

Title (en)

DEVICE FOR STRETCHING COMPENSATION IN LIFT CABLES

Title (de)

VORRICHTUNG FÜR DEN VERLÄNGERUNGSAusGLEICH VON AUFZUGSSEILEN

Title (fr)

DISPOSITIF DE COMPENSATION D'ALLONGEMENT DE CABLES D'ASCENSEURS

Publication

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Application

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Abstract (en)

[origin: WO2006120504A1] The invention relates to a device for stretching compensation in lift cables, arranged within a lift unit, with a lift shaft, a cabin (1) (figure 1 and 2), a counter-weight (7) (figure 1 and 2), at least one lift cable (3) (image 1), said cabin and said counter-weight on the pulley (4) (image 1 and 2) and a cable (9) (figure 1 and 2) connected to the underside of the cabin and the counter-weight (figure 2) running around the freely-rotating pulley (10) (figure 1 and 2) in the lift shaft. According to the invention, the device comprises a drive, mechanically connected to the end of at least one cable rod (27) (figure 4) on the underside of the cabin (11) (figure 2) and passing through pressure springs applied to the cabin cable section and a sensor (34) on the spring (12) (figure 1 and 2), which serves to trigger the drive (16) (figures 1, 2, 3 and 4). Two solutions to achieve automatic load compensation on a lift into which a load is charged are given.

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