number of trips required for the car to fulfil the current calls; generating the input data by concatenating the arrays.

GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, 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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

Published:

— *with international search report (Art. 21(3))*