Title (en)
Method and arrangement to allocate requested hall calls to the cabins of an elevator group

Title (de)
Verfahren und Einrichtung zur Zuteilung von auf den Stockwerken eingegebenen Rufen an Kabinen einer Aufzugsgruppe

Title (fr)
Procédé et dispositif pour attribuer des appels de palier aux cabines d'un groupe d'ascenseurs

Publication
EP 0565865 B1 19961227 (DE)

Application
EP 93103915 A 19930311

Priority
CH 124292 A 19920414

Abstract (en)
[origin: EP0565865A1] This arrangement makes it possible for the elevator control automatically to adapt itself to optimisation criteria and traffic conditions given in each case so that an optimum call allocation is achieved. For this purpose, a solution selection arrangement (4) calculates, on the basis of an initial solution, further possible solutions for the call allocation which are supplied to a simulator (2). A traffic model arrangement (1) connected to the simulator (2) supplies information items from which the simulator (2) generates factors, which are related to passengers and/or elevator components, for the solutions. The output of the simulator (2) is connected to a calculation module (3) which, by means of the calculation function, using the factors, evaluates optimisation criteria contained in it so that possible solutions corresponding to the optimisation criteria and to the traffic conditions are found. The output of the calculation module (3) is connected to the solution selection arrangement (4) by means of which the best solution for the call allocation is selected. <IMAGE>

IPC 1-7
B66B 1/20

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

CPC (source: EP)
B66B 1/2408 (2013.01); B66B 2201/211 (2013.01); B66B 2201/213 (2013.01); B66B 2201/215 (2013.01); B66B 2201/216 (2013.01); B66B 2201/403 (2013.01)

Cited by
DE102014114821A1; GB2288675A; GB2288675B; AU698715B2; US5932852A; WO9633123A1

Designated contracting state (EPC)
CH DE FR LI

DOCDB simple family (publication)
EP 0565865 A1 19931020; **EP 0565865 B1 19961227**; DE 59304851 D1 19970206; FI 112789 B 20040115; FI 931640 A0 19930413; FI 931640 A 19931015

DOCDB simple family (application)
EP 93103915 A 19930311; DE 59304851 T 19930311; FI 931640 A 19930413