

Title (en)

Method for remote diagnosis of a lift assembly and lift assembly for executing the method

Title (de)

Verfahren zur Ferndiagnose einer Aufzuganlage und Aufzuganlage zur Durchführung des Verfahrens

Title (fr)

Procédé de télédiagnostic d'une installation d'ascenseur et installation d'ascenseur destinée à l'exécution du procédé

Publication

EP 2336070 B1 20160803 (DE)

Application

EP 09180014 A 20091218

Priority

EP 09180014 A 20091218

Abstract (en)

[origin: EP2336070A1] The method involves detecting availability-, failure- and/or incident data of a lift system (10). The data are stored in a memory element, and are analyzed by a signal processing device. A lift controller (30) is connected with internet (78) by an interface for bidirectional communication. A position of the lift system is transmitted to mobile navigation devices (81-83) via the internet together with result of the analysis of data based on state information, and is displayed in a map at monitors (85) of the navigation devices. The stored data are accessible by target groups over the internet. The state information is normal operating condition, maintenance requirement, failure or emergency situation. The target groups are service technicians, rescuers or operators of the lift system.

IPC 8 full level

B66B 5/00 (2006.01)

CPC (source: EP KR)

B66B 1/06 (2013.01 - KR); **B66B 5/00** (2013.01 - KR); **B66B 5/0018** (2013.01 - EP); **B66B 5/0025** (2013.01 - EP)

Citation (opposition)

Opponent : **Schindler**

- US 2004094366 A1 20040520 - WEINBERGER KARL [CH], et al
- CN 101291866 A 20081022 - TOSHIBA ELEVATOR CO LTD [JP]
- US 2002138327 A1 20020926 - MELLO CELSO LUIS [US], et al
- CN 1250743 A 20000419 - CHEN ZHIQUAN [CN]
- JP 2008150186 A 20080703 - TOSHIBA CORP, et al
- JP 2007176618 A 20070712 - TOSHIBA ELEVATOR CO LTD
- DE 102006036251 A1 20080207 - TUEV RHEINLAND IND SERVICE GMB [DE]
- DE 10119730 A1 20021121 - DAIMLER CHRYSLER AG [DE]
- DE 10037827 A1 20020214 - DAIMLER CHRYSLER AG [DE]
- DE 19746570 A1 19990506 - DAIMLER CHRYSLER AG [DE]
- US 5736694 A 19980407 - KETOVIITA SEPPO [FI]
- US 2002035447 A1 20020321 - TAKAHASHI KAZUE [JP], et al
- WO 9639317 A1 19961212 - BOSCH GMBH ROBERT [DE], et al
- "Schindler ID. Individualization & access control system", SCHINDLER, 2007, XP055378741

Cited by

CN108249243A; AU2013322887B2; CN107161821A; US2020122968A1; CN107758467A; EP3599205A1; US11472666B2; US11565911B2; US10597254B2; US11524864B2; CN113614016A; AU2020242588B2; WO2015112040A1; WO2014048826A1; US11029810B2; CN106477411A; EP3566992A1; EP4219374A1; WO2018138234A1; US9944492B2; US10696519B2; US11040854B2; US11440773B2; WO2020187554A1

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 SM TR

DOCDB simple family (publication)

EP 2336070 A1 20110622; **EP 2336070 A8 20110914**; **EP 2336070 B1 20160803**; CN 102656109 A 20120905; CN 102656109 B 20190319; ES 2601585 T3 20170215; KR 101394380 B1 20140527; KR 20120085805 A 20120801; RU 2012130164 A 20140127; RU 2534830 C2 20141210; WO 2011073212 A1 20110623

DOCDB simple family (application)

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