

Title (en)

Elevator with safety circuit and drive control

Title (de)

Aufzuganlage mit Sicherheitsschaltkreis und Antriebssteuerung

Title (fr)

Ascenseur avec circuit de sécurité et système de commande d'un moteur d'entraînement

Publication

EP 1454866 A3 20060111 (DE)

Application

EP 04004499 A 20040227

Priority

DE 10309655 A 20030306

Abstract (en)

[origin: EP1454866A2] An elevator cabin (12) rises and falls within an elevator shaft (10) powered by a motor (14) that is coupled via a switch (24) operated electrical safety circuit (22) to a control unit (26). The control unit incorporates a micro-controller (28) that, in an emergency, is able to facilitate continued movement of the cabin if it (28) determines that the safety switch (24) is open.

IPC 8 full level

B66B 5/02 (2006.01); **B66B 13/22** (2006.01)

CPC (source: EP)

B66B 5/027 (2013.01); **B66B 13/22** (2013.01)

Citation (search report)

- [XY] WO 0051929 A1 20000908 - OTIS ELEVATOR CO [US]
- [X] US 4898263 A 19900206 - MANSKE BRADLEY W [US], et al
- [Y] US 6364066 B1 20020402 - BOLCH JAMES RICHARD [US], et al
- [A] EP 1004536 A1 20000531 - INVENTIO AG [CH]

Cited by

EP3539913A1; CN110271926A; US11440773B2; WO2013153044A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1454866 A2 20040908; EP 1454866 A3 20060111; DE 10309655 A1 20040916

DOCDB simple family (application)

EP 04004499 A 20040227; DE 10309655 A 20030306