Title (en)
CONTROL DEVICES FOR LIFTS WITH DOUBLE CARS

Publication
EP 0177741 B1 19880511 (DE)

Application
EP 85111009 A 19850831

Priority
CH 485784 A 19841009

Abstract (en)
[origin: ES8608439A1] An elevator control receives car calls for certain floors which are subject to a restriction of operation, but does not prevent the storage of these car calls. The car calls subject to the restriction of operation are only served during the trip in the opposite direction, if a load increase has been detected by a load measurement device during the change in the direction of travel. The restriction of operation is only cancelled during a predetermined time interval dependent on the movement of the car door and simultaneous occurrence of a load change caused by added travelers. Two storage cells are connected to the car call circuits for the car calls subject to the restriction of operation where an entered call, during a cancelled restriction of operation, is stored in the first storage cell and, during the restriction of operation, is stored in the second storage cell. A call stored in the first storage cell is transferred to the travel control of the elevator prior to the change of direction of travel and a call stored in the second storage cell is only transferred after the change of direction of the elevator.

IPC 1-7
B66B 1/14

IPC 8 full level
B66B 1/16 (2006.01); **B66B 1/14** (2006.01); **B66B 1/24** (2006.01)

CPC (source: EP US)
B66B 1/2408 (2013.01 - EP US); B66B 2201/306 (2013.01 - EP US); Y10S 187/902 (2013.01 - EP US)

Cited by
EP0301178A1; US5220981A; EP0459169A1; EP0365782A1; US4993518A

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AT BE CH DE FR GB IT LI NL

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EP 0177741 A1 19860416; **EP 0177741 B1 19880511**; AT E34154 T1 19880515; AU 4840285 A 19860417; AU 582795 B2 19890413; CA 1243789 A 19881025; CN 1009913 B 19901010; CN 85107451 A 19860510; DE 3562607 D1 19880616; ES 546820 A0 19860716; ES 8608439 A1 19860716; FI 81554 B 19900731; FI 81554 C 19901112; FI 853919 A0 19851009; FI 853919 L 19860410; HK 64489 A 19890818; JP H0241504 B2 19900918; JP S6190976 A 19860509; MX 161790 A 19901228; US 4655325 A 19870407

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