

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ASCENSEUR

Publication
EP 2383216 A1 20111102 (EN)

Application
EP 09839159 A 20090128

Priority
JP 2009051337 W 20090128

Abstract (en)
In an elevator apparatus, a car is moved inside a hoistway. A speed governor includes: a rotating shaft that rotates in response to movement of the car; a centrifugal weight that revolves around the rotating shaft together with the rotation of the rotating shaft; an extensible arm that links the centrifugal weight to the rotating shaft, and that is displaced relative to the rotating shaft in response to a centrifugal force to which the centrifugal weight is subjected due to the revolution; and a displacement setting apparatus that extends and retracts the extensible arm to set a length of the extensible arm to different lengths during normal rotation and during reverse rotation of the rotating shaft. The speed governor detects presence or absence of an abnormality in a speed of the car based on the displacement of the extensible arm relative to the rotating shaft.

IPC 8 full level
B66B 5/04 (2006.01)

CPC (source: EP KR)
B66B 5/04 (2013.01 - KR); **B66B 5/044** (2013.01 - EP)

Citation (search report)
See references of WO 2010086967A1

Designated contracting state (EPC)
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