

Title (en)  
Emergency braking system for an elevator

Title (de)  
Notfallbremssystem für einen Aufzug

Title (fr)  
Systèmes de freinage d'urgence pour ascenseur

Publication  
**EP 2258650 A3 20101222 (EN)**

Application  
**EP 10177854 A 20040430**

Priority  
• EP 04730711 A 20040430  
• JP 2004006325 W 20040430

Abstract (en)  
[origin: EP1780160A1] A control device stores, in correspondence with the position of a car, an overspeed setting level that is set to become smaller in the vicinity of a terminal end portion of a hoistway toward the terminal end portion. When the detected speed of the car exceeds the overspeed setting level at the position of the car as detected by an encoder, an activation signal is outputted from the control device. Emergency braking is applied on the car as a brake device or a safety device is activated upon the input of the activation signal. The control device is electrically connected with a display that displays the position of the car obtained based on information from the encoder, and the value of the overspeed setting level at that position of the car.

IPC 8 full level  
**B66B 5/04** (2006.01); **B66B 3/00** (2006.01); **B66B 5/06** (2006.01); **B66B 5/22** (2006.01); **B66B 15/00** (2006.01)

CPC (source: EP)  
**B66B 5/048** (2013.01); **B66B 5/06** (2013.01); **B66B 5/22** (2013.01)

Citation (search report)  
[A] US 2004079591 A1 20040429 - MUELLER WOLFGANG T [DE]

Cited by  
EP3505481A1; CN109969898A; US11192753B2; US11066274B2; US10654686B2

Designated contracting state (EPC)  
DE FR NL

DOCDB simple family (publication)  
**EP 1780160 A1 20070502**; **EP 1780160 A4 20100106**; **EP 1780160 B1 20111228**; CN 100443392 C 20081217; CN 1802306 A 20060712; EP 2258650 A2 20101208; EP 2258650 A3 20101222; EP 2258650 B1 20120822; JP 4566994 B2 20101020; JP WO2005105649 A1 20071213; WO 2005105649 A1 20051110

DOCDB simple family (application)  
**EP 04730711 A 20040430**; CN 200480015618 A 20040430; EP 10177854 A 20040430; JP 2004006325 W 20040430; JP 2006519142 A 20040430