Title (en)

FAULT DETECTION METHOD FOR A LIFT SYSTEM, FAULT DETECTION DEVICE, FAULT DETECTION KIT, LIFT SYSTEM

Title (de)

FEHLERERKENNUNGSVERFAHREN FÜR EINE AUFZUGSANLAGE, FEHLERERKENNUNGSVORRICHTUNG, FEHLERERKENNUNGSKIT, AUFZUGSANLAGE

Title (fr)

PROCÉDÉ DE DÉTECTION DE DÉFAILLANCE POUR UN SYSTÈME D'ASCENSEUR, DISPOSITIF DE DÉTECTION DE DÉFAILLANCE, KIT DE DÉTECTION DE DÉFAILLANCE, SYSTÈME D'ASCENSEUR

Publication

EP 4159658 A1 20230405 (EN)

Application

EP 22196190 A 20220916

Priority

IT 202100025265 A 20211001

Abstract (en)

The present invention relates to a fault detection method for a lift system (100), said method comprising the steps of:x - detecting at least one car movement parameter of said car (101) over time;a1 - analyzing changes of the at least one car movement parameter in a second threshold time interval (T2);b1 - when the at least one car movement parameter analyzed in step a1 has not changed in said second threshold time interval (T2), sending a second signal to move the car to a second floor position;a2 - following step b1, analyzing changes of the at least one car movement parameter in a third threshold time interval (T3), said third threshold time interval (T3) being successive to said second threshold time interval (T2);b2 - when the at least one car movement parameter analyzed in step a2 has not changed for said third threshold time interval (T3), sending a fault signal to signal a fault of said lift system (100).

IPC 8 full level

B66B 5/00 (2006.01)

CPC (source: EP)

B66B 5/0025 (2013.01)

Citation (search report)

- [A] US 9926170 B2 20180327 - MICHEL DAVID [CH], et al
- [A] CN 106006263 B 20180629
- [A] WO 2018073484 A1 20180426 - KONE CORP [FI]

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4159658 A1 20230405; CN 115924673 A 20230407; IT 202100025265 A1 20230401

DOCDB simple family (application)

EP 22196190 A 20220916; CN 202211212236 A 20220930; IT 202100025265 A 20211001