

Title (en)  
ELEVATOR DEVICE

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ASCENSEUR

Publication  
**EP 2607283 A4 20171115 (EN)**

Application  
**EP 10856161 A 20100820**

Priority  
JP 2010064060 W 20100820

Abstract (en)  
[origin: EP2607283A1] In an elevator apparatus, a machine base that supports a hoisting machine and a counterweight rope fastening member is fixed to upper portions of counterweight guide rails. First and second side beams are disposed in an upper portion inside the hoistway. The first and second side beams are disposed on two sides of a car when viewed from directly above, and are fixed to the machine base or upper portions of the counterweight guide rails and upper portions of the car guide rails. Tension from first and second suspending means that acts on first and second car rope fastening members is supported by the first and second side beams.

IPC 8 full level  
**B66B 7/06** (2006.01); **B66B 11/00** (2006.01); **B66B 11/04** (2006.01)

CPC (source: EP KR)  
**B66B 7/06** (2013.01 - KR); **B66B 11/0045** (2013.01 - EP); **B66B 11/008** (2013.01 - EP); **B66B 11/04** (2013.01 - KR)

Citation (search report)

- [A] US 2006016641 A1 20060126 - KOEPPE ROBERT J JR [US]
- [A] EP 1961688 A1 20080827 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2012023204A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2607283 A1 20130626; EP 2607283 A4 20171115; EP 2607283 B1 20181017**; CN 103068712 A 20130424; CN 103068712 B 20150708; JP 5570602 B2 20140813; JP WO2012023204 A1 20131028; KR 101437800 B1 20140903; KR 20130054374 A 20130524; WO 2012023204 A1 20120223

DOCDB simple family (application)  
**EP 10856161 A 20100820**; CN 201080068648 A 20100820; JP 2010064060 W 20100820; JP 2012529466 A 20100820; KR 20137006947 A 20100820