

Title (en)

Elevator car comprising a horizontal balancing system

Title (de)

Aufzugskabine mit Horizontalbalanciersystem

Title (fr)

Cabine d'ascenseur comprenant un système d'équilibrage horizontal

Publication

**EP 1433737 B1 20070124 (DE)**

Application

**EP 03028777 A 20031213**

Priority

- EP 03028777 A 20031213
- EP 02406145 A 20021224

Abstract (en)

[origin: EP1433737A1] The cabin (1) is moved vertically in an elevator shaft (9) with vertical guide rails (4) and has spring-mounted rollers (3.1.1 - 3.4.1) for guiding the cabin along the rails and an arrangement for carrying out weight balancing in the event of eccentric loading of the cabin with a hydraulic balancing system (6) with which weight balancing is possible by displacing a liquid.. AN Independent claim is also included for the following: (a) a weight balancing method for elevator cabins.

IPC 8 full level

**B66B 11/02** (2006.01)

CPC (source: EP)

**B66B 11/028** (2013.01)

Cited by

DE102016204180A1; DE102014220445A1; DE102014220445B4; CN114291693A

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DE FR GB

DOCDB simple family (publication)

**EP 1433737 A1 20040630; EP 1433737 B1 20070124**

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