

Title (en)
LANDING DOOR DEVICE OF ELEVATOR

Title (de)
SCHACHTTÜRVORRICHTUNG FÜR AUFZUG

Title (fr)
DISPOSITIF POUR PORTE PALIERE D'ASCENSEUR

Publication
EP 1845053 A4 20120905 (EN)

Application
EP 05703281 A 20050104

Priority
JP 2005000003 W 20050104

Abstract (en)
[origin: EP1845053A1] There is provided an elevator hatch door apparatus capable of preventing a locking device for a hatch door surely and easily from being unlocked by a person other than an authorized person. For this purpose, the elevator hatch door apparatus comprises a locking device for locking an elevator hatch door; an unlocking device for unlocking the locking device; an authentication device for authenticating an authorized person who is authorized to unlock the locking device; and an unlocking limiter for enabling the unlocking operation of the unlocking device based on the authentication result of the authentication device. In the case where it is confirmed by the authentication device that the authenticated person is the authorized person registered in advance, the unlocking operation limitation of the unlocking device imposed by the unlocking limiter is removed. In the case where it is not confirmed by the authentication device that the authenticated person is the authorized person, the unlocking operation limitation of the unlocking device imposed by the unlocking limiter is maintained.

IPC 8 full level
B66B 13/16 (2006.01)

CPC (source: EP)
B66B 13/165 (2013.01)

Citation (search report)

- [YA] US 2004173415 A1 20040909 - KOCHER JOHANNES [CH]
- [YA] EP 0942130 A2 19990915 - BKS GMBH [DE]
- [YA] FR 2809441 A1 20011130 - DEVISMES [FR]
- [Y] US 2004094366 A1 20040520 - WEINBERGER KARL [CH], et al
- [A] JP 2000072361 A 20000307 - HITACHI BUILDING SYS CO LTD
- See references of WO 2006072974A1

Cited by
CN102864989A; EP3336039A1; US2018171661A1; WO2019063407A1; WO2019063406A1; US10914097B2; US11008196B2; WO2016092337A1; WO2017009678A1; US10889466B2

Designated contracting state (EPC)
NL

DOCDB simple family (publication)
EP 1845053 A1 20071017; EP 1845053 A4 20120905; EP 1845053 B1 20150415; CN 100540445 C 20090916; CN 1926053 A 20070307; JP 4858172 B2 20120118; JP WO2006072974 A1 20080612; WO 2006072974 A1 20060713

DOCDB simple family (application)
EP 05703281 A 20050104; CN 200580006916 A 20050104; JP 2005000003 W 20050104; JP 2006550551 A 20050104