

Title (en)
SITUATION-DEPENDENT REACTION IN THE CASE OF A FAULT IN THE VICINITY OF A DOOR IN A LIFT SYSTEM

Title (de)
SITUATIONSABHÄNGIGE REAKTION IM FALLE EINER STÖRUNG IM BEREICH EINER TÜR EINES AUFZUGSYSTEMS

Title (fr)
REACTION, EN FONCTION DE LA SITUATION, EN CAS DE DERANGEMENT AU NIVEAU D'UNE PORTE D'UN SYSTEME D'ASCENSEUR

Publication
EP 1423326 A1 20040602 (DE)

Application
EP 02754089 A 20020815

Priority

- EP 02754089 A 20020815
- CH 0200447 W 20020815
- EP 01121058 A 20010903

Abstract (en)
[origin: WO03020627A1] The invention relates to a lift system, comprising a lift cabin (12), with a cabin door (131), which moves along a lift shaft wall (11.1), provided with shaft doors (13) and a controller (16), with recording means (20; 18), arranged in the vicinity of the shaft doors (134) and/or in the vicinity of the cabin door(s) (131), for providing fault information to the controller (16). A status determining unit is provided, which is connected to the controller (16) and which provides the same with status information on the position and the speed of the lift cabin (12). The lift system is characterised in that one of the recording means (20; 18) provides fault information on the type of fault and position of the fault to the controller (16), in the case of a fault in the vicinity of one of the shaft doors (13), or the cabin doors (131), the controller (16) triggers a situation-dependent, safe reaction, depending on the type of fault, the position of the fault and the status information in order to guarantee a residual functionality of the lift cabin (12), despite the fault.

IPC 1-7
B66B 5/02

IPC 8 full level
B66B 3/00 (2006.01); **B66B 5/02** (2006.01); **B66B 13/14** (2006.01); **B66B 13/22** (2006.01)

CPC (source: EP KR US)
B66B 5/0031 (2013.01 - EP US); **B66B 5/02** (2013.01 - EP US); **B66B 13/14** (2013.01 - KR); **B66B 13/22** (2013.01 - EP US)

Citation (search report)
See references of WO 03020627A1

Cited by
US12012307B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03020627 A1 20030313; AT E321723 T1 20060415; CA 2458221 A1 20030313; CA 2458221 C 20101109; CN 1309645 C 20070411; CN 1549788 A 20041124; DE 50206242 D1 20060518; EP 1423326 A1 20040602; EP 1423326 B1 20060329; HK 1066520 A1 20050324; JP 2005500965 A 20050113; KR 100926922 B1 20091117; KR 20040029150 A 20040403; US 2004178024 A1 20040916; US 7252180 B2 20070807

DOCDB simple family (application)
CH 0200447 W 20020815; AT 02754089 T 20020815; CA 2458221 A 20020815; CN 02817173 A 20020815; DE 50206242 T 20020815; EP 02754089 A 20020815; HK 04109453 A 20041201; JP 2003524900 A 20020815; KR 20047003213 A 20020815; US 79206004 A 20040303