

Title (en)

Elevator with an elevator car and counterweight

Title (de)

Aufzug mit einer Aufzugskabine und einem Gegengewicht

Title (fr)

Ascenseur avec une cabine d'ascenseur et un contrepoids

Publication

**EP 1600417 B1 20080730 (DE)**

Application

**EP 04405321 A 20040525**

Priority

EP 04405321 A 20040525

Abstract (en)

[origin: EP1600417A1] The lift has a lift car and counterweight interconnected by a cable (2) guided over a pulley, and the counterweight compensates for the natural weight of the lift car and a part of the net load. The counterweight (1) is variable in overall weight by at least one additional weight (8) which is detachable from the counterweight in the lift pit. The counterweight has side plates (5,6) which pass by the additional weight in the pit, whereby each side plate has a coupling device (12) to create a releasable connection between the counterweight and additional weight. An independent claim is included for a method for the compensating of a natural weight of a lift car and part of the load by using an additional weight.

IPC 8 full level

**B66B 17/12** (2006.01)

CPC (source: EP)

**B66B 17/12** (2013.01)

Cited by

EP1880970A3; CN114229661A; US8109369B2; US11040859B2

Designated contracting state (EPC)

AT CH DE FR GB LI

DOCDB simple family (publication)

**EP 1600417 A1 20051130; EP 1600417 B1 20080730**; AT E402902 T1 20080815; DE 502004007732 D1 20080911

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