

Title (en)

MONITORING APPARATUS FOR LIFT DOORS AND/OR CARS

Title (de)

ÜBERWACHUNGSVORRICHTUNG FÜR LIFTTÜREN UND/ODER -KABINEN

Title (fr)

APPAREIL DE SURVEILLANCE DE PORTES DE CHARGEMENT BASCULANTES ET/OU DE VOITURES

Publication

EP 1556303 A1 20050727 (EN)

Application

EP 03809415 A 20030221

Priority

- IT 0300101 W 20030221
- IT PR20020060 A 20021025

Abstract (en)

[origin: WO2004037700A1] Apparatus for diagnosing failures and/or malfunctions, in particular for lift doors and/or cars, comprising: at least an accelerometric sensor associated with mechanisms for actuating the doors to detect the state of motion; and/or at least a sensor of acoustic signals associated with mechanisms for actuating the doors to detect their acoustic emissions; and/or at least an optical sensor associated with traction cables of doors and/or cars to detect any unravelling of the cables. Method for diagnosing failures and/or malfunctions, in particular for lift doors and/or cars.

IPC 1-7

B66B 5/00; B66B 13/14; B66B 7/12

IPC 8 full level

B66B 5/00 (2006.01); **B66B 7/12** (2006.01); **B66B 13/14** (2006.01)

CPC (source: EP)

B66B 5/0025 (2013.01); **B66B 13/146** (2013.01); **B66B 13/30** (2013.01)

Citation (search report)

See references of WO 2004037700A1

Cited by

EP3527523A1; EP3862308A1; US11014780B2; US11780704B2; US10829344B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 2004037700 A1 20040506; AT E328839 T1 20060615; AU 2003215903 A1 20040513; DE 60305959 D1 20060720; DE 60305959 T2 20070201; EP 1556303 A1 20050727; EP 1556303 B1 20060607; ES 2262027 T3 20061116; IT PR20020060 A1 20040426

DOCDB simple family (application)

IT 0300101 W 20030221; AT 03809415 T 20030221; AU 2003215903 A 20030221; DE 60305959 T 20030221; EP 03809415 A 20030221; ES 03809415 T 20030221; IT PR20020060 A 20021025