Title (en)

PROCESS FOR MANAGING PASSENGER TRAFFIC AT THE MAIN STOP OF A LIFT INSTALLATION

Publication

EP 0324068 B1 19911218 (DE)

Application

EP 88117726 A 19881025

Priority

CH 10888 A 19880114

Abstract (en)

[origin: EP0324068A1] In this process for managing passenger traffic at the main stop (HAUPTHALT) of a lift group with n lift cages, sensors (SENSOR. A; SENSOR. B ... SENSOR. N) monitor entering passenger traffic and sensors (SENSOR. 1; SENSOR. 2 ... SENSOR. N) monitor exiting, building-filling passenger traffic. The higher-order algorithm (REGLER) implemented in the processor (RECHNER) determines the traffic volume and the actual departure load of the lift group from the sensor data. Depending on the traffic volume, the actual departure load and constants imported from the input/output unit (TERMINAL), the higher- order algorithm calculates the carrying capacity of the lift group according to a control algorithm. The carrying capacity of the lift group is assigned to the lower-order algorithms (REGLER. 1; REGLER. 2 ... REGLER. n) according to the number of lift cages and the nominal load of the relevant lift cage. The lower-order algorithm of the relevant lift cage calculates the optimum departure load on the basis of the assigned carrying capacity and the circulation time of the relevant lift cage. Depending on the optimum departure load and the actual departure load of the relevant lift cage, the lower-order algorithm determines, according to a control algorithm, the adjusted departure load which is to be imposed on the relevant lift cage. <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 2201/215 (2013.01 - EP US); B66B 2201/222 (2013.01 - EP US)

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