

Title (en)  
ELEVATOR

Title (de)  
AUFZUG

Title (fr)  
ASCENSEUR

Publication  
**EP 1057769 A4 20090408 (EN)**

Application  
**EP 98961449 A 19981221**

Priority  
JP 9805778 W 19981221

Abstract (en)  
[origin: EP1057769A1] In an elevator apparatus, a hoisting machine is provided at the bottom part of a hoistway. A straight line connecting a pair of car guide rails together passes the center of gravity of a car or the vicinity thereof when viewed from a vertical projection plane. A straight line connecting a pair of car suspension sheaves together diagonal with respect to the straight line between the car guide rails so as to intersect it at the center of gravity of the car or in the vicinity thereof. Thus, a maintenance area for the hoisting machine is provided on side of the straight line connecting the car suspension sheaves together. <IMAGE>

IPC 1-7  
**B66B 7/00**; **B66B 7/06**; **B66B 11/08**

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

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

Citation (search report)

- [A] CA 2310184 A1 19951105 - KONE OY [FI]
- [A] JP H024875 U 19900112
- [A] EP 0841283 A1 19980513 - INVENTIO AG [CH]
- See references of WO 0037349A1

Cited by  
KR100789518B1; CN100358793C; WO2004028949A1

Designated contracting state (EPC)  
DE FR NL

DOCDB simple family (publication)  
**EP 1057769 A1 20001206**; **EP 1057769 A4 20090408**; **EP 1057769 B1 20100210**; CN 1091742 C 20021002; CN 1284044 A 20010214; DE 69841498 D1 20100325; WO 0037349 A1 20000629

DOCDB simple family (application)  
**EP 98961449 A 19981221**; CN 98813364 A 19981221; DE 69841498 T 19981221; JP 9805778 W 19981221