Title (en)

Elevator dynamic channeling dispatching for up-peak period.

Title (de)

Dynamische Steuerung von Aufzugsverteilung für Aufwärts-Verkehrspitze.

Title (fr)

Canalisation dynamique de la distribution d'appels d'ascenseur pour les heures de pointe du trafic montant.

Publication

EP 0452225 A2 19911016 (EN)

Application

EP 91400983 A 19910412

Priority

- US 50831290 A 19900412
- US 50831390 A 19900412
- US 50831890 A 19900412

Abstract (en)

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)

Cited by

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

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DE FR GB

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