

Title (en)  
ELEVATOR APPARATUS

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
APPAREIL ASCENSEUR

Publication  
**EP 2058261 A1 20090513 (EN)**

Application  
**EP 06833965 A 20061205**

Priority  
JP 2006324210 W 20061205

Abstract (en)  
In an elevator apparatus, a car is raised and lowered by a plurality of hoisting machines. Braking apparatuses are disposed on the respective hoisting machines. The braking apparatuses are controlled individually by respective brake controlling means. The respective brake controlling means detect states of rotation of the respective hoisting machines during emergency braking, and control braking forces from the respective braking apparatuses in response to the detected states of rotation.

IPC 8 full level  
**B66B 1/32** (2006.01); **B66B 1/28** (2006.01); **B66B 5/02** (2006.01); **B66B 7/06** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP KR)  
**B66B 1/32** (2013.01 - EP KR); **B66B 5/02** (2013.01 - EP KR); **B66B 7/06** (2013.01 - KR); **B66B 9/00** (2013.01 - EP); **B66B 11/08** (2013.01 - KR)

Cited by  
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Designated contracting state (EPC)  
DE

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 2058261 A1 20090513**; **EP 2058261 A4 20130417**; **EP 2058261 B1 20180307**; CN 101522553 A 20090902; CN 101522553 B 20120201; JP 5172695 B2 20130327; JP WO2008068839 A1 20100311; KR 101080601 B1 20111104; KR 20090057084 A 20090603; WO 2008068839 A1 20080612

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**EP 06833965 A 20061205**; CN 200680056089 A 20061205; JP 2006324210 W 20061205; JP 2008548128 A 20061205; KR 20097006786 A 20061205