Patent claims

1. Lift with a lift cage (6), which is a movable in a lift shaft (17) to a plurality of access levels (1-4), and with a plurality of shaft doors (11-14), which are arranged on the respective access levels (1-4) and close off access to the lift shaft (17), characterised in that at least the shaft door (11) of the lowermost access level (1) is permanently lockable.

2. Lift according to claim 1, characterised in that one or more shaft doors (12-14) above the shaft door (11) of the lowermost access level (1) have emergency unlocking means.

3. Lift according to one of claims 1 and 2, characterised in that solely the uppermost shaft door (14) has emergency unlocking means.

4. Lift according to claim 1, characterised in that all shaft doors (11-14) are permanently lockable.

5. Lift according to any one of the preceding claims, characterised in that the floor of the lift cage (6) is at least partially openable so that when the lift cage (6) is stopped on the lowermost access level (1) the region of the shaft floor (8) of the lift shaft (17) is accessible for maintenance and servicing operations.

6. Lift according to claim 5, characterised in that the floor of the lift cage (6) has one or more panels which can be folded up in the lift cage interior in order to open the floor.

7. Lift according to claim 5, characterised in that the floor of the lift cage (6) has one or more base regions which are constructed as slides so that these are laterally displaceable in order to open the floor.

8. Lift according to any one of the preceding claims, characterised in that the lift cage (6), when the cage doors are closed, is controllable from its interior to be movable in the service mode.

9. Lift according to claim 8, characterised in that the lift cage (6), when the cage doors are closed, is controllable outside its interior to be movable in the service mode in that a

cable-supported control apparatus is accommodated in the interior of the lift cage (6) in an inserted niche which is covered and secured by a cover, a door or a slide and the control apparatus is removable when the niche is opened.

10. Lift according to claim 8, characterised in that the lift cage (6), when the cage doors are closed, is controllable from its interior to be movable in the service mode in that the lift cage has in its interior plug positions for creating a cable connection with portable control apparatus.

11. Lift according to claim 8, characterised in that the lift cage (6), when the cage doors are closed, is controllable from its interior to be movable in the service mode in that a wireless transmitter acts as control apparatus and the lift cage (6) is equipped with a wireless interface to a control of a lift drive.

12. Lift according to claim 7, characterised in that the lift cage (6), when the cage doors are closed, is controllable from its interior to be movable in the service mode in that a specific button combination for control of the service mode is assigned to the existing or a special keyboard in the interior of the lift cage (6).

Patent claims

1. Lift with a lift cage (6), which is a movable in a lift shaft (17) to a plurality of access levels (1-4), and with a plurality of shaft doors (11-14), which are arranged on the respective access levels (1-4) and close off access to the lift shaft (17), characterised in that all shaft doors (11-14) are permanently lockable.

2. Lift according to claim 1, characterised in that one or more shaft doors (12-14) above the shaft door (11) of the lowermost access level (1) have emergency unlocking means.

3. Lift according to one of claims 1 and 2, characterised in that solely the uppermost shaft door (14) has emergency unlocking means.

4. Lift according to any one of the preceding claims, characterised in that the floor of the lift cage (6) is at least partially openable so that when the lift cage (6) is stopped on the lowermost access level (1) the region of the shaft floor (8) of the lift shaft (17) is accessible for maintenance and servicing operations.

5. Lift according to claim 4, characterised in that the floor of the lift cage (6) has one or more panels which can be folded up in the lift cage interior in order to open the floor.

6. Lift according to claim 4, characterised in that the floor of the lift cage (6) has one or more base regions which are constructed as slides so that these are laterally displaceable in order to open the floor.

7. Lift according to any one of the preceding claims, characterised in that the lift cage (6), when the cage doors are closed, is controllable from its interior to be movable in the service mode.

8. Lift according to claim 7, characterised in that the lift cage (6), when the cage doors are closed, is controllable outside its interior to be movable in the service mode in that a cable-supported control apparatus is accommodated in the interior of the lift cage (6) in an inserted niche which is covered and secured by a cover, a door or a slide and the control apparatus is removable when the niche is opened.

9. Lift according to claim 7, characterised in that the lift cage (6), when the cage doors are closed, is controllable from its interior to be movable in the service mode in that the lift cage has in its interior plug positions for creating a cable connection with portable control apparatus.

10. Lift according to claim 7, characterised in that the lift cage (6), when the cage doors are closed, is controllable from its interior to be movable in the service mode in that a wireless transmitter acts as control apparatus and the lift cage (6) is equipped with a wireless interface to a control of a lift drive.

11. Lift according to claim 5, characterised in that the lift cage (6), when the cage doors are closed, is controllable from its interior to be movable in the service mode in that a specific button combination for control of the service mode is assigned to the existing or a special keyboard in the interior of the lift cage (6).