Title (en)

METHOD FOR BUILDING A LIFT SYSTEM, AND LIFT SYSTEM SUITABLE FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM ERRICHTEN EINER AUFZUGSANLAGE SOWIE ZUR DURCHFÜHRUNG DES VERFAHRENS GEEIGNETE AUFZUGSANLAGE

Title (fr)

PROCÉDÉ POUR CONSTRUIRE UN SYSTÈME D'ASCENSEUR, ET SYSTÈME D'ASCENSEUR APTE À METTRE EN OEUVRE LE PROCÉDÉ

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Application

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Abstract (en)

[origin: WO2021259969A1] The invention relates to a method for building a lift system (1) in a building which is currently being built, in which method a usable lifting height of the lift system is adapted to an increasing height of the building, and in which method - in the lift shaft (2), a liftable and temporarily lockable machine platform (10) is installed, on which a lift-driving machine (11) having a traction drive (12) is located, - a lift car (3) and a counterweight (4) are suspended from the machine platform (10) via suspension means (15), so that the lift car (3) and the counterweight (4) can be moved upwards and downwards along guide rails in the lift shaft (2) by means of the traction drive (12) via the suspension means (15), - above the machine platform (10), a lifting platform (17) is installed which is liftable and temporarily lockable in the lift shaft (2) and by means of which the machine platform (10) is lifted with the lift car (3) or the counterweight (4) when the usable lifting height of the lift car is intended to be adapted to a current height of the lift shaft (2), and wherein - prior to lifting the machine platform (10), the lifting platform (17) is lifted to a higher level by means of a building crane (40) or another lifting device (35), and wherein the lifting platform (17) is equipped with a cable catch device (25.1) which comprises a safety cable (31), at least two load-bearing cable sections of which are arranged, according to the Bowden cable principle, between the lifting platform (17) and a cable pulley support (26) fixed above the lifting platform in the lift shaft (2), wherein a first load-bearing cable section of the safety cable (31) is fixed to the lifting platform (17) or is fixed in a stationary manner above the lifting platform, and a last load-bearing cable section is guided through a cable stop apparatus (30) which is fastened to the lifting platform (17) and by means of which the last load-bearing cable section is blocked and further lowering of the lifting platform (17) is thereby prevented after the speed of the last load-bearing cable section has exceeded a specified limit in relation to the cable stop apparatus (30).

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