

Abstract

The invention is a method for driving a brake device (22) of a lift system (10) and also a lift system (10) comprising means (42, 44) for executing the method, and a computer program as implementation of the method, wherein the brake device (22) comprises at least one automatically trippable pressure element (24), which is intended to effect a braking action, and also means (32) for automatically tripping the or each pressure element (24), wherein a respectively required braking torque (M) of a lift car (12) of the lift system (10) is ascertained by means of a model (42) of the lift system (10), a respective direction of travel (R), a state of charge (m) and a de-sired car deceleration (Vs), wherein a drive signal (40) for driving a device, which functions as a means (32) for automatically tripping the or each pressure element, is generated on the basis of the braking torque (M) and is supplied to the said device, wherein, when the elevator system (10) is braked, an actual car deceleration (Vi) is ascertained and calibration is performed on the basis of the ascertained actual car deceleration (Vi), specifically calibration of the ascertained required braking torque (M) or calibration of the drive signal (40) which is generated on the basis of the ascertained required braking torque (M).

(Fig. 4 )