

Title (en)  
ELEVATOR CONTROL DEVICE

Title (de)  
AUFZUGSSTEUERVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE D'UN ASCENSEUR

Publication  
**EP 1731466 A4 20091104 (EN)**

Application  
**EP 04724134 A 20040329**

Priority  
JP 2004004442 W 20040329

Abstract (en)  
[origin: EP1731466A1] In an elevator control apparatus, the speed of a car in traveling at a constant speed and the acceleration/deceleration speeds of the car in traveling with accelerating/decelerating are changed in accordance with a loading weight of the car. The elevator control apparatus is provided with a restrictive condition setting portion. The restrictive condition setting portion imposes restrictions on at least one of the speed of the car and the acceleration/deceleration speeds of the car so as to prevent a component of an elevator from being overloaded.

IPC 8 full level  
**B66B 1/30** (2006.01); **B66B 1/20** (2006.01)

CPC (source: EP)  
**B66B 1/20** (2013.01); **B66B 1/285** (2013.01); **B66B 1/30** (2013.01)

Citation (search report)

- [XAY] US 5894910 A 19990420 - SUUR-ASKOLA SEPPO [FI], et al
- [Y] US 6619434 B1 20030916 - SMITH RORY STEPHEN [US], et al
- [X] FR 2115165 A7 19720707 - DEMAG AG
- [X] WO 9616892 A1 19960606 - KONE OY [FI], et al
- See references of WO 2005092764A1

Cited by  
DE112012002180B4; EP2576406A4; EP2576406B1; EP2558394B1

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 1731466 A1 20061213; EP 1731466 A4 20091104; EP 1731466 B1 20120425**; CN 1902116 A 20070124; CN 1902116 B 20120404; JP WO2005092764 A1 20080214; WO 2005092764 A1 20051006

DOCDB simple family (application)  
**EP 04724134 A 20040329**; CN 200480039519 A 20040329; JP 2004004442 W 20040329; JP 2006511378 A 20040329