

Title (en)  
ELEVATOR DEVICE

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ASCENSEUR

Publication  
**EP 2514703 A4 20170913 (EN)**

Application  
**EP 09852262 A 20091215**

Priority  
JP 2009070890 W 20091215

Abstract (en)  
[origin: EP2514703A1] There is provided an elevator apparatus that can control a motor power supply relay or the like even if a brake control device fails. To this end, the elevator apparatus includes: a relay having a function of blocking supply of electric power to a motor or a brake of an elevator; a driver that drives the relay; an operation control device that outputs a control signal to the driver; a brake control device that outputs a control signal according to a control signal output from the operation control device in normal time, and outputs a control signal independent of the control signal output from the operation control device in an emergency stop of the elevator; and a switching device that receives as an input the control signal output from the operation control device and the control signal output from the brake control device, and that switches the control signal to be output to the driver from the control signal output from the brake control device to the control signal output from the operation control device when the brake control device fails.

IPC 8 full level  
**B66B 5/02** (2006.01); **B66B 1/32** (2006.01)

CPC (source: EP KR)  
**B66B 1/32** (2013.01 - EP KR); **B66B 5/02** (2013.01 - EP KR); **B66B 5/027** (2013.01 - EP)

Citation (search report)

- [A] EP 1852382 A1 20071107 - MITSUBISHI ELECTRIC CORP [JP]
- [A] EP 2125591 A1 20091202 - KONE CORP [FI]
- [A] JP 2002037545 A 20020206 - MATSUSHITA ELECTRIC WORKS LTD
- [A] JP 2006306517 A 20061109 - MITSUBISHI ELECTRIC CORP
- [A] WO 2009107218 A1 20090903 - MITSUBISHI ELECTRIC CORP [JP], et al
- See references of WO 2011074068A1

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 2514703 A1 20121024; EP 2514703 A4 20170913; EP 2514703 B1 20180905**; CN 102712444 A 20121003; CN 102712444 B 20141029; JP 5360231 B2 20131204; JP WO2011074068 A1 20130425; KR 101338843 B1 20131206; KR 20120049293 A 20120516; WO 2011074068 A1 20110623

DOCDB simple family (application)  
**EP 09852262 A 20091215**; CN 200980161880 A 20091215; JP 2009070890 W 20091215; JP 2011545874 A 20091215; KR 20127004743 A 20091215