METHOD AND CONTROL UNIT FOR CHECKING ELEVATOR SYSTEM SAFETY FUNCTIONS

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ABSTRACT

An elevator system includes a control unit, a bus, a plurality of bus-nodes connected via the bus with the control unit, and a plurality of safety-state detection devices connected with the control unit via the bus-nodes. A method of commissioning the elevator system includes the steps: A) verification by the control unit of the safety-state detection means that are connected to the bus; B) checking of the functional capability of the safety-state detection means that are connected; C) checking by the control unit of the safety functions of the elevator system based on a change in state of a safety-state detection means; and D) release of the elevator system for a normal operation only after positive execution by the control unit of the steps A) to C), wherein the release is accompanied by a change in state of the control unit from an unsecured state into a secured state.

17 Claims, 2 Drawing Sheets