

Title (en)

DESTINATION FLOOR REGISTRATION DEVICE FOR ELEVATOR

Title (de)

VORRICHTUNG ZUR REGISTRIERUNG DES ZIELSTOCKWERKS FÜR EINEN AUFZUG

Title (fr)

DISPOSITIF D'ENREGISTREMENT D'ÉTAGE DE DESTINATION POUR ASCENSEUR

Publication

EP 2540652 A4 20151223 (EN)

Application

EP 10846484 A 20100223

Priority

JP 2010052762 W 20100223

Abstract (en)

[origin: EP2540652A1] In a destination floor registration device which permits the voice input of a destination floor in the hall of an elevator, passengers are positively prevented from staying in front of the sensor which detects the presence of passengers. A microphone for voice input, a sensor for detecting the presence of a passenger present in a prescribed range in the vicinity of the microphone and a notification device are installed in a hall of an elevator. Also, there are provided voice comparison means which identifies a destination floor of a passenger on the basis of a voice signal from the microphone while the sensor is detecting the presence of a passenger and holding means which holds information on a destination floor identified by the voice comparison means while the sensor is detecting the presence of a passenger and thereafter outputs the held information on a destination floor to a controller of the elevator when the sensor ceases to detect the presence of a passenger. The period of time during which the sensor continues to detect the presence of a passenger is measured and the notification device is caused to notify a prescribed guidance to prompt the passenger to move away from the microphone when the measured period of time exceeds a prescribed threshold value.

IPC 8 full level

B66B 1/46 (2006.01)

CPC (source: EP)

B66B 1/468 (2013.01); **B66B 2201/4615** (2013.01); **B66B 2201/4646** (2013.01); **B66B 2201/4684** (2013.01)

Citation (search report)

- [YDA] JP H0373775 A 19910328 - TOSHIBA CORP & GB 2237410 A 19910501 - TOSHIBA KK [JP]
- [Y] JP H11335045 A 19991207 - HITACHI BUILDING SYS CO LTD & DATABASE WPI Week 200018, Derwent World Patents Index; AN 2000-198643
- See references of WO 2011104817A1

Cited by

US9598263B2

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 2540652 A1 20130102; **EP 2540652 A4 20151223**; **EP 2540652 B1 20170104**; CN 102762478 A 20121031; CN 102762478 B 20141203; JP 5510537 B2 20140604; JP WO2011104817 A1 20130617; WO 2011104817 A1 20110901

DOCDB simple family (application)

EP 10846484 A 20100223; CN 201080064006 A 20100223; JP 2010052762 W 20100223; JP 2012501556 A 20100223