

Title (en)  
ELEVATOR DEVICE

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ASCENSEUR

Publication  
**EP 2022743 A1 20090211 (EN)**

Application  
**EP 06780622 A 20060601**

Priority  
JP 2006310988 W 20060601

Abstract (en)  
A counterweight is provided with a displacement body that is displaceable with respect to the counterweight. A car and the counterweight are suspended by a main rope connected to the displacement body. The counterweight is provided with a weight-side fixed pulley, and the displacement body is provided with a weight-side movable pulley. When the displacement body is pulled by the main rope to be displaced with respect to the counterweight, the weight-side movable pulley is thereby displaced away from the weight-side fixed pulley. A hoistway-side upper return pulley and a hoistway-side lower return pulley are provided in an upper portion of a hoistway and a lower portion of the hoistway, respectively. A drive rope, to which a tensile force is applied through displacement of the weight-side movable pulley away from the weight-side fixed pulley, is looped in succession around the hoistway-side upper return pulley, the weight-side fixed pulley, the weight-side movable pulley, and the hoistway-side lower return pulley. When the drive device rotates the hoistway-side upper return pulley, the car and the counterweight are thereby raised/lowered within the hoistway.

IPC 8 full level  
**B66B 7/06** (2006.01); **B66B 11/00** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP KR)  
**B66B 7/06** (2013.01 - KR); **B66B 11/00** (2013.01 - KR); **B66B 11/003** (2013.01 - EP); **B66B 11/009** (2013.01 - EP); **B66B 11/08** (2013.01 - KR)

Cited by  
EP3168181A4; ITFI20110112A1

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DE

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 2022743 A1 20090211**; **EP 2022743 A4 20130410**; CN 101356110 A 20090128; CN 101356110 B 20100714;  
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