

Title (en)

METHOD AND ELEVATOR CONTROLLER FOR CONTROLLING AN ELEVATOR GROUP HAVING A PLURALITY OF ELEVATORS ON THE BASIS OF DESTINATION CALLS

Title (de)

VERFAHREN UND AUFZUGSTEUERUNG ZUM STEuern EINER AUFZUGGRUPPE MIT EINER MEHRZAHL VON AUFZÜGEN BASIEREND AUF ZIELRUFEN

Title (fr)

PROCÉDÉ ET COMMANDE D'ASCENSEUR PERMETTANT DE COMMANDER UN GROUPE D'ASCENSEURS COMPRENANT UNE PLURALITÉ D'ASCENSEURS SUR LA BASE D'APPELS

Publication

EP 3728095 A1 20201028 (DE)

Application

EP 18804655 A 20181127

Priority

- EP 17209813 A 20171221
- EP 2018082666 W 20181127

Abstract (en)

[origin: WO2019120899A1] The invention relates to a method for controlling an elevator group (1) having a plurality of elevators (3) on the basis of destination calls, which are to be sent by users (11) to the elevator group (1). The method comprises: receiving a destination call, which contains at least information regarding a waiting floor (19), on which a user (11) who sends the destination call is waiting, and regarding the destination floor (21), to which the user (11) should be transported; waiting for a delay time period; assigning a service elevator (3') from the plurality of elevators (3) after the delay time period has passed and controlling the service elevator (3') to pick up the user (11) on the waiting floor (19) and to transport the user to the destination floor (21). The service elevator (3') is assigned using information contained in destination calls that are received during the delay time period. Because the service elevator (3') is not calculated and assigned immediately after the receipt of the destination call, but rather only with delay after the delay time period has expired, and because further destination calls received in the meantime during the delay time period are also taken into consideration, the assignment of service elevators can be made more efficient and more appropriate to the situation and waiting times for users can be reduced on average.

IPC 8 full level

B66B 1/24 (2006.01)

CPC (source: EP US)

B66B 1/2408 (2013.01 - EP); **B66B 1/2458** (2013.01 - US); **B66B 2201/103** (2013.01 - EP US); **B66B 2201/215** (2013.01 - EP US); **B66B 2201/216** (2013.01 - EP US); **B66B 2201/235** (2013.01 - EP US)

Citation (search report)

See references of WO 2019120899A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019120899 A1 20190627; AU 2018386879 A1 20200611; AU 2018386879 B2 20211209; CA 3078862 A1 20190627; CN 111417589 A 20200714; CN 111417589 B 20220920; EP 3728095 A1 20201028; EP 3728095 B1 20220316; ES 2916457 T3 20220701; MX 2020006485 A 20200918; SG 11202003506P A 20200528; US 2021188592 A1 20210624

DOCDB simple family (application)

EP 2018082666 W 20181127; AU 2018386879 A 20181127; CA 3078862 A 20181127; CN 201880077584 A 20181127; EP 18804655 A 20181127; ES 18804655 T 20181127; MX 2020006485 A 20181127; SG 11202003506P A 20181127; US 201816757829 A 20181127