

Title (en)

CONTROL SYSTEM AND CONTROL METHOD FOR AN ELEVATOR

Title (de)

STEUERUNGSSYSTEM UND STEUERUNGSVERFAHREN FÜR EINEN AUZUG

Title (fr)

SYSTÈME ET PROCÉDÉ DE COMMANDE POUR ASCENSEUR

Publication

**EP 3461777 A1 20190403 (EN)**

Application

**EP 17194105 A 20170929**

Priority

EP 17194105 A 20170929

Abstract (en)

The present invention provides a control system (100, 200) for an elevator (150) with a passenger cabin (151, 251), the control system (100, 200) comprising a volume sensor (101) configured to sense the unoccupied volume (102) of the passenger cabin (151, 251), and a control unit (103, 203) coupled to the volume sensor (101) and configured to control the movement of the elevator (150) based on the unoccupied volume (102), wherein the control unit (103, 203) is configured to move the passenger cabin (151, 251) past an externally requested stop (152, 153, 154) if the unoccupied volume (102) is below a predetermined threshold value (104, 204). Further, the present invention provides a respective control method.

IPC 8 full level

**B66B 1/34** (2006.01); **B66B 1/24** (2006.01)

CPC (source: EP)

**B66B 1/2408** (2013.01); **B66B 1/3476** (2013.01); **B66B 2201/222** (2013.01)

Citation (search report)

- [X1] GB 2389415 A 20031210 - ROKE MANOR RESEARCH [GB]
- [XA] WO 2008130392 A1 20081030 - OTIS ELEVATOR CO [US], et al

Cited by

EP3543189A3; CN110282513A; US11667493B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3461777 A1 20190403**; TR 201716452 A2 20190422

DOCDB simple family (application)

**EP 17194105 A 20170929**; TR 201716452 A 20171025