

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ASCENSEUR

Publication
EP 2444351 A4 20130501 (EN)

Application
EP 06822242 A 20061025

Priority
JP 2006321265 W 20061025

Abstract (en)
[origin: EP2444351A1] Provided is an elevator apparatus in which a lock release key for releasing a lock device of a landing door device from a landing side is kept in a key retaining device. The key retaining device retains the lock release key and restricts removal of the lock release key, and allows the removal of the lock release key when a predetermined operation is performed on the lock release key. An operation control device sets an operation mode to a normal mode when the lock release key is retained in the key retaining device, and sets the operation mode to a maintenance mode when the lock release key is removed from the key retaining device.

IPC 8 full level
B66B 5/00 (2006.01); **B66B 13/16** (2006.01)

CPC (source: EP KR)
B66B 13/16 (2013.01 - EP); **B66B 13/18** (2013.01 - KR)

Citation (search report)

- [A] CH 304482 A 19550115 - SCHWEIZ WAGONS AUFZUEGEFAB [CH]
- [A] JP 2006264841 A 20061005 - TOSHIBA ELEVATOR CO LTD
- [A] JP 2004099299 A 20040402 - TOSHIBA ELEVATOR CO LTD
- [A] JP 2001240350 A 20010904 - TOSHIBA CORP
- [A] JP H0710439 A 19950113 - HITACHI BUILDING SYST ENG
- See references of WO 2008050415A1

Cited by
DE112011105918B4; US10676321B2

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 2444351 A1 20120425; EP 2444351 A4 20130501; CN 101506079 A 20090812; CN 101506079 B 20110126; JP 4849487 B2 20120111; JP WO2008050415 A1 20100225; KR 101023358 B1 20110318; KR 20090047469 A 20090512; WO 2008050415 A1 20080502

DOCDB simple family (application)
EP 06822242 A 20061025; CN 200680055588 A 20061025; JP 2006321265 W 20061025; JP 2008540842 A 20061025; KR 20097002780 A 20061025