

Title (en)
Elevator with belt like carrier means

Title (de)
Aufzug mit riemenartigem Übertragungsmittel, insbesondere mit Keilrippen-Riemen, als Tragmittel und/oder Treibmittel

Title (fr)
Ascenseur avec cables du type courroie

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Abstract (en)
[origin: WO03043926A1] The invention relates to a lift system without a machinery room, comprising a driving motor (2), a driving disk (16), a protruding lift cage (3) and a counterweight (8). Said driving motor (2) drives, by means of the driving disk (16), a flat belt-type carrier means (12) which is embodied as a V-ribbed belt, and which carries the lift cage (3) and the counterweight (8) and moves along vertical guiding mechanisms (5, 10). Said V-ribbed belt (12) comprises, at least on its bearing surface facing the driving disk (16), a plurality of ribs and grooves extending parallel in the longitudinal direction of the belt, said ribs and grooves improving the traction capacity of the carrier means.

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