

Title (en)

LIFT SYSTEM WITH VIBRATION DAMPING

Title (de)

AUFZUGSANLAGE MIT SCHWINGUNGSDÄMPFUNG

Title (fr)

ASCENSEUR AVEC AMORTISSEMENT DES VIBRATIONS

Publication

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Application

EP 18759961 A 20180830

Priority

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- EP 2018073366 W 20180830

Abstract (en)

[origin: WO2019043109A1] The invention relates to an elevator system comprising an elevator cab (3) which can be moved up and down by means of support means (6) and is supported by support means (6) in the form of an underloop. The elevator cab (3) has a support structure (5) for supporting a cab body (4), and deflection rollers (7, 7'; 8, 8') which are mounted on axles (11) in a freely rotatable manner are arranged on the support structure (5) between two parallel supports (9, 9'). The supports (9, 9') have receiving openings (12) formed by bores for securing the axles (11). The axle (11) is held on an inner holding element (16) which is introduced into the receiving opening (12) of the support (9, 9') via an annular elevation (23). An outer holding element (17) is fixed to the support (9, 9'). In order to insulate the cab body (4) from vibrations generated by the deflection rollers, which move during the travel of the cab, a plate-shaped insulating element (10) is provided which is sandwiched between the inner holding element (16) and the outer holding element (17).

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