

Title (en)  
ELEVATOR SPEED GOVERNOR

Title (de)  
AUFZUGSGESCHWINDIGKEITSREGLER

Title (fr)  
RÉGULATEUR DE VITESSE D'ASCENSEUR

Publication  
**EP 2602222 A1 20130612 (EN)**

Application  
**EP 10855639 A 20100806**

Priority  
JP 2010063384 W 20100806

Abstract (en)  
Torque in a like direction to a speed governor sheave is applied to a rotating body by a torque transmitting apparatus when the speed governor sheave is rotated. An overspeed detecting switch that is displaced together with a switch mounting member is displaceable between a first setting position to be operated by an activating segment when the car speed is at a first overspeed, and a second setting position to be operated by the activating segment when the car speed is at a second overspeed that is higher than the first overspeed. A ratchet is displaceable in an axial direction of a main shaft between an engageable position at which engage with an engaging pawl is possible, and an unengageable position at which engagement with the engaging pawl is avoided. The switch mounting member and the rotating body are operated interdependently by a first interlocking apparatus, and the ratchet and the rotating body are operated interdependently by a second interlocking apparatus. The overspeed detecting switch is thereby displaced between the first setting position and the second setting position in response to the direction of rotation of the rotating body, and the ratchet is displaced between the engageable position and the unengageable position in response to the direction of rotation of the rotating body.

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 2012017549A1

Cited by  
CN110733951A; CN105645219A; CN107848749A; US2011272217A1; US8950554B2; US10968077B2; US11034546B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2602222 A1 20130612**; CN 103052583 A 20130417; JP WO2012017549 A1 20130919; KR 20130054336 A 20130524; WO 2012017549 A1 20120209

DOCDB simple family (application)  
**EP 10855639 A 20100806**; CN 201080068461 A 20100806; JP 2010063384 W 20100806; JP 2012527518 A 20100806; KR 20137003057 A 20100806