

Title (en)
ELEVATOR EQUIPMENT

Title (de)
AUFZUGSEINRICHTUNG

Title (fr)
EQUIPEMENT ELEVATEUR

Publication
EP 1568644 A1 20050831 (EN)

Application
EP 02783767 A 20021204

Priority
JP 0212713 W 20021204

Abstract (en)
In an elevator apparatus, a car deflector sheave that guides main ropes from a driving sheave to a car, and a counterweight deflector sheave that guides the main ropes from the driving sheave to the counterweight are disposed in upper portions within a hoistway. The driving sheave, the car deflector sheave, and the counterweight deflector sheave are disposed such that their rotation axes extend in parallel with each other. A driving apparatus is disposed in a position which is located lower than the car deflector sheave and the counterweight deflector sheave and where the driving apparatus does not overlap with an upper beam in a vertical projection plane thereof. <IMAGE>

IPC 1-7
B66B 11/08

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

CPC (source: EP KR)
B66B 11/00 (2013.01 - KR); **B66B 11/002** (2013.01 - EP); **B66B 11/04** (2013.01 - KR)

Cited by
DE102009016606A1; US8793939B2; US8820483B2; US9272880B2

Designated contracting state (EPC)
DE FR NL

DOCDB simple family (publication)
EP 1568644 A1 20050831; **EP 1568644 A4 20081217**; **EP 1568644 B1 20100526**; **EP 1568644 B9 20100825**; CN 1592712 A 20050309; DE 60236551 D1 20100708; JP WO2004050528 A1 20060330; KR 100685505 B1 20070227; KR 20040083467 A 20041002; WO 2004050528 A1 20040617

DOCDB simple family (application)
EP 02783767 A 20021204; CN 02823362 A 20021204; DE 60236551 T 20021204; JP 0212713 W 20021204; JP 2004556807 A 20021204; KR 20047008531 A 20021204