

Title (en)
ELEVATOR DYNAMIC CHANNELING DISPATCHING FOR UP-PEAK PERIOD

Publication
EP 0452225 A3 19920219 (EN)

Application
EP 91400983 A 19910412

Priority
• US 50831290 A 19900412
• US 50831390 A 19900412
• US 50831890 A 19900412

Abstract (en)
[origin: EP0452225A2] An elevator dispatching system is provided so that floors of a building are assigned to non-overlapping, equal traffic volume sectors that are dynamic in that both the number of floors in the sectors and the number of sectors is variable, depending upon traffic predictions for an up-peak period in the building. The floors within a sector are contiguous and the sectors within the building are contiguous. After the sectors are created an elevator car is assigned to each sector to be dispatched in association therewith. A floor service indicator means displays which elevator cars have been assigned to which sectors. Where the sum of the populations of adjacent sectors falls below 100% of car capacity, said sectors are combined. When the sum of the populations of adjacent sectors does not exceed a given limit, the adjacent sectors are combined and the elevator cars are dispatched according to the new sector assignments. <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 1/2458** (2013.01); **B66B 2201/102** (2013.01); **B66B 2201/211** (2013.01); **B66B 2201/214** (2013.01); **B66B 2201/222** (2013.01); **B66B 2201/302** (2013.01); **B66B 2201/402** (2013.01); **B66B 2201/403** (2013.01)

Citation (search report)
• [X] GB 2205974 A 19881221 - KONE ELEVATOR GMBH
• [AD] EP 0348151 A2 19891227 - OTIS ELEVATOR CO [US]
• [A] US 3648805 A 19720314 - SUOZZO JOHN, et al
• [A] EP 0090642 A2 19831005 - TOKYO SHIBAURA ELECTRIC CO [JP]

Cited by
CN114920097A; CN103935850A; CN108367880A; US7083027B2; CN102190221A; US5382761A; CN107601191A; CN109311624A; EP0846642A1; US5883343A; CN1081161C; US11407611B2; US11993487B2; US6601678B2; WO2017088904A1; US11027943B2; US11691845B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0452225 A2 19911016; EP 0452225 A3 19920219; AU 637892 B2 19930610; AU 7416091 A 19911017; JP H04226288 A 19920814

DOCDB simple family (application)
EP 91400983 A 19910412; AU 7416091 A 19910405; JP 10893891 A 19910412