

Title (en)  
ELEVATOR

Title (de)  
AUFZUG

Title (fr)  
ASCENSEUR

Publication  
**EP 1500620 A4 20100414 (EN)**

Application  
**EP 02720637 A 20020430**

Priority  
JP 0204329 W 20020430

Abstract (en)  
[origin: EP1500620A1] Provided is an elevator apparatus including a deflector sheave that is arranged in an upper portion of the hoistway and guides a main rope from a driving sheave to a car suspension sheave. The driving machine is arranged so as to overlap a car in a vertical plane of projection, and the deflector sheave is arranged such that the rotation shaft of the deflector sheave extends parallel to the rotation shaft of the driving sheave, with the deflector sheave being arranged in a plane perpendicularly crossing the rotation shaft of the driving sheave and including the driving sheave. <IMAGE>

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

IPC 8 full level  
**B66B 7/00** (2006.01); **B66B 11/00** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP KR)  
**B66B 11/0045** (2013.01 - EP); **B66B 11/008** (2013.01 - EP); **B66B 11/04** (2013.01 - KR)

Citation (search report)

- [XY] JP 2001080843 A 20010327 - MITSUBISHI ELECTRIC CORP
- [XY] US 2002040830 A1 20020411 - HAMAGUCHI SYUKI [JP]
- See references of WO 03093155A1

Cited by  
EP2807106A4; US10035682B2; WO2013110861A1

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 1500620 A1 20050126**; **EP 1500620 A4 20100414**; CN 1649790 A 20050803; JP WO2003093155 A1 20050908; KR 20040010737 A 20040131; WO 03093155 A1 20031113

DOCDB simple family (application)  
**EP 02720637 A 20020430**; CN 02811572 A 20020430; JP 0204329 W 20020430; JP 2004501298 A 20020430; KR 20037016554 A 20031218