

Abstract

This double-decker elevator (7) is equipped with a deck-distance drive machine (DA) which by reference to positional information adjusts the distances between the individual cars (5, 6) in such a way that each car (5, 6) can stop at the corresponding floor (E1...E6) accurately, which means without forming a step. Measured values of position are stored in memories (RAM13, 14) and periodically updated so as to detect any changes such as, for example, building settlement. Based on this data the necessary deck-distances are calculated which are necessary for all the cars (5, 6) to stop without any of them forming a step. Furthermore, the method and the device can be correspondingly extended for a multi-decker elevator and for any type of control (conventional control, destination call control, etc.).

(Fig. 1)

This Sheet Has Been Replaced

