

Title (en)
ARRANGEMENT FOR ACTUATING AND RESTORING AN INTERCEPTING APPARATUS

Title (de)
EINRICHTUNG FÜR DIE BETÄTIGUNG UND DIE RÜCKSTELLUNG EINER FANGVORRICHTUNG

Title (fr)
DISPOSITIF D'ACTIONNEMENT ET DE MISE À ZÉRO D'UN PARACHUTE

Publication
EP 2651810 B1 20150325 (DE)

Application
EP 11805443 A 20111209

Priority
• EP 10195781 A 20101217
• EP 2011072273 W 20111209
• EP 11805443 A 20111209

Abstract (en)
[origin: US2012152659A1] A device can actuate and reset a safety gear in an elevator system. The device contains a pressure accumulator, possibly a compression spring, which, in case of need, can move at least two engagement elements of the safety gear essentially synchronously into an engaged position, and a remotely actuatable resetting device, which can retension the pressure accumulator into a ready position.

IPC 8 full level
B66B 5/18 (2006.01); **B66B 5/22** (2006.01)

CPC (source: EP KR US)
B66B 5/0087 (2013.01 - EP US); **B66B 5/18** (2013.01 - KR US); **B66B 5/22** (2013.01 - EP KR US)

Citation (opposition)
Opponent : ThyssenKrupp Elevator Innovation GmbH
• US 7575099 B2 20090818 - OH JAE-HYUK [US], et al
• US 6173813 B1 20010116 - REBILLARD PASCAL [FR], et al
• EP 2058262 A1 20090513 - THYSSENKRUPP ELEVATOR AG [DE]
• EP 1400476 A1 20040324 - INVENTIO AG [CH]
• EP 1637495 A2 20060322 - INVENTIO AG [CH]
• WO 2011113754 A1 20110922 - INVENTIO AG [CH], et al
• WO 2011113753 A2 20110922 - INVENTIO AG [CH], et al

Cited by
CN104811671A; US11261056B2; EP3789335A2; EP3533748B1

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 RS SE SI SK SM TR

DOCDB simple family (publication)
US 2012152659 A1 20120621; US 9027714 B2 20150512; AU 2011344429 A1 20130620; AU 2011344429 B2 20170330;
BR 112013015237 A2 20210504; BR 112013015237 B1 20220628; CA 2821144 A1 20120621; CA 2821144 C 20190219;
CN 103517864 A 20140115; CN 103517864 B 20160810; EP 2651810 A1 20131023; EP 2651810 B1 20150325; ES 2540076 T3 20150708;
KR 20140042769 A 20140407; MX 2013006942 A 20130715; NZ 611346 A 20150130; PL 2651810 T3 20150831; WO 2012080102 A1 20120621;
ZA 201304893 B 20140925

DOCDB simple family (application)
US 201113327064 A 20111215; AU 2011344429 A 20111209; BR 112013015237 A 20111209; CA 2821144 A 20111209;
CN 201180067652 A 20111209; EP 11805443 A 20111209; EP 2011072273 W 20111209; ES 11805443 T 20111209;
KR 20137018137 A 20111209; MX 2013006942 A 20111209; NZ 61134611 A 20111209; PL 11805443 T 20111209; ZA 201304893 A 20130701