

Lift installation with a linear drive system and linear drive system for such a lift installation

Abstract

Lift installation (1) with a lift cage (24) and a permanent magnet linear drive system with a stationary part (20) and with a movable part, which moves along the stationary part (20) when the permanent magnet linear drive system is controlled in drive. The lift cage (24) is arranged in a rucksack configuration. The stationary part (20) has two inclined interaction surfaces (a1, a2) which include an angle between 0° and 180° . The movable part comprises two units (21) which are so arranged in common on a rear side of the lift cage (24) and mechanically positively connected with the lift cage (24) that in the case of drive control each of the two units (21) produces a movement along one of the interaction surfaces (a1, a2) in order to thus move the lift cage (24).

(Fig. 4B)