



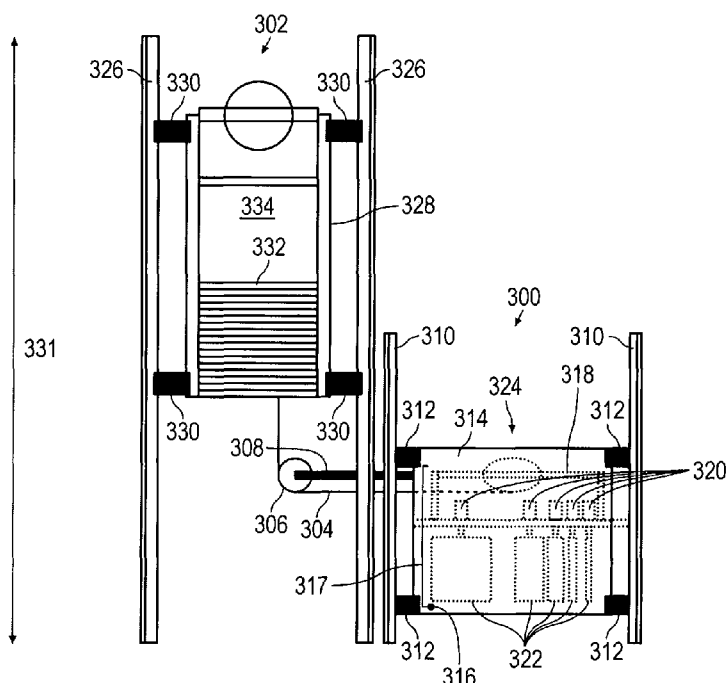
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(54) Title: ACTIVE COMPENSATION IN AN ELEVATOR SYSTEM



(57) Abstract: An active compensation unit (300) for a counterweight system (300, 302) in an elevator system (400, 500) has a variable weight unit (317). The active compensation unit is arranged to vary an amount of weight of the variable weight unit coupled in the counterweight system in dependence of an operating condition of the elevator system. A method of providing active compensation for a counterweight system (300, 302) using an active compensation unit (300) having a variable weight unit (317) mechanically coupled in the counterweight system comprises varying an amount of weight of the variable weight unit in dependence of an operating condition of the elevator system.



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