

Title (en)  
ELEVATOR DEVICE

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ASCENSEURS

Publication  
**EP 1329412 A1 20030723 (EN)**

Application  
**EP 00964753 A 20001010**

Priority  
JP 0007026 W 20001010

Abstract (en)  
In an elevator apparatus, an upper car and a lower car are raised and lowered in a common hoistway. An upper car driving machine and a lower car driving machine are disposed horizontally in an upper portion inside the hoistway such that rotating shafts of drive sheaves thereof extend vertically. The upper car, the lower car, and a counterweight are suspended inside the hoistway by a main rope body wound around the drive sheaves.  
<IMAGE>

IPC 1-7  
**B66B 7/00**; **B66B 7/06**; **B66B 11/04**

IPC 8 full level  
**B66B 1/14** (2006.01); **B66B 1/24** (2006.01); **B66B 9/00** (2006.01); **B66B 11/00** (2006.01)

CPC (source: EP)  
**B66B 9/00** (2013.01); **B66B 11/0095** (2013.01)

Cited by  
EP1935827A1; DE102019206165A1; EP2072445A1; EP1700811A1; EP1700809A1; EP1905717A1; EP1795484A4; EP1918238A1; RU2495814C2; CN101896414A; RU2493091C2; EP1935823A1; US7661513B2; US7467691B2; US7779967B2; WO2009080538A1; WO2006097140A1; WO2009077397A1; WO2009080476A1; EP1935826A1; US8651241B2; US7753174B2; US7762376B2; US7857103B2; US7360629B2; US7857104B2; WO2006097138A1; WO2009080503A1; EP1935823B2; EP2227429B1

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