

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ASCENSEUR

Publication
EP 2465805 B1 20161123 (EN)

Application
EP 09848257 A 20090811

Priority
JP 2009064157 W 20090811

Abstract (en)
[origin: EP2465805A1] Rotating shafts of first and second driving sheaves are each disposed horizontally, First and second car suspending sheaves are disposed on a car, and first and second counterweight suspending sheaves are disposed on a counterweight. A main rope group that suspends the car and the counterweight has: a first main rope that is wound sequentially around the first car suspending sheave, the first driving sheave, and the first counterweight suspending sheave, and a second main rope that is wound sequentially around the second car suspending sheave, the second driving sheave, and the second counterweight suspending sheave. The first driving machine, the first car suspending sheave, and the first counterweight suspending sheave, and the second driving machine, the second car suspending sheave, and the second counterweight suspending sheave, are respectively disposed at positions that are symmetrical in a vertically projected plane of a hoistway relative to a straight line that connects a pair of car guide rails that guide the car.

IPC 8 full level
B66B 11/00 (2006.01); **B66B 17/12** (2006.01)

CPC (source: EP KR)
B66B 7/02 (2013.01 - KR); **B66B 7/06** (2013.01 - KR); **B66B 11/008** (2013.01 - EP); **B66B 17/12** (2013.01 - EP)

Cited by
US10625984B2; WO2016033302A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2465805 A1 20120620; EP 2465805 A4 20150617; EP 2465805 B1 20161123; CN 102471023 A 20120523; CN 102471023 B 20141015; JP 5460715 B2 20140402; JP WO2011018838 A1 20130117; KR 101335800 B1 20131203; KR 20130085361 A 20130729; WO 2011018838 A1 20110217

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