

Title (en)
DRIVE UNIT FOR MOVING LOADS AND PEOPLE, AND DEVICES FOR MOVING PEOPLE AND LOADS COMPRISING SUCH DRIVE UNITS

Title (de)
ANTRIEBSEINHEIT ZUM BEWEGEN VON LASTEN UND PERSONEN SOWIE VERRICHTUNGEN ZUM BEWEGEN VON PERSONEN UND LASTEN MIT DERARTIGEN ANTRIEBSEINHEITEN

Title (fr)
UNITÉ D'ENTRAÎNEMENT POUR DÉPLACER DES CHARGES ET DES PERSONNES, ET DISPOSITIFS POUR DÉPLACER DES PERSONNES ET DES CHARGES AU MOYEN D'UNITÉS D'ENTRAÎNEMENT DE CE TYPE

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Abstract (en)
[origin: WO2013050824A1] The invention relates to a drive unit which comprises a motor (6)-driven spindle (5), rollers (2, 3), and cables (11), and which has a favourable transmission ratio, specifically $N:1$ in which $N = 4 + n$, and n is an integer between -2 and 8 including 0. Said unit is used to move loads and people, is particularly suitable for lifts, is space-saving, environmentally friendly, low-maintenance, economical in terms of energy consumption, and can be used both in the construction of new lifts and in the renovation of older installations. It allows the installation to be operated securely, and people and loads to be transported at high speeds. It can, for example, be installed at the lower or upper end of a shaft, or also outside of the shaft. It can be used for movement in a vertical, horizontal and also inclined direction, and may be provided with a counter weight.

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