

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ASCENSEUR

Publication
EP 2407410 A4 20171018 (EN)

Application
EP 09841483 A 20090313

Priority
JP 2009054883 W 20090313

Abstract (en)
[origin: EP2407410A1] In an elevator apparatus, after performing failure diagnosis for a brake device (7) and a brake control section (103), a first diagnosis section (105) and a second diagnosis section (106) compare the contents of the failure diagnosis with each other. When confirming that the results of the comparison are not identical with each other, the first diagnosis section (105) and the second diagnosis section (106) determine that a failure occurs in at least any one of the first diagnosis section (105) and the second diagnosis section (106).

IPC 8 full level
B66B 5/00 (2006.01); **B66B 5/02** (2006.01)

CPC (source: EP KR)
B66B 5/00 (2013.01 - KR); **B66B 5/0031** (2013.01 - EP); **B66B 5/0093** (2013.01 - EP)

Citation (search report)

- [XY] WO 2008012896 A1 20080131 - MITSUBISHI ELECTRIC CORP [JP], et al & EP 2048104 A1 20090415 - MITSUBISHI ELECTRIC CORP [JP]
- [YA] WO 2008136114 A1 20081113 - MITSUBISHI ELECTRIC CORP [JP], et al & EP 2141109 A1 20100106 - MITSUBISHI ELECTRIC CORP [JP]
- [A] WO 0051929 A1 20000908 - OTIS ELEVATOR CO [US]
- [A] EP 2022742 A1 20090211 - THYSENKRUPP ELEVATOR AG [DE]
- See references of WO 2010103655A1

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
EP 2407410 A1 20120118; EP 2407410 A4 20171018; EP 2407410 B1 20200422; CN 102341333 A 20120201; CN 102341333 B 20150610; JP 5611937 B2 20141022; JP WO2010103655 A1 20120910; KR 101250735 B1 20130403; KR 20110113779 A 20111018; WO 2010103655 A1 20100916

DOCDB simple family (application)
EP 09841483 A 20090313; CN 200980157847 A 20090313; JP 2009054883 W 20090313; JP 2011503623 A 20090313; KR 20117021142 A 20090313