

Title (en)  
ELEVATOR APPARATUS

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
APPAREIL D ASCENSEUR

Publication  
**EP 1905719 A4 20130227 (EN)**

Application  
**EP 05766225 A 20050715**

Priority  
JP 2005013147 W 20050715

Abstract (en)  
[origin: EP1905719A1] In an elevator apparatus, a driving machine is disposed in an upper portion inside a hoistway such that a rotating shaft of a drive sheave is vertical. First and second car suspension portions are disposed on an upper portion of a car so as to be spaced apart from each other. A first car end portion of a first main rope is connected to the first car suspension portion. A second car end portion of a second main rope is connected to the second car suspension portion. The first and second car suspension portions are disposed at positions that are equidistant from a center of gravity of the car when viewed from above.

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

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

Citation (search report)

- [E] EP 1801061 A1 20070627 - MITSUBISHI ELECTRIC CORP [JP]
- [E] EP 1886956 A1 20080213 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2007010589A1

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 1905719 A1 20080402; EP 1905719 A4 20130227**; CN 101010250 A 20070801; JP WO2007010589 A1 20090129;  
WO 2007010589 A1 20070125

DOCDB simple family (application)  
**EP 05766225 A 20050715**; CN 200580029368 A 20050715; JP 2005013147 W 20050715; JP 2006538574 A 20050715