

Title (en)
ELEVATOR CONTROL APPARATUS AND ELEVATOR CONTROL METHOD

Title (de)
AUFZUGSTEUERGERÄT UND AUFZUGSTEUERVERFAHREN

Title (fr)
APPAREIL DE COMMANDE D'UN ASCENSEUR ET PROCÉDÉ DE COMMANDE D'UN ASCENSEUR

Publication
EP 2295361 A1 20110316 (EN)

Application
EP 08790923 A 20080707

Priority
JP 2008062261 W 20080707

Abstract (en)
A passenger position tracking device 10 stores a destination floor registered with a lobby destination floor registration device 3 in an elevator lobby 1 and the feature of an image of a passenger photographed by a lobby camera 4 in relation to each other. As the passenger gets on an elevator car 2, the feature of the passenger photographed by an in-car camera 6 and the feature of the image photographed by the lobby camera 4 are collated. If the features coincide, the passenger in the car and the destination floor are related to each other. Using the in-car camera 6, the passenger position tracking device 10 tracks the position of the passenger in the car on the real-time base. As the elevator car 2 is to stop at a destination floor, the passenger position tracking device 10 determines whether a passenger being to get off at this floor is present in the rear part or front part of the car. If the passenger is present in the rear part, an announcement is made to notify that a passenger in the rear part is to get off.

IPC 8 full level
B66B 1/14 (2006.01); **B66B 1/34** (2006.01); **B66B 1/46** (2006.01); **B66B 5/00** (2006.01)

CPC (source: EP)
B66B 1/468 (2013.01); **B66B 5/0012** (2013.01); **B66B 2201/4615** (2013.01); **B66B 2201/463** (2013.01); **B66B 2201/4638** (2013.01)

Cited by
EP3076247A1; CN106144798A; JP2016159993A; US10074017B2; US11180344B2; US11420844B2; US11667493B2; US11001473B2; US9365393B2; US10513415B2; US10513416B2; WO2022148895A1; US10479647B2; US10532909B2; US11232312B2; US11836995B2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2295361 A1 20110316; **EP 2295361 A4 20140115**; **EP 2295361 B1 20141022**; CN 102046506 A 20110504; CN 102046506 B 20130717; JP 5197747 B2 20130515; JP WO2010004607 A1 20111222; KR 101226808 B1 20130125; KR 20100135951 A 20101227; WO 2010004607 A1 20100114

DOCDB simple family (application)
EP 08790923 A 20080707; CN 200880129556 A 20080707; JP 2008062261 W 20080707; JP 2010519573 A 20080707; KR 20107026458 A 20080707