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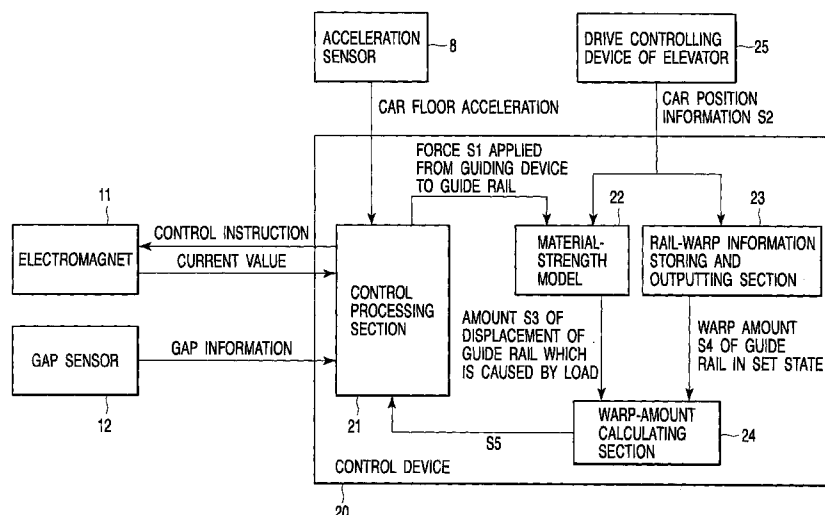
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(54) Title: GUIDING DEVICES OF ELEVATOR



(57) Abstract: A device, which is provided at a car, for guiding the car along guide rails, the device comprises, a non-contact type of actuator (11) configured to generate a magnetic force which keeps the actuator away from surfaces of a rail by predetermined distances, a unit (12) configured to detect a distance between the rail and the car, a unit (22) configured to determine an amount of displacement of the rail which is caused by a load which generates at time of guiding, based on a value of the magnetic force and the distance, a unit (25) configured to acquire position information regarding the car, a unit (24) configured to calculate an amount of a warp occurring at time of setting the rail, which corresponds to the information, and a unit (21) configured to control the magnetic force based on a total value of the determined amount of the displacement and the amount of the warp.

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