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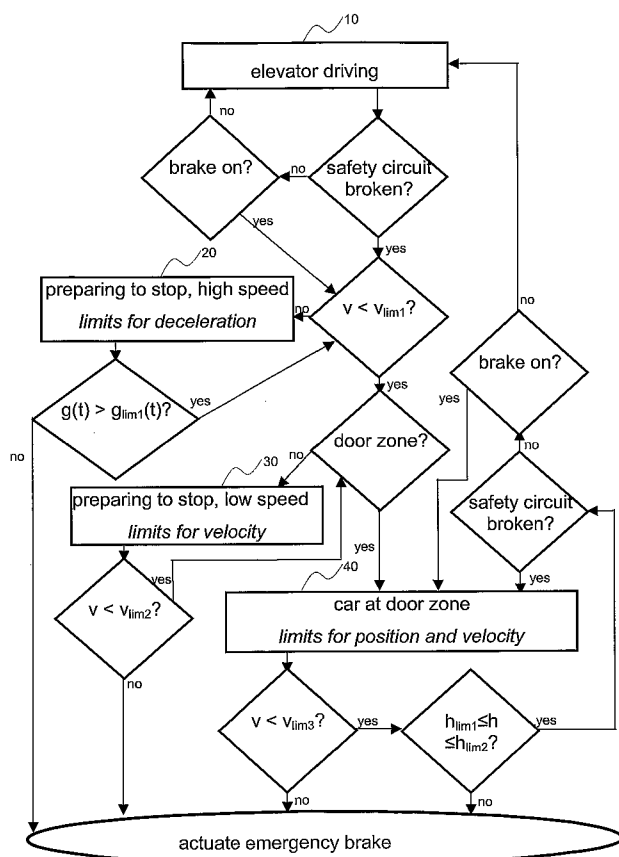
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(54) Title: ELAVATOR SYSTEM



(57) Abstract: The elevator system incorporates a safety arrangement and a control of the safety arrangement. The safety arrangement comprises at least one mechanical stopping appliance and the control of the safety arrangement comprises at least one limit value that sets the speed, deceleration or permitted vertical distance from the door zone of the elevator car. The control also comprises measurement of time and the limit value is defined as a function of time. In the method for ensuring safety in an elevator system at least one mechanical stopping appliance is fitted to the safety arrangement of the elevator system and at least one limit value that sets the speed, deceleration or permitted vertical distance from the door zone of the elevator car is set for the control of the safety arrangement. The passage of time is measured and at least one limit value of the control of the safety arrangement is set as a variable function with respect to time.



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