

ABSTRACT OF THE DISCLOSURE

METHOD FOR CONTROLLING STOP POSITION OF ELEVATOR CAGE

An improved method for controlling a stop position of an elevator cage capable of more correctly controlling a stop position of an elevator using a certain value obtained by converting a light received from a light emitting device into a digital value when a position detection plate is disposed between light emitting devices and light receiving devices of a sensor, which includes the steps of a first step which judges whether or not the elevator cage is positioned at a door zone when a position detection plate is inserted between a plurality of light emitting devices and a plurality of light receiving devices in accordance with an ascending/descending operation of the elevator cage, and generates a predetermined number of lights by turning on/off the light emitting devices of a sensor; a second step which converts the predetermined number of lights of the first step passed through the position detection plate inserted between the light emitting devices and the light receiving devices of the sensor; and a third step which compares the digital data value of the second step with a previously set reference value and controls a stop position of an elevator cage in accordance with a result of the comparison.