

Title (en)

ELEVATOR CAB, ELEVATOR FACILITY AND METHOD FOR OPERATING AN ELEVATOR FACILITY

Title (de)

AUFZUGSKABINE, AUFZUGSANLAGE UND VERFAHREN ZUM BETREIBEN EINER AUFZUGSANLAGE

Title (fr)

CABINE D'ASCENSEUR, INSTALLATION D'ASCENSEUR ET PROCÉDÉ DE FONCTIONNEMENT D'UNE INSTALLATION D'ASCENSEUR

Publication

**EP 3853164 B1 20231220 (DE)**

Application

**EP 19766275 A 20190917**

Priority

- EP 18195960 A 20180921
- EP 2019074852 W 20190917

Abstract (en)

[origin: WO2020058261A1] The invention relates to a lift car (1) having at least one lift door (2), having a door drive (3) for actuating the lift door (2), having a sensor (4) for detecting the motor power of the door drive (3) and having an evaluating unit (5), which determines, based on the motor power detected, whether there is a deviation in the travel profile (6) from a reference travel profile (7). According to the invention, the evaluating unit (5) is designed to determine whether a deviation occurs due to an obstacle in contact with the lift door (2) or due to altered external conditions, particularly due to altered pressure conditions and/or air flow.

IPC 8 full level

**B66B 13/14** (2006.01)

CPC (source: EP US)

**B66B 13/06** (2013.01 - US); **B66B 13/143** (2013.01 - EP US)

Citation (examination)

- JP 2015168519 A 20150928 - TOSHIBA ELEVATOR CO LTD
- KR 20150010592 A 20150128 - MITSUBISHI ELECTRIC CORP [JP], et al
- EP 3339234 A1 20180627 - INVENTIO AG [CH]
- WO 2006074563 A1 20060720 - INVENTIO AG [CH], et al
- US 3822767 A 19740709 - LOWRY J

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)

**WO 2020058261 A1 20200326**; AU 2019344561 A1 20210429; AU 2019344561 B2 20221124; CN 112805234 A 20210514; CN 112805234 B 20230728; EP 3853164 A1 20210728; EP 3853164 B1 20231220; ES 2968696 T3 20240513; PL 3853164 T3 20240527; US 11679960 B2 20230620; US 2021309490 A1 20211007

DOCDB simple family (application)

**EP 2019074852 W 20190917**; AU 2019344561 A 20190917; CN 201980060378 A 20190917; EP 19766275 A 20190917; ES 19766275 T 20190917; PL 19766275 T 20190917; US 201917250828 A 20190917