

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ASCENSEUR

Publication
EP 2213606 A1 20100804 (EN)

Application
EP 08710980 A 20080208

Priority
JP 2008052101 W 20080208

Abstract (en)
In an elevator apparatus, a car is suspended by a main rope on a first side of a sheave, and a counterweight is suspended by the main rope on a second side of the sheave. A rotation detector generates a signal that corresponds to rotation of the sheave. A slippage testing portion operates the car through a round trip for a predetermined distance, and tests for slippage between the sheave and the main rope based on a difference between a signal from the rotation detector during ascent and a signal from the rotation detector during descent.

IPC 8 full level
B66B 1/34 (2006.01); **B66B 5/00** (2006.01); **B66B 5/02** (2006.01); **B66B 7/12** (2006.01)

CPC (source: EP)
B66B 1/3492 (2013.01); **B66B 5/0037** (2013.01)

Cited by
CN109153537A; US10486935B2; DE112015006188B4; DE112016006890B4; US11492231B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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EP 08710980 A 20080208; CN 200880112721 A 20080208; JP 2008052101 W 20080208; JP 2009552360 A 20080208; KR 20107006436 A 20080208