

Title (en)
SHAFT MONITORING SYSTEM FOR AN ELEVATOR

Title (de)
SCHACHTÜBERWACHUNGSSYSTEM FÜR AUFZUG

Title (fr)
SYSTEME DE CONTROLE DE CAGE DESTINE A UN ASCENSEUR

Publication
EP 1490284 B1 20070523 (DE)

Application
EP 03744705 A 20030321

Priority

- EP 03744705 A 20030321
- CH 0300182 W 20030321
- EP 02405242 A 20020327

Abstract (en)

[origin: WO03080495A1] The invention concerns an elevator installation comprising an elevator car (12), which has an elevator car door (13) and is placed inside an elevator shaft (10) in a manner that enables it to be vertically displaced. The elevator installation also comprises shaft doors (11), each having at least one door leaf and provided with an automatically latching shaft door latch (18) for latching the door leaf when the door leaf is located in its closed position. The shaft door latch (18) can be unlatched by the elevator car (12). The elevator installation has a non-contacting sensor means (15, 19) that makes it possible to detect, from the elevator car (12), whether the shaft door latch (18) and the door leaf of the shaft doors (11) are located in their correct latching position, whereby this sensor means (15, 19) can be connected to the elevator control (16) directly or via a separate safety monitoring system.

IPC 8 full level
B66B 13/12 (2006.01); **B66B 13/22** (2006.01)

CPC (source: EP US)
B66B 13/125 (2013.01 - EP US); **B66B 13/22** (2013.01 - EP US)

Cited by
WO2024094398A1

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 RO SE SI SK TR

DOCDB simple family (publication)
WO 03080495 A1 20031002; AT E362894 T1 20070615; AU 2003209906 A1 20031008; AU 2003209906 B2 20080508; BR 0308715 A 20050104; BR 0308715 B1 20120417; CA 2478078 A1 20031002; CA 2478078 C 20110517; CN 100522786 C 20090805; CN 1642841 A 20050720; DE 50307325 D1 20070705; DK 1490284 T3 20070910; EP 1490284 A1 20041229; EP 1490284 B1 20070523; ES 2286449 T3 20071201; HK 1072045 A1 20050812; JP 2006501112 A 20060112; JP 4358638 B2 20091104; MX PA04009366 A 20050705; NO 20044610 L 20041222; PT 1490284 E 20070813; US 2005034931 A1 20050217; US 7350625 B2 20080401; ZA 200407181 B 20060222

DOCDB simple family (application)
CH 0300182 W 20030321; AT 03744705 T 20030321; AU 2003209906 A 20030321; BR 0308715 A 20030321; CA 2478078 A 20030321; CN 03806647 A 20030321; DE 50307325 T 20030321; DK 03744705 T 20030321; EP 03744705 A 20030321; ES 03744705 T 20030321; HK 05104871 A 20050609; JP 2003578267 A 20030321; MX PA04009366 A 20030321; NO 20044610 A 20041026; PT 03744705 T 20030321; US 94777204 A 20040923; ZA 200407181 A 20040908