

Title (en)

CRIME PREVENTIVE OPERATION SYSTEM OF ELEVATOR

Title (de)

BETRIEBSSYSTEM EINES AUFZUGES MIT SCHUTZ VOR VERBRECHEN

Title (fr)

SYSTÈME D EXPLOITATION POUR ASCENSEUR ET EMPÊCHANT LES DÉLITS

Publication

EP 1873108 A4 20130313 (EN)

Application

EP 06729524 A 20060320

Priority

- JP 2006305556 W 20060320
- JP 2005122493 A 20050420

Abstract (en)

[origin: EP1873108A1] [Problem] To obtain an elevator crime-prevention-operation apparatus which can shift an elevator to a crime prevention operation even at the breakdown of a monitor equipment that monitors the interior of an elevator cage. [Means for Resolution] The interior of an elevator cage 7 is monitored by a monitor equipment 1 which is arranged so as to monitor the interior of the cage 7, any suspected person within the elevator cage 7 is detected on the basis of the output of the monitor equipment 1 by suspect detection means 2, while the breakdown of the monitor equipment 1 is detected by monitor-equipment-breakdown detection means 3, crime-prevention-operation shift means 4 outputs a crime-prevention-operation command in accordance with the output of either of the suspect detection means 2 and the monitor-equipment-breakdown detection means 3, and crime-prevention-operation motion means 5 brings the elevator into a crime prevention operation on the basis of the crime-prevention-operation command, whereby the elevator can be shifted to the crime prevention operation even at the breakdown of the monitor equipment 1.

IPC 8 full level

B66B 5/00 (2006.01); **B66B 3/00** (2006.01); **B66B 5/02** (2006.01)

CPC (source: EP KR)

B66B 3/00 (2013.01 - KR); **B66B 5/00** (2013.01 - KR); **B66B 5/0012** (2013.01 - EP); **B66B 5/025** (2013.01 - EP)

Citation (search report)

- [Y] JP 2004059209 A 20040226 - HITACHI BUILDING SYS CO LTD
- [YD] JP 2004149287 A 20040527 - TOSHIBA ELEVATOR CO LTD
- [Y] JP 2001080833 A 20010327 - HITACHI LTD & DATABASE WPI Week 200423, Derwent World Patents Index; AN 2004-243835 & DATABASE WPI Week 200440, Derwent World Patents Index; AN 2004-424218 & DATABASE WPI Week 200131, Derwent World Patents Index; AN 2001-297731
- See references of WO 2006114956A1

Cited by

EP3366629A1; US10384911B2; EP3301057A1

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DE

DOCDB simple family (publication)

EP 1873108 A1 20080102; **EP 1873108 A4 20130313**; CN 101039866 A 20070919; JP 2006298568 A 20061102; KR 100900116 B1 20090601; KR 20070067143 A 20070627; WO 2006114956 A1 20061102

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EP 06729524 A 20060320; CN 200680001021 A 20060320; JP 2005122493 A 20050420; JP 2006305556 W 20060320; KR 20077008515 A 20070413