

Title (en)
ELEVATOR WITH A BELT-LIKE TRANSMISSION MEANS, ESPECIALLY WITH A V-RIBBED BELT, SERVING AS SUPPORTING AND/OR DRIVE MEANS

Title (de)
AUFZUG MIT RIEMENARTIGEM ÜBERTRAGUNGSMITTEL, INSBESONDERE MIT KEILRIPPEN-RIEMEN, ALS TRAGMITTEL UND/ODER TREIBMITTEL

Title (fr)
ASCENSEUR POURVU D'UN MOYEN DE TRANSMISSION DU TYPE COURROIE, EN PARTICULIER D'UNE COURROIE TRAPEZOIDALE A NERVURES, SERVANT DE MOYEN DE SUPPORT ET/OU DE MOYEN D'ENTRAINEMENT

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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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