

Title (en)
ELEVATOR APPARATUS

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
ASCENSEUR

Publication
EP 2147883 A1 20100127 (EN)

Application
EP 07744009 A 20070524

Priority
JP 2007060575 W 20070524

Abstract (en)
In an elevator apparatus, a brake control device comprises: a first brake control portion for operating a brake device upon detection of an abnormality to stop a car as an emergency measure; and a second brake control portion for reducing a braking force of the brake device when a deceleration of the car becomes equal to or higher than a threshold value at a time of an emergency braking operation of the first brake control portion. The second brake control portion includes a first calculation portion and a second calculation portion, each independently executing an operation of reducing the braking force of the brake device by calculation processing. The threshold value is set in the first calculation portion to vary according to a car position, and the threshold value is set in the second calculation portion as in a case of the first calculation portion.

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

CPC (source: EP KR)
B66B 1/24 (2013.01 - KR); **B66B 1/30** (2013.01 - KR); **B66B 1/32** (2013.01 - EP KR); **B66B 5/02** (2013.01 - EP); **B66B 5/04** (2013.01 - KR)

Cited by
US2020283261A1; US9457987B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2147883 A1 20100127; **EP 2147883 A4 20131218**; **EP 2147883 B1 20171129**; CN 101663218 A 20100303; CN 101663218 B 20130320; JP 5111502 B2 20130109; JP WO2008142790 A1 20100805; KR 101121343 B1 20120309; KR 20100004999 A 20100113; WO 2008142790 A1 20081127

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