Title (en)
  ELEVATOR APPARATUS

Title (de)
  AUFZUGSVORRICHTUNG

Title (fr)
  ASCENSEUR

Publication
  EP 1864936 A4 20120711 (EN)

Application
  EP 05727783 A 20050330

Priority
  JP 2005006109 W 20050330

Abstract (en)
  [origin: EP1864936A1] In an elevator apparatus, the operation of a car is controlled by an operation control portion. A speed of the car is monitored
  by an overspeed monitoring portion, which is separated from the operation control portion. The overspeed monitoring portion detects a position
  of the car and a speed of the car, and compares an overspeed, which has been set in accordance with the position of the car, with the speed
  of the car. The overspeed monitoring portion also generates a braking command signal for stopping the car when the speed of the car reaches
  an overspeed. In addition, the overspeed monitoring portion sets the overspeed independently from the operation control portion, and sets the
  overspeed differently depending on a running direction of the car when the car is located in the vicinity of a terminal floor.

IPC 8 full level
  B66B 5/06 (2006.01)

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

Citation (search report)
  • [A] EP 1431229 A1 20040623 - MITSUBISHI ELECTRIC CORP [JP]
  • [A] WO 2004076326 A1 20040910 - MITSUBISHI ELECTRIC CORP [JP]
  • [A] WO 2004028947 A1 20040408 - MITSUBISHI ELECTRIC CORP [JP] & EP 1621507 A1 20060201 - MITSUBISHI ELECTRIC CORP [JP] &
    DE 10392710 T5 20050915 - MITSUBISHI ELECTRIC CORP [JP]
  • See references of WO 2006103768A1

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  US10124987B2

Designated contracting state (EPC)
  DE ES FR PT

DOCDB simple family (publication)
  EP 1864936 A1 20071212; **EP 1864936 A4 20120711**; **EP 1864936 B1 20141001**; CN 1950287 A 20070418; CN 1950287 B 20110511;
  ES 2520866 T3 20141111; JP 4896873 B2 20120314; JP WO2006103768 A1 20080904; KR 100969047 B1 20100709;
  KR 20090010253 A 20090129; WO 2006103768 A1 20061005

DOCDB simple family (application)
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  JP 2007510292 A 20050330; KR 20097000292 A 20050330