

Title (en)

DEVICE AND METHOD FOR MONITORING A MAINTENANCE MODE OF A LIFT ASSEMBLY

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ÜBERWACHUNG EINES WARTUNGSMODUS EINER AUFZUGANLAGE

Title (fr)

DISPOSITIF ET PROCEDE DE SURVEILLANCE D'UN MODE D'ENTRETIEN D'UN ASCENSEUR

Publication

EP 3347298 B2 20230118 (DE)

Application

EP 16763040 A 20160909

Priority

- EP 15184820 A 20150911
- EP 2016071245 W 20160909

Abstract (en)

[origin: WO2017042306A1] The invention relates to a control unit (10) and to an elevator-monitoring apparatus (50) and to a method for monitoring a maintenance mode of an elevator installation (100). The control unit (10) has a controller (12) and a memory device (14), wherein the controller (12) is designed to receive a first signal when a locking device (18) of shaft door (16) is locked and to receive a second signal when the locking device (18) is unlocked. The controller (12) is also designed to compare a chronological signal sequence of first signals and second signals with a reference sequence stored in the memory device (14) for actuation of the locking device (18) and, if the signal sequence of the first signals and second signals matches the reference sequence, to end the maintenance mode and to release a car (52) of the elevator installation (100) for a traveling operation.

IPC 8 full level

B66B 5/00 (2006.01)

CPC (source: EP US)

B66B 1/3407 (2013.01 - US); **B66B 1/3415** (2013.01 - US); **B66B 3/002** (2013.01 - US); **B66B 5/0087** (2013.01 - EP US);
B66B 2201/00 (2013.01 - US)

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 2017042306 A1 20170316; AU 2016320400 A1 20180405; AU 2016320400 B2 20190829; BR 112018003939 A2 20180925;
BR 112018003939 B1 20230214; CA 2996459 A1 20170316; CN 108025887 A 20180511; CN 108025887 B 20190924;
EP 3347298 A1 20180718; EP 3347298 B1 20191120; EP 3347298 B2 20230118; ES 2759928 T3 20200512; HK 1247905 B 20200703;
US 11505428 B2 20221122; US 2018244496 A1 20180830

DOCDB simple family (application)

EP 2016071245 W 20160909; AU 2016320400 A 20160909; BR 112018003939 A 20160909; CA 2996459 A 20160909;
CN 201680052575 A 20160909; EP 16763040 A 20160909; ES 16763040 T 20160909; HK 18107510 A 20180608;
US 201615758530 A 20160909