

Lift installation in a building with at least one transfer storey

Abstract

The lift installation according to the invention is arranged in a building with at least two lifts, wherein the building is divided into building zones (G1, G2; G3, G4) and each lift has at least one lift cage (7a, 7b, 7c), each lift cage (7a, 7b, 7c) is independently movable by way of an own drive (A1, A2, A3) in an associated cage zone (K1, K2, K3; K1.1, K2.1, K3.1, K1.2, K2.2, K3.2) and each cage zone (K1, K2, K3; K1.1, K2.1, K3.1, K1.2, K2.2, K3.2) has at least one transfer storey (U1.1, U1.2, U2.1, U2.2) and at least one further transfer storey. A first lift has at least three lift cages (7a, 7b, 7c), which are arranged vertically one above the other and which comprise a middle and two adjacent lift cages, wherein the middle lift cage (7a) is independently movable in a middle cage zone (K1; K1.1, K1.2) and the two adjacent lift cages (7b, 7c) are independently movable in two adjacent cage zones (K2, K3; K2.1, K3.1, K2.2, K3.2). In that case, the middle cage zone (K1, K1.1, K1.2) and an adjacent cage zone (K2, K3; K2.1, K3.1, K2.2, K3.2) serve at least one common storey. In addition, at least one of these cage zones (K1.1, K2.1, K3.1, K1.2, K2.2, K3.2) is allocated to two building zones (G1, G2).

(Figure 5)