

ABSTRACT OF THE DISCLOSURE

ELEVATOR SYSTEM AND CAR POSITION DETERMINATION METHOD

A storage unit that stores the heights of floors of an elevator, an atmospheric pressure measuring unit provided on a car to measure atmospheric pressure at a height where an identifier detected by a detection unit is located, a calculation unit that calculates atmospheric pressure at each floor of the elevator, based on the atmospheric pressure at the height where the identifier is located, and the heights of the floors stored in the storage unit, and a determination unit that determines the position of the car from the atmospheric pressure at each floor calculated by the calculation unit, and atmospheric pressure measured by the atmospheric pressure measuring unit.

(fig.1)