

**Lift installation, a guide rail of a lift installation, brake equipment of a lift installation
and a method for guiding, holding and braking a lift installation**

Abstract:

The invention relates to a lift installation (1), a guide rail (7) of a lift installation, brake equipment (10) of a lift installation and a method for guiding, holding and braking a lift installation (1). The brake equipment (10) comprises a brake lining (12) which co-operates with a brake surface (11), advantageously with the brake surface (11) of a guide rail (7), for the purpose of the braking and holding. The invention is characterised in that the brake surface (11) has at least one longitudinal wedge groove or wedge elevation which is oriented in braking direction and on which the brake lining (12) acts in case of need. An amplification of the braking force is achieved by the longitudinal wedge groove or wedge elevation.

(Fig. 3)