

Title (en)  
ELEVATOR DEVICE

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ASCENSEUR

Publication  
**EP 2154099 A4 20140115 (EN)**

Application  
**EP 07744553 A 20070601**

Priority  
JP 2007061165 W 20070601

Abstract (en)  
[origin: EP2154099A1] In an elevator apparatus, a driving machine is disposed in an upper portion of a hoistway such that a rotating shaft of a drive sheave is vertical. A car return sheave, a counterweight return sheave, and a deflecting sheave around which a suspending means is wound are disposed in an upper portion of the hoistway. Respective rotating shafts of the car return sheave, the counterweight return sheave, and the deflecting sheave are horizontal. A direction of flexure of the suspending means at the car return sheave and a direction of flexure of the suspending means at the deflecting sheave are mutually opposite directions.

IPC 8 full level  
**B66B 11/00** (2006.01); **B66B 11/02** (2006.01); **B66B 11/04** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP KR)  
**B66B 7/00** (2013.01 - KR); **B66B 7/06** (2013.01 - KR); **B66B 11/008** (2013.01 - EP); **B66B 11/02** (2013.01 - EP); **B66B 11/04** (2013.01 - KR); **B66B 11/043** (2013.01 - EP); **B66B 11/08** (2013.01 - KR)

Citation (search report)

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- [A] US 6006865 A 19991228 - AMMON URS [CH]
- [A] WO 2006038256 A1 20060413 - MITSUBISHI ELECTRIC CORP [JP], et al & EP 1795484 A1 20070613 - MITSUBISHI ELECTRIC CORP [JP]
- [A] WO 2006033146 A1 20060330 - MITSUBISHI ELECTRIC CORP [JP], et al & EP 1792867 A1 20070606 - MITSUBISHI ELECTRIC CORP [JP]
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DOCDB simple family (publication)  
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