

Title (en)  
ELEVATOR

Title (de)  
AUFZUG

Title (fr)  
ASCENSEUR

Publication  
**EP 1454867 A4 20100707 (EN)**

Application  
**EP 01274956 A 20011211**

Priority  
JP 0110848 W 20011211

Abstract (en)  
[origin: EP1454867A1] There is provided a first governor (121) which restrains the circulatory movement of a governor rope (13) suspended in a hoistway (1) when the speed of a car (8), the car ascending/descending a hoistway (1), has reached a first overspeed, thereby causing an emergency stopper (10) engaging a guide rail to perform braking operation. The car (8) is provided with a second governor (42). When the speed of the car has reached a second overspeed lower than the first overspeed, the emergency stopper (10) is caused to perform braking operation. Further, end region drive means (55) is provided in the hoistway (1), and the second governor (42) is driven when the car (8) ascends or descends across the end region. <??>By means of such a construction, when the car (8) descends at an overspeed in the end region of the hoistway (1), the emergency stopper (10) performs braking operation at an overspeed lower than an emergency braking overspeed which would be achieved in an intermediate region of the hoistway (1). As a result, a buffer ascending/descending distance of the car (8) at the end of the hoistway can be shortened, thereby curtailing the cost for constructing the hoistway (1) and the cost for manufacturing a buffer (111). <IMAGE>

IPC 1-7  
**B66B 5/04**

IPC 8 full level  
**B66B 5/04** (2006.01); **B66B 5/08** (2006.01)

CPC (source: EP KR)  
**B66B 1/32** (2013.01 - KR); **B66B 5/044** (2013.01 - EP); **B66B 5/08** (2013.01 - EP)

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