

Title (en)
ROUTE PLANNING ON THE BASIS OF EXPECTED PASSENGER NUMBER

Title (de)
FAHRTPLANUNG AUFGRUND ERWARTETER PASSAGIERANZAHL

Title (fr)
PLANIFICATION DE ROUTE EN FONCTION DU NOMBRE DE PASSAGERS PRÉVU

Publication
EP 3728094 A1 20201028 (DE)

Application
EP 18814970 A 20181213

Priority
• EP 17209784 A 20171221
• EP 2018084784 W 20181213

Abstract (en)
[origin: WO2019121329A1] The invention relates to a lift system (1) comprising a destination call control device (8), in which system a first destination call entered on a floor (L1, L2, L3) by a first passenger (4) at a first time is evaluated in order to determine first call information from the first destination call, wherein the first call information contains data concerning a call input floor (L1, L2, L3) and/or a destination floor (L1, L2, L3). The first call information is used to determine whether a number of additional passengers (4) are to be assigned to the first destination call, wherein the number of additional passengers (4) results in an additional space requirement pin of a lift car (10) serving the first destination call. Information concerning the additional space requirement is generated if a number of additional passengers (4) are to be assigned to the first destination call. If this is the case, the first destination call is allocated by means of an allocation algorithm using the information concerning the additional space requirement in order to transport the first passenger (4) from the call input floor (L1, L2, L3) to the destination floor (L1, L2, L3).

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

CPC (source: EP US)
B66B 1/2416 (2013.01 - US); **B66B 1/2458** (2013.01 - EP); **B66B 1/3461** (2013.01 - US); **B66B 1/468** (2013.01 - US); **B66B 5/0012** (2013.01 - US); **B66B 1/2408** (2013.01 - US); **B66B 2201/103** (2013.01 - EP US); **B66B 2201/222** (2013.01 - EP US); **B66B 2201/23** (2013.01 - US); **B66B 2201/4615** (2013.01 - US); **B66B 2201/463** (2013.01 - US)

Citation (search report)
See references of WO 2019121329A1

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 2019121329 A1 20190627; AU 2018389637 A1 20200507; AU 2018389637 B2 20211104; CN 111386236 A 20200707; CN 111386236 B 20220422; EP 3728094 A1 20201028; EP 3728094 B1 20220309; ES 2915498 T3 20220622; PL 3728094 T3 20220627; US 2021047144 A1 20210218

DOCDB simple family (application)
EP 2018084784 W 20181213; AU 2018389637 A 20181213; CN 201880076128 A 20181213; EP 18814970 A 20181213; ES 18814970 T 20181213; PL 18814970 T 20181213; US 201816955327 A 20181213