

Lift installation and use of such a lift installation for high-speed lifts**Abstract**

Lift installation (1) with a lift shaft (10) and a lift cage (11), which is so connected by way of support means with a counterweight (12) that on movement of the lift cage (11) the counterweight (12) executes an opposite movement and the lift cage (11) moves past the counterweight (12) in a proximity region (A) in the lift shaft (10). Provided in the proximity region (A) an enlargement (E) of the cross-section (Q) of the lift shaft (10) so as to reduce a pressure shock which builds up in the proximity region (A) when the lift cage (11) moves past the counterweight (12). Noise and vibrations can thereby be prevented.

(Fig. 1)