

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

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

**EP 1367018 A2 20031203; EP 1367018 A3 20090114; EP 1367018 B1 20101006**

DOCDB simple family (application)

**EP 03011506 A 20030521**