

Title (en)  
BRAKE SYSTEM FOR ELEVATOR

Title (de)  
BREMSSYSTEM FÜR AUFZUG

Title (fr)  
SYSTEME DE FREIN POUR ASCENSEUR

Publication  
**EP 1953107 B1 20140115 (EN)**

Application  
**EP 05809480 A 20051121**

Priority  
JP 2005021362 W 20051121

Abstract (en)  
[origin: EP1953107A1] A brake device can perform a plurality of different braking operations. When the brake device performs each of the braking operations, a car is thereby braked. The car is mounted with an safety gear for preventing the car from falling. The safety gear is operated when a speed of the car reaches an emergency stop overspeed. A plurality of overspeed levels corresponding to the braking operations, respectively, and being values lower than the emergency stop overspeed are set in a safety device based on a position of the car. When the speed of the car reaches each of the overspeed levels, the safety device causes the brake device to perform one of the braking operations which corresponds to the overspeed level reached by the speed of the car.

IPC 8 full level  
**B66B 5/02** (2006.01); **B66B 1/32** (2006.01); **B66B 1/34** (2006.01); **B66B 5/04** (2006.01); **B66B 5/06** (2006.01); **B66B 5/14** (2006.01)

CPC (source: EP KR)  
**B66B 1/32** (2013.01 - KR); **B66B 1/3492** (2013.01 - EP); **B66B 5/02** (2013.01 - KR); **B66B 5/04** (2013.01 - EP KR); **B66B 5/06** (2013.01 - EP); **B66B 5/14** (2013.01 - KR); **B66B 5/18** (2013.01 - EP)

Cited by  
EP3354611A1; AU2018200294B2; EP3960673A1; CN114104911A; EP3556698A1; US11040848B2; US10207896B2; WO2011086230A1; WO2015078859A1; EP2526041B1

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
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