

Title (en)

ELEVATOR, ELEVATOR CONTROL METHOD, AND ELEVATOR CONTROL PROGRAM

Title (de)

AUFZUG, AUFZUGSSTEUERUNGSVERFAHREN UND AUFZUGSSTEUERUNGSPROGRAMM

Title (fr)

ASCENSEUR, PROCÉDÉ DE COMMANDE D'ASCENSEUR ET PROGRAMME DE COMMANDE D'ASCENSEUR

Publication

EP 4177204 A4 20240306 (EN)

Application

EP 20943097 A 20200703

Priority

JP 2020026179 W 20200703

Abstract (en)

[origin: EP4177204A1] Provided is an elevator including: a car; a landing control unit that includes a plurality of connection ports to each of which an operation terminal is connected, and is installed in each landing for the car; a control device having a drive control unit that controls traveling of the car on a basis of a signal from the landing control unit; and a return operation input unit that performs an operation for returning an operation mode of the car by the drive control unit from an inspection mode to a normal operation mode, wherein the control device includes a return permission determination unit that permits the drive control unit to return to the normal operation mode when it is determined that a return permission signal is transmitted from the return operation input unit, one of idle ports to which the operation terminals are not connected among the connection ports of the landing control units being set as the return operation input unit.

IPC 8 full level

B66B 5/00 (2006.01); **B66B 1/46** (2006.01)

CPC (source: EP)

B66B 1/46 (2013.01); **B66B 5/0087** (2013.01)

Citation (search report)

- [A] US 6357553 B1 20020319 - VIALONGA EDWARD [US]
- [A] WO 03086935 A1 20031023 - TOSHIBA ELEVATOR KK [JP]
- [A] JP 2006335524 A 20061214 - MITSUBISHI ELEC BUILDING TECHN & DATABASE WPI Week 200702, Derwent World Patents Index; AN 2007-013340
- See also references of WO 2022003947A1

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

DOCDB simple family (publication)

EP 4177204 A1 20230510; **EP 4177204 A4 20240306**; CN 115667113 A 20230131; JP 7420945 B2 20240123; JP WO2022003947 A1 20220106; WO 2022003947 A1 20220106

DOCDB simple family (application)

EP 20943097 A 20200703; CN 202080101535 A 20200703; JP 2020026179 W 20200703; JP 2022532992 A 20200703