

Title (en)  
DEVICE FOR PROTECTING AGAINST THE UNCONTROLLED MOVEMENT OF A LIFT CAR AND SPEED LIMITER WHICH INCLUDES SUCH A DEVICE

Title (de)  
VORRICHTUNG ZUM SCHUTZ GEGEN UNKONTROLLIERTE BEWEGUNGEN EINER AUFZUGSKABINE UND GESCHWINDIGKEITSBEGRENZER MIT EINER DERARTIGEN VORRICHTUNG

Title (fr)  
DISPOSITIF DE PROTECTION CONTRE LE MOUVEMENT INCONTRÔLÉ D'UNE CABINE D'ASCENSEUR ET LIMITEUR DE VITESSE D'UN TEL DISPOSITIF

Publication  
**EP 2687473 B1 20170104 (EN)**

Application  
**EP 12758222 A 20120312**

Priority  
• ES 201130368 A 20110316  
• ES 2012070159 W 20120312

Abstract (en)  
[origin: EP2687473A1] Device for protecting against the uncontrolled movement of a lift car, which is suitable for being coupled to a speed limiter having a pulley (2) on a shaft (3), said device comprising: a ring gear (5) connected to the pulley; a pivoting support means (6) which can be coupled to the shaft (3), carries out a pivoting movement with respect to said shaft (3) and includes a blocking mechanism which acts on the ring gear (5) by means of an electromagnet, a solenoid or the like; and an electrical detector which is connected to the blocking mechanism and the movement trajectory of the pivoting support means (6) and, when the blocking means act on the ring gear (5), when the pivoting support means (6) has carried out an angular movement, the electrical detector sends an activation signal to a control unit connected to the lift in order to actuate means for stopping the lift car.

IPC 8 full level  
**B66B 5/02** (2006.01); **B66B 5/04** (2006.01); **B66B 5/18** (2006.01)

CPC (source: EP ES)  
**B66B 5/04** (2013.01 - EP ES); **B66B 5/044** (2013.01 - EP); **B66B 5/18** (2013.01 - ES)

Cited by  
CN105502126A; DE202019000697U1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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