

ELEVATOR SYSTEM

ABSTRACT

An elevator system in which a car 1 and a counter weight 12 suspended by a rope 5 in an elevator shaft are driven by a hoist 10, comprises a suspending pulley 8 provided on the upper part of the car 1, a rope hitch 4 provided on the car 1, a suspending pulley 13 provided on the upper part of the counter weight 12, and a rope hitch 15 provided on the upper part of the counter weight 12, wherein the vertical projection of a drive sheave 11 of the hoist is not overlapped with that of the car 1, and the vertical projection of an end of a brake section 21 or a position detector 22 of the hoist 10 on the side remote from the drive sheave 11 is positioned within that of the car 1. In this elevator system, the drive unit can be made is small and maintenance of a brake section or the position detector is facilitated.

FIGURE 1