

Title (en)  
ELEVATOR DEVICE

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
SYSTÈME D'ASCENSEUR

Publication  
**EP 1997764 B2 20220629 (EN)**

Application  
**EP 06729398 A 20060317**

Priority  
JP 2006305409 W 20060317

Abstract (en)  
[origin: EP1997764A1] In an elevator apparatus, a brake device stops a car from running. The brake device has a brake control portion for controlling a braking force generated at a time of emergency braking to adjust a deceleration of the car, and a timer circuit for invalidating the control of the braking force performed by the brake control portion after a lapse of a predetermined time from a moment when an emergency braking command is generated.

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

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

Citation (opposition)  
Opponent :

- EP 1852382 A1 20071107 - MITSUBISHI ELECTRIC CORP [JP]
- GB 190605003 A 19060524 - OTIS ELEVATOR COMPANY LTD [GB]
- WO 2005040027 A1 20050506 - OTIS ELEVATOR CO [US], et al
- JP H0256391 A 19900226 - MITSUBISHI ELECTRIC CORP

Cited by  
WO2016156658A1; EP1997765A4; US9457987B2; US11542118B2

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 1997764 A1 20081203; EP 1997764 A4 20130102; EP 1997764 B1 20180228; EP 1997764 B2 20220629**; CN 101128379 A 20080220; CN 101128379 B 20110914; EP 2765107 A1 20140813; EP 2765107 B1 20150311; JP 5117845 B2 20130116; JP WO2007108069 A1 20090730; KR 100962910 B1 20100610; KR 20080003771 A 20080108; WO 2007108069 A1 20070927

DOCDB simple family (application)  
**EP 06729398 A 20060317**; CN 200680005309 A 20060317; EP 14163836 A 20060317; JP 2006305409 W 20060317; JP 2007503733 A 20060317; KR 20077017700 A 20060317