

Title (en)
LIFT GROUP CONTROL

Publication
EP 0246395 B1 19900328 (DE)

Application
EP 87101844 A 19870210

Priority
CH 144086 A 19860411

Abstract (en)
[origin: US4718520A] A group control assigns elevator cars to floor calls optimized in such a manner, that minimal waiting times result and the elevating capacity is increased. A computing device provided for each elevator calculates at every floor a sum proportional to the time losses of the waiting passengers from the distance between the floor and the car position as indicated by a selector, the intermediate stops to be expected within the distance and the instantaneous car load. By means of call registering devices in the form of ten key keyboards at the floors, it is possible to enter calls for destination floors, so that at the time of calculation, the floor calls and the car calls are available simultaneously. The calculated lost time sum, also called servicing costs, is stored in a cost memory provided for each elevator. During a cost comparison cycle, the servicing costs of all elevators are compared with each other by way of a cost comparison device where in each case an assignment instruction can be stored in an assignment memory of the elevator with the lowest servicing costs which instruction designates that floor to which the respective car is optimally assigned in time.

IPC 1-7
B66B 1/20; **B66B 1/46**

IPC 8 full level
B66B 1/18 (2006.01); **B66B 1/20** (2006.01); **B66B 1/24** (2006.01); **B66B 1/46** (2006.01)

CPC (source: EP US)
B66B 1/2458 (2013.01 - EP US); **B66B 1/468** (2013.01 - EP US); **B66B 2201/103** (2013.01 - EP US); **B66B 2201/211** (2013.01 - EP US); **B66B 2201/214** (2013.01 - EP US); **B66B 2201/222** (2013.01 - EP US); **B66B 2201/235** (2013.01 - EP US); **B66B 2201/403** (2013.01 - EP US); **B66B 2201/4615** (2013.01 - EP US); **B66B 2201/463** (2013.01 - EP US)

Cited by
EP0378834A1; US6011839A; EP1553038A1; EP0419802A1; US4915197A; EP0385810A1; EP0407731A1; US5056628A; EP0312730A1; US4878562A; EP0443188A1; US5305198A; EP0356731A1; US4991694A; US5689094A; EP0301173A1; EP0385811A1; EP0308590A1; US4869348A; US7416057B2; WO2009132698A1

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