

SPEED GOVERNOR AND ELEVATOR EMPLOYING THE SPEED GOVERNOR

ABSTRACT OF THE DISCLOSURE

In a speed governor linkage mechanism that is displaced by centrifugal force acting on rotary weights, a balancing weight is provided in addition to speed adjustment spring for generating balancing force in opposition to the centrifugal force. When the speed of the cage is less than a prescribed speed, restraint of movement of the speed governor linkage mechanism is performed solely by the balancing force produced by balancing weight but when the speed of the cage exceeds said prescribed speed, restraint of movement of the speed governor linkage mechanism is performed by both the balancing force produced by the balancing weight and the balancing force produced by the speed adjustment spring.

Figure 5



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