

Title (en)

LIFT INSTALLATION HAVING A VIRTUAL PROTECTION AREA AT THE BOTTOM AND/OR THE TOP OF THE LIFT SHAFT, AND METHOD FOR CONTROLLING THE SAME

Title (de)

AUFZUGANLAGE MIT VIRTUELLER SCHUTZZONE AM SCHACHTFUSS UND/ODER AM SCHACHTKOPF UND VERFAHREN ZUM ANSTEUERN DERSELBEN

Title (fr)

INSTALLATION D'ASCENSEUR AVEC ZONE DE PROTECTION VIRTUELLE AU NIVEAU DU FOND ET/OU DU SOMMET DE LA CAGE D'ASCENSEUR, ET PROCEDE DE COMMANDE DE CETTE INSTALLATION

Publication

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Application

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Abstract (en)

[origin: WO03008316A1] The invention relates to a lift installation (20) comprising a lift cage (21), a lift shaft (22) and a drive unit (25), the lift cage (21) being moveably installed in the lift shaft (22) and controlled by the drive unit (25) in such a way that it (21) can stop at various positions in the lift shaft (22). Said lift shaft (22) is provided with a detection device (29) for detecting whether a person is in a critical area (32, 33) of the lift shaft (22) or whether the person is about to arrive into one such area. The detection device (29) is connected to the drive unit (25) in such a way that the lift installation (20) can be switched into a special operating mode if a person is in the critical area (32, 33) or about to arrive into the same. The drive unit (25) comprises a special control device (30) which, when the lift installation is in the special operating mode, stops the lift cage (21) before it arrives in the critical area (32, 33). To this end, the detection device (29) and the special control device (30) are designed in an operationally-safe manner in order to prevent the lift cage (21) from entering the critical area (32, 33). When the lift installation is in the special operating mode, the special control device (30) enables the lift cage (21) to be operated in an undisturbed manner in an area outside the critical area (32, 33).

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