

Title (en)

Method and apparatus for measuring the load in an elevator car

Title (de)

Verfahren und Einrichtung zur Messung der Last in einer Aufzugskabine

Title (fr)

Procédé et dispositif pour mesurer la charge dans une cabine d'ascenseur

Publication

**EP 0755894 B1 20010314 (DE)**

Application

**EP 96111277 A 19960712**

Priority

CH 218795 A 19950726

Abstract (en)

[origin: EP0755894A1] The load measuring system detects the compression of the springs (9) supporting the lift cabin (3) relative to a surrounding carrier frame (7) for detecting variations in the load within the lift cabin. The movement of the lift cabin relative to the carrier frame and the lift shaft is detected via an endless band (12) displaced in conjunction with the lift cabin and a cooperating pulse generator (13). This provides a signal (SL) which is evaluated for controlling the current for the lift drive motor (4).

IPC 1-7

**B66B 1/34**

IPC 8 full level

**G01G 19/14** (2006.01); **B66B 1/30** (2006.01); **B66B 1/34** (2006.01); **B66B 3/00** (2006.01); **B66B 5/14** (2006.01)

CPC (source: EP US)

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Cited by

DE102019200052A1; DE102014225551A1; EP1790607A3; EP1314675A1; DE102010019368A1; EP0953537A3; EP3848314A1

Designated contracting state (EPC)

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