

Title (en)
ELEVATOR CONTROL SYSTEM

Title (de)
AUFZUGSSTEUERSYSTEM

Title (fr)
SYSTEME DE COMMANDE D'ASCENSEUR

Publication
EP 1584597 A1 20051012 (EN)

Application
EP 02785990 A 20021129

Priority
JP 0212537 W 20021129

Abstract (en)
In an elevator including: an electric motor for rotating a sheave wound with a main rope suspending an elevator car and a counterweight to move the electric car; a controller for driving the electric motor; an electromagnetic brake for stopping the elevator car to hold the elevator car in a stationary state; and an encoder for detecting rotation of the electric motor, when in a state in which after the elevator car is stopped at a certain hall, a door of the elevator car is opened to permit passengers to get on and off the elevator car, while the electromagnetic brake is in operation, a standstill holding force of the electromagnetic brake is insufficient to permit the elevator car to start a little movement, and thus an rotational angle of the electric motor is detected by the encoder, the controller controls the driving of the electric motor so as to generate a torque used to prevent the rotation of the electric motor. <IMAGE>

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B66B 1/32; **B66B 1/44**; **B66B 5/02**

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Citation (search report)
See references of WO 2004050523A1

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