

Title (en)
GOVERNOR FOR ELEVATOR

Title (de)
REGLER FÜR AUFZUG

Title (fr)
REGULATEUR POUR ASCENSEUR

Publication
EP 1852383 A4 20121114 (EN)

Application
EP 05719453 A 20050224

Priority
JP 2005003003 W 20050224

Abstract (en)
[origin: EP1852383A1] A speed governor sheave rotatable about a sheave shaft and a friction pulley rotatable coaxially with the speed governor sheave are supported on a pedestal. The speed governor sheave is provided with a flyweight that is turned due to a centrifugal force resulting from rotation of the speed governor sheave. The speed governor sheave is turnably provided with a contact for rotating the friction pulley in the same direction as the speed governor sheave when the speed of a car reaches a predetermined overspeed by coming into contact with the friction pulley. The friction pulley is provided with an engagement member for operating a switch lever of a car stop switch when the speed of the car reaches the predetermined overspeed. The switch lever, which normally engages with the engagement member, is operated when the friction pulley is rotated.

IPC 8 full level
B66B 5/04 (2006.01)

CPC (source: EP)
B66B 5/044 (2013.01)

Citation (search report)

- [Y] CN 1319550 A 20011031 - MECHANIZATION BRANCH CHINESE A [CN] & DATABASE WPI Week 200216, Derwent World Patents Index; AN 2002-115192
- [Y] DE 1800270 A1 19690522 - AUFZUEGE AG SCHAFFHAUSEN
- See references of WO 2006090453A1

Cited by
US9033111B2

Designated contracting state (EPC)
DE NL

DOCDB simple family (publication)
EP 1852383 A1 20071107; EP 1852383 A4 20121114; CN 100540436 C 20090916; CN 1953927 A 20070425; JP 4745332 B2 20110810; JP WO2006090453 A1 20080717; WO 2006090453 A1 20060831

DOCDB simple family (application)
EP 05719453 A 20050224; CN 200580015330 A 20050224; JP 2005003003 W 20050224; JP 2007504587 A 20050224