

Title (en)
ELEVATOR CONTROLLER

Title (de)
AUFZUGSSTEUERUNG

Title (fr)
ORGANE DE COMMANDE D'ASCENSEUR

Publication
EP 1538121 A4 20110330 (EN)

Application
EP 02765482 A 20020911

Priority
JP 0209267 W 20020911

Abstract (en)
[origin: EP1538121A1] In an elevator control device there is a plurality of hoisting machines (9) provided apart from each other. Main ropes (13) are engaged to the car (2) and are passed around the corresponding hoisting machines (9), and the car (2) is driven to ascend and descend. The tension of each main rope (13) at a standstill of the car (2) before start is detected, and the car (2) is driven to ascend and descend by increasing or decreasing the outputs of the corresponding hoisting machines (9) in accordance with the above-mentioned detected values. Thus, even in the case where the load is unevenly loaded in the car (2) and the tensions of the main ropes (13) differ, the hoisting machines (9) drive the car (2) with suitable outputs, so the car (2) does not incline. <IMAGE>

IPC 1-7
B66B 1/44; **B66B 5/02**; **B66B 7/06**

IPC 8 full level
B66B 1/28 (2006.01); **B66B 1/44** (2006.01); **B66B 5/02** (2006.01); **B66B 7/06** (2006.01)

CPC (source: EP KR)
B66B 1/285 (2013.01 - EP); **B66B 1/44** (2013.01 - EP KR); **B66B 5/02** (2013.01 - KR); **B66B 7/06** (2013.01 - KR)

Citation (search report)

- [E] EP 1486451 A1 20041215 - MITSUBISHI ELECTRIC CORP [JP]
- [X] JP H0570055 A 19930323 - MITSUBISHI ELECTRIC CORP
- [X] CA 1036080 A 19780808 - GEN ELECTRIC CANADA
- See references of WO 2004024609A1

Cited by
EP1918239A4; EP3016899A4; US7775326B2; FR2917375A1; US11261055B2; US8360364B2; WO2009004218A1

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