

Title (en)

LIFT WITH ACTUATION MECHANISM THAT IS TO BE ACTIVELY CONTROLLED FOR UNLOCKING LANDING DOORS

Title (de)

AUFZUG MIT AKTIV ZU STEUERNDEN BETÄTIGUNGSMECHANISMUS ZUM ENTRIEGELN VON SCHACHTTÜREN

Title (fr)

ASCENSEUR AVEC MÉCANISME D'ACTIONNEMENT À COMMANDER ACTIVEMENT POUR LE DÉVERROUILLAGE DES PORTES PALIÈRES

Publication

EP 3710392 A1 20200923 (DE)

Application

EP 18796980 A 20181113

Priority

- EP 17202304 A 20171117
- EP 2018080994 W 20181113

Abstract (en)

[origin: WO2019096755A1] The invention relates to a lift (1) which comprises a lift shaft (5) having a plurality of horizontally movable landing doors (7) arranged at different heights, a cabin (3) that is movable vertically in the lift shaft (5), and an actuation mechanism (11) that is to be actively controlled. Each landing door (7) has an unlocking mechanism (13), by means of which the landing door can be locked against opening and unlocked. The actuation mechanism (11) has a sensor system (17), an actuator (19), and a controller (21). The sensor system (17) is designed to identify the position of an actuation element (15) on the unlocking element (13). The controller (21) and the actuator (19) are designed to suitably control the actuator (19) under consideration of the position of the actuation element (15) identified by the sensor system (17) so as to actuate the actuation element (15) in the correct position by means of the actuator (19). The actuation mechanism (11) can be designed in particular with a robot arm (25).

IPC 8 full level

B66B 13/20 (2006.01)

CPC (source: EP)

B66B 13/20 (2013.01)

Citation (search report)

See references of WO 2019096755A1

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)

WO 2019096755 A1 20190523; EP 3710392 A1 20200923; EP 3710392 B1 20210707; ES 2884784 T3 20211213

DOCDB simple family (application)

EP 2018080994 W 20181113; EP 18796980 A 20181113; ES 18796980 T 20181113