

Title (en)  
GROUPED CONTROL AFFORDING INSTANTANEOUS ATTRIBUTION OF DESTINATION CALLS

Publication  
**EP 0356731 B1 19930922 (DE)**

Application  
**EP 89114078 A 19890731**

Priority  
CH 327588 A 19880901

Abstract (en)  
[origin: EP0356731A1] In this grouped control, a call to be allocated for the first time to a cabin is instantaneously and definitively allocated after its input. For this purpose, immediately after the call input, for all the lifts operating costs corresponding to the waiting times of passengers are calculated from lift-specific data solely for the input floor and destination floor of the new call and are transferred to a cost register (R1). The comparison of these operating costs is then carried out immediately, the call being allocated definitively to the lift with the lowest operating costs. The operating-cost calculation extends to all the participants in the cabins and on the floors, the computer using a running-timetable (15), in which the running times between a particular floor and any other floor are stored. A door-timetable (14) stores the door opening and closing times of the particular lift, which the computer uses for calculating the standstill time of the cabin. Operating costs calculated in this way achieve better comparative results and provide exact data on the actual waiting times of all the participants. <IMAGE>

IPC 1-7  
**B66B 1/20**

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

CPC (source: EP US)  
**B66B 1/2458** (2013.01 - EP US); **B66B 2201/103** (2013.01 - EP US); **B66B 2201/211** (2013.01 - EP US); **B66B 2201/212** (2013.01 - EP US); **B66B 2201/222** (2013.01 - EP US)

Cited by  
US6065570A; CN110171752A; EP0459169A1; EP0456265A3; US7083027B2; WO2019120899A1; WO2004031062A1; US8701839B2; US9556001B2

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0356731 A1 19900307; EP 0356731 B1 19930922**; AT E94847 T1 19931015; AU 4098189 A 19900308; AU 618122 B2 19911212; BR 8904393 A 19900417; CA 1315900 C 19930406; CN 1011300 B 19910123; CN 1040769 A 19900328; DE 58905667 D1 19931028; DK 174631 B1 20030728; DK 429889 A 19900302; DK 429889 D0 19890831; ES 2046395 T3 19940201; FI 893943 A0 19890823; FI 893943 A 19900302; FI 97050 B 19960628; FI 97050 C 19961010; HK 144294 A 19941223; HU 210405 B 19950428; HU T51999 A 19900628; JP 2706151 B2 19980128; JP H02106572 A 19900418; MX 172137 B 19931206; NO 175092 B 19940524; NO 175092 C 19940831; NO 893377 D0 19890822; NO 893377 L 19900302; US 4991694 A 19910212; ZA 895579 B 19900425

DOCDB simple family (application)  
**EP 89114078 A 19890731**; AT 89114078 T 19890731; AU 4098189 A 19890831; BR 8904393 A 19890831; CA 605605 A 19890713; CN 89106652 A 19890831; DE 58905667 T 19890731; DK 429889 A 19890831; ES 89114078 T 19890731; FI 893943 A 19890823; HK 144294 A 19941215; HU 393789 A 19890802; JP 22726389 A 19890901; MX 1719289 A 19890814; NO 893377 A 19890822; US 40103589 A 19890831; ZA 895579 A 19890721