

Title (en)
ELEVATOR APPARATUS

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
APPAREIL D'ASCENSEUR

Publication
EP 1801061 B1 20130703 (EN)

Application
EP 04822312 A 20041013

Priority
JP 2004015051 W 20041013

Abstract (en)
[origin: WO2006040813A1] In an elevator apparatus, a main rope group has a first main rope for suspending an elevator car and a first counterweight and a second main rope for suspending the elevator car and the counterweight. A deflection pulley group includes a first elevator car side deflection pulley for guiding the first main rope from a drive sheave to the elevator car, a first counterweight side deflection pulley for guiding the first main rope from the drive sheave to the first counterweight, a second elevator car side deflection pulley for guiding the second main rope from the drive sheave to the elevator car, and a second counterweight side deflection pulley for guiding the second main rope from the drive sheave to the second counterweight. The positions at which the elevator car is suspended by the first and the second main rope are separated from each other in a vertical projection plane.

IPC 8 full level
B66B 7/06 (2006.01); **B66B 11/00** (2006.01)

CPC (source: EP)
B66B 7/06 (2013.01); **B66B 11/0045** (2013.01); **B66B 11/008** (2013.01)

Cited by
EP1862420A4; EP1905719A4; CN103796942A; EA025387B1; US9546076B2; US9643817B2; WO2013038050A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1801061 A1 20070627; **EP 1801061 A4 20120208**; **EP 1801061 B1 20130703**; CN 100532234 C 20090826; CN 1890169 A 20070103; JP 4762907 B2 20110831; JP WO2006040813 A1 20080515; WO 2006040813 A1 20060420

DOCDB simple family (application)
EP 04822312 A 20041013; CN 200480036172 A 20041013; JP 2004015051 W 20041013; JP 2006540797 A 20041013