

Title (en)

WEIGHT COMPENSATION DEVICE OF A LIFTING DOOR WITH AT LEAST ONE COMPRESSION SPRING

Title (de)

GEWICHTSAUSGLEICHSVORRICHTUNG EINES HUBTORES MIT ZUMINDEST EINER DRUCKFEDER

Title (fr)

DISPOSITIF DE COMPENSATION DU POIDS D'UNE PORTE RELEVABLE PRÉSENTANT AU MOINS UN RESSORT DE COMPRESSION

Publication

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Application

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Priority

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Abstract (en)

[origin: CA2859150A1] The invention relates to a weight compensation device (1) for a drive (2) of a lifting door, for the position-dependent compensation of the weight force of a door leaf (4) of the lifting door, with a force transmission unit (6) which can be coupled to the drive (2) in order to carry out an opening movement which raises the door leaf (4) and a closing movement which lowers the door leaf (4), wherein at least one compression spring (17) is provided which is arranged in such a way that it supports the opening movement. The invention also relates to a lifting door, in particular an industrial lifting door, which has a door leaf (4), with a drive (2), such as a motor, and with a weight compensation device (1) according to the invention.

IPC 8 full level

E06B 9/62 (2006.01)

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