

Title (en)  
ELEVATOR

Title (de)  
AUFZUG

Title (fr)  
ASCENSEUR

Publication  
**EP 1717184 A4 20091021 (EN)**

Application  
**EP 04711442 A 20040216**

Priority  
JP 2004001641 W 20040216

Abstract (en)  
[origin: EP1717184A1] In an elevator apparatus, a car and a counterweight are raised and lowered inside a hoistway by a driving machine. A pair of car guide rails for guiding raising and lowering of the car are installed inside the hoistway. The car guide rails are disposed such that a straight line joining the car guide rails intersects a center line in a width direction of the car obliquely when viewed from above. The counterweight is disposed in a space behind a car guide rail positioned near a front end in a depth direction of the car.

IPC 8 full level  
**B66B 7/02** (2006.01)

CPC (source: EP)  
**B66B 7/021** (2013.01); **B66B 11/008** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2005077805A1

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 1717184 A1 20061102; EP 1717184 A4 20091021; EP 1717184 B1 20110713**; CN 100333989 C 20070829; CN 1747887 A 20060315; JP 4397896 B2 20100113; JP WO2005077805 A1 20070830; WO 2005077805 A1 20050825

DOCDB simple family (application)  
**EP 04711442 A 20040216**; CN 200480003824 A 20040216; JP 2004001641 W 20040216; JP 2005517865 A 20040216