

Title (en)
CONTROL DEVICE FOR ELEVATOR

Title (de)
STEUERVORRICHTUNG FÜR AUFZÜGE

Title (fr)
DISPOSITIF DE COMMANDE POUR ASCENSEUR

Publication
EP 2557062 A1 20130213 (EN)

Application
EP 10849408 A 20100405

Priority
JP 2010056170 W 20100405

Abstract (en)
Provided is an elevator controller which, after an emergency stop of an elevator car in the event of the occurrence of a predefined disaster, can enable passengers to get off onto an appropriate floor in such a manner as to facilitate evacuation to outdoors as far as possible. This elevator controller includes: a disaster detection device which detects a predefined disaster which occur in a building; a run controller which, in the case where a disaster has been detected by the disaster detection device, brings an elevator car into an emergency stop on the basis of predefined stop conditions; and an evacuation-floor determination device which, in the case where the car has been brought into an emergency stop by the run controller, sets the degree of priority for each floor to which the car is permitted to run from the standpoint of laws and regulations and physically and determines an evacuation floor on the basis of the set degree of priority. Incidentally, the degree of priority indicates the easiness of evacuation of passengers after getting off the car. The run controller causes the car to run to the evacuation floor determined by the evacuation-floor determination device after bringing the car into an emergency stop on the basis of the stop conditions.

IPC 8 full level
B66B 5/02 (2006.01)

CPC (source: EP KR)
B66B 1/36 (2013.01 - KR); **B66B 5/02** (2013.01 - KR); **B66B 5/022** (2013.01 - EP); **B66B 5/024** (2013.01 - EP); **B66B 5/027** (2013.01 - EP)

Citation (search report)
See references of WO 2011125164A1

Cited by
EP3543192A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2557062 A1 20130213; CN 102822079 A 20121212; JP WO2011125164 A1 20130708; KR 20120113287 A 20121012;
WO 2011125164 A1 20111013

DOCDB simple family (application)
EP 10849408 A 20100405; CN 201080065735 A 20100405; JP 2010056170 W 20100405; JP 2012509213 A 20100405;
KR 20127023469 A 20100405