

Title (en)

Elevator apparatus and safety device for an elevator

Title (de)

Aufzugvorrichtung und Sicherheitsvorrichtung für einen Aufzug

Title (fr)

Appareil d'ascenseur et dispositif de sécurité pour un ascenseur

Publication

EP 2522614 A1 20121114 (EN)

Application

EP 12180047 A 20040317

Priority

- EP 04721325 A 20040317
- JP 0303263 W 20030318

Abstract (en)

In an elevator apparatus, an output portion is electrically connected to a car speed sensor that detects the speed of a car. Mounted to the car is a safety device capable of braking the car. The output portion outputs an actuation signal to the safety device when the speed of the car as detected by the car speed sensor has reached a set overspeed. The safety device is actuated upon input of the actuation signal, thus braking the car.

IPC 8 full level

B66B 5/06 (2006.01); **B66B 5/02** (2006.01); **B66B 5/18** (2006.01)

CPC (source: EP KR)

B66B 5/04 (2013.01 - KR); **B66B 5/06** (2013.01 - EP); **B66B 5/16** (2013.01 - KR); **B66B 5/18** (2013.01 - EP)

Citation (applicant)

JP 2001080840 A 20010327 - TOSHIBA ELEVATOR CO LTD, et al

Citation (search report)

- [XA] WO 0039016 A1 20000706 - OTIS ELEVATOR CO [US]
- [X] WO 0037348 A1 20000629 - OTIS ELEVATOR CO [US]
- [X] WO 0058195 A1 20001005 - OTIS ELEVATOR CO [US]

Cited by

CN105836566A

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

EP 1604935 A1 20051214; EP 1604935 A4 20110713; EP 1604935 B1 20161130; CN 101229892 A 20080730; CN 101229892 B 20110406; CN 101229893 A 20080730; CN 101229893 B 20120404; CN 1701033 A 20051123; CN 1701033 B 20100512; EP 2522614 A1 20121114; EP 2522615 A1 20121114; JP 4607011 B2 20110105; JP WO2004083091 A1 20060622; KR 100752886 B1 20070828; KR 20050072781 A 20050712; WO 2004083090 A1 20040930; WO 2004083091 A1 20040930

DOCDB simple family (application)

EP 04721325 A 20040317; CN 200480001100 A 20040317; CN 200810082573 A 20040317; CN 200810082574 A 20040317; EP 12180047 A 20040317; EP 12180048 A 20040317; JP 0303263 W 20030318; JP 2004003557 W 20040317; JP 2005503714 A 20040317; KR 20057007777 A 20050502