

Title (en)
LIFT GROUP CONTROL FOR DOUBLE-COMPARTMENT CARS

Publication
EP 0134892 B1 19870408 (DE)

Application
EP 84105114 A 19840507

Priority
CH 441083 A 19830812

Abstract (en)
[origin: ES8504071A1] A group control for elevators in which the allocations of the individual cars of double cars in an elevator group to stored floor calls can be optimized with respect to time, and newly occurring floor calls can be assigned immediately. A computing device is provided for each elevator to calculate operating costs of each car corresponding to the waiting and delay times of passengers at the floor and aboard the car with regard to each floor. The operating costs are reduced if unidirectional calls exist on the calculation floor and on a directly adjacent floor, and/or if coincidences of car calls and such floors occur. The operating costs of the two cars of a double car are compared with one another and the smaller costs are stored in a cost memory. During a cost comparison cycle, the operating costs of all elevators are compared with one another floor by floor via a comparator, whereby an allocation instruction is stored in an allocation memory of the elevator with the smallest operating costs. The allocation instruction designates the floor to which the car is assigned optimally with respect to time.

IPC 1-7
B66B 1/18; **B66B 1/14**

IPC 8 full level
B66B 1/14 (2006.01); **B66B 1/18** (2006.01); **B66B 1/20** (2006.01); **B66B 1/24** (2006.01)

CPC (source: EP US)
B66B 1/2416 (2013.01 - EP US); **B66B 1/2458** (2013.01 - EP US); **B66B 2201/102** (2013.01 - EP US); **B66B 2201/211** (2013.01 - EP US); **B66B 2201/306** (2013.01 - EP US); **Y10S 187/902** (2013.01 - EP US)

Cited by
EP0301178A1; EP0459169A1; EP0365782A1; US4993518A; DE3611173A1; GB2173922A; FR2580268A1; GB2173922B

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