

Title (en)  
ELEVATOR APPARATUS

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
DISPOSITIF ELEVATEUR

Publication  
**EP 1693329 A1 20060823 (EN)**

Application  
**EP 03778823 A 20031211**

Priority  
JP 0315881 W 20031211

Abstract (en)  
In an elevator apparatus, a driving machine having a drive sheave is installed in an upper portion of a hoistway. A return pulley is also installed in an upper portion of the hoistway. A car and a counterweight are suspended by first and second main ropes. The first main ropes have: first car end portions connected to the car near a first side surface portion; and first counterweight end portions connected to the counterweight, and are wound around the drive sheave. The second main ropes have: second car end portions connected to the car near a second side surface portion; and second counterweight end portions connected to the counterweight, and are wound around the drive sheave and the return pulley.

IPC 8 full level  
**B66B 7/06** (2006.01); **B66B 1/28** (2006.01); **B66B 11/00** (2006.01)

CPC (source: EP)  
**B66B 1/28** (2013.01); **B66B 11/0045** (2013.01); **B66B 11/008** (2013.01)

Designated contracting state (EPC)  
DE

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