

Abstract

5 The invention relates to a lifting device (17) for lifting a payload (23) within an elevator shaft (3) in a controllable manner, said lifting device having a platform (19) to be fixed in the elevator shaft (3), a holding device (33) to be fixed to the payload (23), a lifting cable (29) which is attached to the holding device (33), a securing cable (31) which is secured to the holding device (33) for example, a pulling device (25) which is secured to the platform (19), and a catching device (27) which is secured to the platform (19) for
10 example. The pulling device (25) is designed to actively and controllably displace the lifting cable (29) relative to the platform (19). The lifting device (17) is designed to displace the securing cable (31) in the event of a relative movement between the holding device (33) and the platform (19) such that the securing cable remains tensioned. The securing cable (31) and the catching device (27) are designed such that the catching
15 device (27) blocks a further relative movement between the securing cable (31) and the catching device (27) in the event that the lifting cable (25) fails.

(Fig. 1)