

Title (en)
ELEVATOR CONTROLLER

Title (de)
AUFZUGSSTEUERUNG

Title (fr)
CONTRÔLEUR D'ÉLÉVATEUR

Publication
EP 1749785 A4 20100317 (EN)

Application
EP 04735104 A 20040527

Priority
JP 2004007647 W 20040527

Abstract (en)
[origin: EP1749785A1] In an elevator apparatus, the traveling speed of a car is monitored by a speed monitoring portion. The speed monitoring portion generates an abnormality detection signal when the speed of the car being raised reaches a set overspeed that is set in advance. The car is mounted with an upward movement safety device for stopping the upward movement of the car when the abnormality detection signal is generated. The upward movement safety device has an actuator that is driven depending on whether or not the abnormality detection signal is generated, and a braking member that is operated by the actuator.

IPC 8 full level
B66B 5/18 (2006.01); **B66B 5/06** (2006.01)

CPC (source: EP)
B66B 5/06 (2013.01); **B66B 5/22** (2013.01)

Citation (search report)

- [XAY] WO 03070615 A1 20030828 - JUNG INSOOK [KR]
- [Y] JP 2003104648 A 20030409 - MITSUBISHI ELECTRIC CORP
- [Y] EP 0648703 A1 19950419 - INVENTIO AG [CH]
- [E] EP 1749784 A1 20070207 - MITSUBISHI ELECTRIC CORP [JP] & EP 1431229 A1 20040623 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2005115905A1

Cited by
EP3225578A1; US11104545B2; US9850094B2; WO2013092239A1; US11787663B1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1749785 A1 20070207; EP 1749785 A4 20100317; EP 1749785 B1 20120104; CN 100455502 C 20090128; CN 1795138 A 20060628; JP WO2005115905 A1 20080327; WO 2005115905 A1 20051208

DOCDB simple family (application)
EP 04735104 A 20040527; CN 200480014289 A 20040527; JP 2004007647 W 20040527; JP 2006519179 A 20040527