

Title (en)  
CONTROL DEVICE FOR ELEVATOR

Title (de)  
STEUERVORRICHTUNG FÜR AUFZUG

Title (fr)  
DISPOSITIF DE COMMANDE POUR ASCENSEUR

Publication  
**EP 2457861 A1 20120530 (EN)**

Application  
**EP 09847541 A 20090721**

Priority  
JP 2009063034 W 20090721

Abstract (en)  
Provided is an elevator device with high convenience including two or more electromagnetic brakes, which prevents a passenger(s) from being trapped in a car as much as possible. The elevator device includes: a plurality of electromagnetic brakes; a plurality of brake switches for individually detecting an open state and a closed state; a door-opening zone detector; and a control section for outputting and interrupting brake release commands to perform opening and closing control for the plurality of electromagnetic brakes and for outputting a door-opening command and a door-closing command based on results of detection of the door-opening zone detector to perform opening and closing control for a door, in which, in a case where a state in which a closed state of at least one of the plurality of brake switches cannot be detected occurs even though brake close commands are output after landing, when it is detected that at least a predetermined number of the plurality of brake switches is in the closed state, the control device outputs the door-closing command after outputting the door-opening command for a predetermined time and then stops service of the elevator.

IPC 8 full level  
**B66B 5/02** (2006.01); **B66B 13/14** (2006.01)

CPC (source: EP KR)  
**B66B 1/24** (2013.01 - KR); **B66B 5/02** (2013.01 - KR); **B66B 5/027** (2013.01 - EP)

Cited by  
JP2019167215A; EP4095080A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2457861 A1 20120530**; **EP 2457861 A4 20150617**; **EP 2457861 B1 20160817**; CN 102471020 A 20120523; CN 102471020 B 20141029; JP 5265009 B2 20130814; JP WO2011010356 A1 20121227; KR 20120014003 A 20120215; WO 2011010356 A1 20110127

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**EP 09847541 A 20090721**; CN 200980160377 A 20090721; JP 2009063034 W 20090721; JP 2011523498 A 20090721; KR 20117027930 A 20090721