

Abstract**Energy-efficient lift installation**

The invention relates to a lift installation or operating a lift installation which comprises a control unit (SE) and at least one lift cage (AK), in a building with a plurality of storeys (F), wherein the lift cage (AK) is vertically movable between the storeys (F) of the plurality, wherein a lift control unit (ABE) is arranged on at least two storeys (F), wherein a travel request (R1, R2, R3) is input in at least one of the lift control units (ABE), which are arranged on the at least two storeys (F), and communicated to the control unit (SE), wherein a destination storey (Z1, Z2) is defined either by the input into the lift control unit (ABE) or by an input into a control unit (BE), which communicates the input to the control unit (SE), in the lift cage (AK), and wherein the at least one input travel destination (Z1, Z2) and the at least one input travel request (R1, R2, R3) are executed by the control unit (SE) by means of a collect operating mode. According to the invention on each occasion at least one energy consumption value of the lift installation for the journey from a current stopping storey (F, Z1, Z2, R1, R2, R3) of the lift cage (AK) to the respective at least one input destination storey (Z1, Z2) and to the respective at least one input travel request storey (R1, R2, R3) is ascertained by the control unit (SE). A journey is undertaken to that destination storey (Z1, Z2) or travel request storey (R1, R2, R3) for which the at least one energy consumption value of the lift installation is minimal.

(Fig. 3)