

Title (en)

Elevator system with a plurality of self-moving cabins and at least three parallel shafts

Title (de)

Aufzugsanlage mit mehreren selbstfahrenden Kabinen und mindestens drei nebeneinander angeordneten Aufzugsschächten

Title (fr)

Ascenseur comprenant plusieurs cabines auto-motrice et au moins trois gaines d'ascenseur disposé côte à côte

Publication

EP 1367018 A3 20090114 (DE)

Application

EP 03011506 A 20030521

Priority

- EP 03011506 A 20030521
- EP 02405420 A 20020527

Abstract (en)

[origin: EP1367018A2] The system has a number of individually driven cabins, first and second vertical elevator shafts (10,12) with entrances (14) and a storage shaft (11) between them enabling movement of cabins between shafts, a control system and a drive arrangement. The elevator shafts are arranged with entrances in a plane. The control system and drive arrangement can move empty cabins through transitions to make them available in the shafts as required. AN Independent claim is also included for the following: (a) a method of operating an inventive elevator system.

IPC 8 full level

B66B 9/00 (2006.01); **B66B 1/14** (2006.01); **B66B 1/24** (2006.01); **B66B 9/02** (2006.01)

CPC (source: EP)

B66B 1/2466 (2013.01); **B66B 1/2491** (2013.01); **B66B 9/00** (2013.01); **B66B 9/003** (2013.01); **B66B 9/02** (2013.01); **B66B 2201/102** (2013.01); **B66B 2201/242** (2013.01)

Citation (search report)

- [AD] PATENT ABSTRACTS OF JAPAN vol. 018, no. 338 (M - 1628) 27 June 1994 (1994-06-27)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 338 (M - 1628) 27 June 1994 (1994-06-27)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 279 (M - 1612) 27 May 1994 (1994-05-27)

Cited by

DE102015102563A1; DE102004025664A1; EP1616832A3; EP3124415A1; EP3118149A1; DE102015212903A1; EP1619157A1; CN110997543A; US7621376B2; WO2011098508A1; US7537089B2; WO2016135089A1; WO2016126688A1; WO2019154703A1; US10017354B2; US11084687B2; US10829342B2; DE112017007632B4; US10526166B2; EP1619157B2

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Designated extension state (EPC)

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