

Title (en)
ELEVATOR DOOR CONTROLLER

Title (de)
STEUERUNG FÜR AUFZUGTÜR

Title (fr)
UNITE DE COMMANDE DE PORTES D'ASCENSEUR

Publication
EP 1544152 A1 20050622 (EN)

Application
EP 03798459 A 20030924

Priority
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Abstract (en)
An elevator door control device capable of setting an appropriate door velocity, where the door velocity is made faster, or the door opening and closing time is made shorter, in a range that can comply with kinetic energy restrictions is achieved. The elevator door control device performs elevator door opening and closing control by outputting a torque command to an elevator door driving unit, the torque command corresponding to a motor speed pattern selected from a plurality of motor speed patterns. The kinetic energy of the door is computed at each floor based on the mass of the elevator door at each floor and based on door velocity information during door opening and closing operations. One out of the plurality of motor speed patterns is selected as the motor speed pattern at each floor based on the computational results. <IMAGE>

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B66B 13/14

IPC 8 full level
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B66B 13/14 (2013.01 - KR); **B66B 13/146** (2013.01 - EP)

Cited by
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