

Title (en)
EMERGENCY STOP DEVICE FOR ELEVATOR

Title (de)
NOTSTOPP-VORRICHTUNG FÜR AUFZUG

Title (fr)
DISPOSITIF D'ARRET D'URGENCE POUR ASCENSEUR

Publication
EP 1748017 A4 20100127 (EN)

Application
EP 04734136 A 20040520

Priority
JP 2004007225 W 20040520

Abstract (en)
[origin: EP1748017A1] A pair of car guide rails for guiding a car are disposed in a hoistway. The car has a cage and a car frame supporting the cage. A pair of rail pinching portions are mounted to the car frame. Each rail pinching portion has a wedge capable of coming into and out of contact with each car guide rail, and an actuating mechanism for pressing the wedge against the car guide rail. The respective actuating mechanisms are actuated independently from each other. The respective rail pinching portions are arranged so as to sandwich the car therebetween with respect to the horizontal direction.

IPC 8 full level
B66B 5/22 (2006.01)

CPC (source: EP)
B66B 5/22 (2013.01)

Citation (search report)

- [X] EP 0183616 A2 19860604 - OTIS ELEVATOR CO [US]
- [X] WO 03008317 A1 20030130 - MITSUBISHI ELECTRIC CORP [JP], et al
- [X] EP 1323660 A1 20030702 - INVENTIO AG [CH]
- [X] CA 2072187 A1 19931224 - CAMACK DERMOT [CA], et al
- [X] JP 2003509314 A 20030311
- See references of WO 2005113402A1

Cited by
DE102014004356A1; CN102465982A; EP3608276A1; CN110817657A; EP3286123B1

Designated contracting state (EPC)
DE FR NL

DOCDB simple family (publication)
EP 1748017 A1 20070131; EP 1748017 A4 20100127; CN 1791548 A 20060621; CN 1791548 B 20110330; JP 4890246 B2 20120307; JP WO2005113402 A1 20080327; WO 2005113402 A1 20051201

DOCDB simple family (application)
EP 04734136 A 20040520; CN 200480013491 A 20040520; JP 2004007225 W 20040520; JP 2006519169 A 20040520