

METHOD AND DEVICE FOR CONTROLLING A ZONALLY OPERATED ELEVATOR INSTALLATION

Abstract

The invention relates to a method for controlling a zonally operated elevator installation, wherein on a changeover floor (S4) changing between the zones (Z0, Z1) is made possible, and wherein with a delivering elevator group (GR1, GR2) and a collecting elevator group (GR2, GR1) transportation to and from the changeover floor (S4) is realized, and wherein a trip destination is entered via a destination-call control (ZEG) by each passenger to be transported. Further, the invention relates to an elevator installation for zonal operation in buildings with several elevators (A-F), wherein each elevator group contains at least one destination-call input device (ZEG) for registering the destination of a passenger, each elevator is assigned to an elevator group (GR1, GR2), the building is divided into zones (Z0, Z1), and a changeover floor (S4) for changing between the elevator groups (GR1, GR2) is arranged between the zones. To operate an elevator installation which allows the transportation capacity of the collecting elevator group to be increased without the transportation capacity of the delivering elevator group being decreased, so as to prevent and limit overfilling of the changeover floor, it is proposed that the delivering elevator group (GR1; GR2) and the collecting elevator group (GR2; GR1) is combined into a multi-group which is controlled by a multi-group control (1), and that using the trip-destination entries and a statistics unit the number of passengers who will change the elevator group (GR1, GR2) on the changeover floor (S4) is determined by the multi-group control (1), and that the elevator groups (GR1, GR2) are controlled by the multi-group control (1) depending on the number of changing passengers.

25 (Fig. 1)