

Title (en)
ELEVATOR SYSTEM WITH ADAPTIVE DOOR CONTROL

Title (de)
AUFZUGSYSTEM MIT ADAPTIVER TÜRSTEUERUNG

Title (fr)
SYSTÈME D'ASCENSEUR À COMMANDE ADAPTATIVE DE PORTE

Publication
EP 3261973 A1 20180103 (DE)

Application
EP 16705793 A 20160223

Priority
• EP 15156202 A 20150223
• EP 2016053715 W 20160223

Abstract (en)
[origin: WO2016135114A1] In order to control an elevator door (6) of an elevator car (10), which can be moved between floors (L1, L2, L3) of a building (2), at least one registered destination call is evaluated. By evaluating the destination call, a number of boarding or disembarking passengers can be planned for each stopping floor. A corresponding door opening holding time of the elevator door (6) is determined for each stopping floor in order to allow a registered passenger to board or disembark on a stopping floor. Furthermore, a number of passengers disembarking the elevator car (10) on the stopping floor and a number of passengers boarding the elevator car (10) on the stopping floor are determined. A closing of the elevator door (6) is triggered regardless of the determined door opening holding time if the number of passengers disembarking and boarding on the stopping floor, said number being determined by the sensor system (4), matches the number of boarding or disembarking passengers planned for the stopping floor.

IPC 8 full level
B66B 13/14 (2006.01)

CPC (source: CN EP KR US)
B66B 1/3476 (2013.01 - KR US); **B66B 1/468** (2013.01 - US); **B66B 5/0012** (2013.01 - US); **B66B 9/00** (2013.01 - US);
B66B 13/14 (2013.01 - CN EP US); **B66B 13/146** (2013.01 - CN EP KR US); **B66B 13/26** (2013.01 - KR US); **B66B 2201/00** (2013.01 - US);
E05Y 2900/104 (2013.01 - KR)

Citation (search report)
See references of WO 2016135114A1

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 2016135114 A1 20160901; AU 2016223568 A1 20170831; AU 2016223568 B2 20190829; CA 2974232 A1 20160901;
CN 107257771 A 20171017; CN 107257771 B 20200310; EP 3261973 A1 20180103; EP 3261973 B1 20230607; EP 3261973 C0 20230607;
ES 2949152 T3 20230926; HK 1245220 A1 20180824; KR 102486305 B1 20230106; KR 20170118749 A 20171025;
MX 2017010756 A 20171130; MY 184360 A 20210401; PH 12017501343 A1 20171218; PH 12017501343 B1 20171218;
SG 11201706271U A 20170928; US 10934135 B2 20210302; US 2018265333 A1 20180920

DOCDB simple family (application)
EP 2016053715 W 20160223; AU 2016223568 A 20160223; CA 2974232 A 20160223; CN 201680011763 A 20160223;
EP 16705793 A 20160223; ES 16705793 T 20160223; HK 18104422 A 20180403; KR 20177023229 A 20160223; MX 2017010756 A 20160223;
MY PI2017703001 A 20160223; PH 12017501343 A 20170726; SG 11201706271U A 20160223; US 201615552767 A 20160223