

Title (en)

Linear motor drive, elevator having said drive and method for using said drive

Title (de)

Antrieb mit Linearmotor, Aufzug mit diesem Antrieb und Verfahren zum Betrieb dieses Antriebs

Title (fr)

Entrainement avec moteur linéaire, ascenseur comprenant cet entraînement et méthode d'utilisation de cet entraînement

Publication

**EP 1468950 B1 20080514 (DE)**

Application

**EP 04008042 A 20040402**

Priority

- EP 04008042 A 20040402
- EP 03405257 A 20030414

Abstract (en)

[origin: EP1468950A1] The elevator drive (10) has a linear motor with a secondary part (3) displaced between 2 primary parts (1,1'; 2,2') via guide elements (6,6'; 7,7') provided by the latter, at least one compensation device (5) providing a compensation normal force in opposition to the normal force between each primary part and the secondary part, e.g. via springs (5.1,5.2). Also included are Independent claims for the following: an operating method for a linear motor elevator drive; an elevator with at least one elevator cabin having a linear motor drive.

IPC 8 full level

**B66B 1/34** (2006.01); **B66B 11/04** (2006.01); **B66B 9/02** (2006.01); **B66B 11/08** (2006.01); **H02K 41/02** (2006.01); **H02K 41/03** (2006.01)

CPC (source: EP KR US)

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Cited by

US2022033226A1; US11584621B2

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**US 2004216960 A1 20041104; US 7478706 B2 20090120**; AT E395294 T1 20080515; CA 2464150 A1 20041014; CA 2464150 C 20120110; CN 1315713 C 20070516; CN 1537800 A 20041020; DE 502004007106 D1 20080626; EP 1468950 A1 20041020; EP 1468950 B1 20080514; JP 2004357494 A 20041216; JP 4613027 B2 20110112; KR 101169621 B1 20120730; KR 20040089576 A 20041021

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**US 82326904 A 20040413**; AT 04008042 T 20040402; CA 2464150 A 20040413; CN 200410033387 A 20040407; DE 502004007106 T 20040402; EP 04008042 A 20040402; JP 2004097578 A 20040330; KR 20040025258 A 20040413