Title (en)
ELEVATOR SYSTEM

Title (de)
AUFZUGSSYSTEM

Title (fr)
SYSTÈME D'ASCENSEUR

Publication
EP 2216283 A1 20100811 (EN)

Application
EP 07850295 A 20071207

Priority
JP 2007073717 W 20071207

Abstract (en)
In an elevator system which enables a subset of a plurality of elevators under group supervisory control to be switched to exclusive operations, it becomes possible to prevent a decrease in the operation efficiency of the whole system and to perform switchovers to exclusive operations quickly. For this purpose, the elevator system is provided with a call registration device with which an elevator user registers his or her destination floor before getting in a car and an exclusive operation switchover device which sends a switchover request in order to switch a subset of the plurality of elevators to exclusive operations. Upon receipt of the switchover request from the exclusive operation switchover device, service time for destination calls which have already been registered by the call registration device is computed regarding the subset of the elevators. On the basis of the computed service time, services for some of the destination calls is performed in a range not exceeding a prescribed threshold value and switching the subset of the elevators to exclusive operations is performed without performing services for the remaining destination calls.

IPC 8 full level
B66B 1/18 (2006.01); **B66B 1/20** (2006.01); **B66B 1/24** (2006.01)

CPC (source: EP)
B66B 1/20 (2013.01); **B66B 1/2458** (2013.01); B66B 2201/103 (2013.01); B66B 2201/405 (2013.01)

Cited by
US10696516B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2216283 A1 20100811; **EP 2216283 A4 20131106**; **EP 2216283 B1 20190626**; CN 101878173 A 20101103; CN 101878173 B 20130529; JP 5310561 B2 20131009; JP WO2009072214 A1 20110421; WO 2009072214 A1 20090611

DOCDB simple family (application)
EP 07850295 A 20071207; CN 200780101744 A 20071207; JP 2007073717 W 20071207; JP 2009544547 A 20071207