

ABSTRACT

An elevator hoist, with the adoption of which the area occupied by an elevator is reduced and which enables access to a brake and an encoder or the like from the elevator car side to facilitate maintenance of the brake. The elevator hoist has a sheave (5) around which a rope (6) connected to the elevator car is wrapped, a rotor (2) for driving the sheave, a stator housing (36) in which stator coils (21) are arranged so as to face a permanent magnet (9) arranged in a circular ring shape in the rotor (2), and a brake shoe (11) for braking the rotor (2). The sheave (5) is placed so as to face a hoistway wall, the rotor (2) has a depression on the sheave side, and the brake shoe (11) is placed in the depression. The rotor (2) has a rotor hole (4) opened to a size greater than a cross section of the brake shoe (11). The stator housing (36) has a stator hole (3) opened to a size greater than the cross section of the brake shoe (11).