

Title (en)
ELEVATOR CONTROL SYSTEM

Title (de)
AUFZUGSSTEUERSYSTEM

Title (fr)
SYSTEME DE CONTROLE L'ELEVATEUR

Publication
EP 1728752 A4 20091111 (EN)

Application
EP 04723705 A 20040326

Priority
JP 2004004256 W 20040326

Abstract (en)
[origin: EP1728752A1] Provided is an elevator control system which changes a maximum speed and acceleration of a car according to a load weight in the car. The elevator control system includes a motor control unit for controlling operation of a motor unit in response to weight loaded in the car and an abnormal condition detecting unit for detecting an abnormal condition of an elevator. In a case where the car travels while the maximum speed and acceleration are increased, when an abnormal condition is detected by the abnormal condition detecting unit, the operation mode of the motor control unit is switched from a normal condition mode to an abnormal condition mode.

IPC 8 full level
B66B 5/02 (2006.01); **B66B 1/18** (2006.01); **B66B 1/30** (2006.01)

CPC (source: EP)
B66B 1/285 (2013.01); **B66B 1/30** (2013.01); **B66B 1/3476** (2013.01)

Citation (search report)

- [DY] DE 10296269 T5 20040304 - MITSUBISHI ELECTRIC CORP [JP]
- [Y] JP H07228444 A 19950829 - HITACHI LTD, et al
- [Y] JP H07330231 A 19951219 - HITACHI LTD
- [Y] JP 2002003091 A 20020109 - TOSHIBA F A SYSTEM ENG, et al & JP 2003238037 A 20030827 - MITSUBISHI ELECTRIC CORP & DATABASE WPI Section PQ Week 199543, Derwent World Patents Index; Class Q38, AN 332399 & DATABASE WPI Section PQ Week 199614, Derwent World Patents Index; Class Q38, AN 132024 & DATABASE WPI Section PQ Week 200222, Derwent World Patents Index; Class Q38, AN 168758
- See references of WO 2005092769A1

Cited by
EP1918237A4; EP2292546A1; CN103754718A

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1728752 A1 20061206; EP 1728752 A4 20091111; EP 1728752 B1 20110601; CN 1918061 A 20070221; CN 1918061 B 20110720; JP 4896711 B2 20120314; JP WO2005092769 A1 20080214; WO 2005092769 A1 20051006

DOCDB simple family (application)
EP 04723705 A 20040326; CN 200480041841 A 20040326; JP 2004004256 W 20040326; JP 2006511366 A 20040326