

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF ÉLÉVATEUR

Publication
EP 2380841 A1 20111026 (EN)

Application
EP 09838773 A 20090121

Priority
JP 2009050823 W 20090121

Abstract (en)
In an elevator apparatus, a plurality of position sensors are provided vertically at intervals in a hoistway. An encoder generates a signal according to running of a car. A car position detecting device determines in which of a plurality of zones inside the hoistway, separated by the position sensors, a car is present, based on previously measured distances between the position sensors, a running distance of the car from a stop state, which is obtained based on the signal from the encoder, and a signal from the position sensors.

IPC 8 full level
B66B 5/06 (2006.01); **B66B 3/02** (2006.01)

CPC (source: EP KR)
B66B 1/3492 (2013.01 - EP); **B66B 3/02** (2013.01 - KR); **B66B 5/06** (2013.01 - EP KR)

Citation (search report)
See references of WO 2010084581A1

Cited by
DE112013006482B4; EP3473573A1; CN104080722A; GB2513518A; GB2513518B; WO2018146299A1; WO2013115827A1; US9809419B2; US9708157B2; US10858218B2; EP3360833B1

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 TR

DOCDB simple family (publication)
EP 2380841 A1 20111026; CN 102196987 A 20110921; CN 102196987 B 20150902; JP 5355597 B2 20131127; JP WO2010084581 A1 20120712; KR 20110066180 A 20110616; WO 2010084581 A1 20100729

DOCDB simple family (application)
EP 09838773 A 20090121; CN 200980142115 A 20090121; JP 2009050823 W 20090121; JP 2010547341 A 20090121; KR 20117008501 A 20090121