

Title (en)
ACTUATION OF AN INTERCEPTING APPARATUS

Title (de)
BETÄTIGUNG EINER FANGVORRICHTUNG

Title (fr)
ACTIONNEMENT D'UN PARACHUTE

Publication
EP 2651809 A1 20131023 (DE)

Application
EP 11793797 A 20111209

Priority
• EP 10195791 A 20101217
• EP 2011072275 W 20111209
• EP 11793797 A 20111209

Abstract (en)
[origin: US2012152663A1] In this elevator system, a traveling body has arranged upon it a safety gear for braking and holding the traveling body tight on the guiderail, or on a braking rail. The safety gear is connected to a device for actuating the safety gear, which can also actuate the safety gear. The device for actuating the safety gear contains a coupler body, which can be pressed against the elevator hoistway, possibly against the guiderail or braking rail, wherein actuation of the safety gear is effected by a relative movement between the pressed-on coupler body and the safety gear. For this purpose, the coupler body can contain a curved coupler surface, which, in case of need, is brought into engagement with the elevator hoistway, or with the guiderail or braking rail.

IPC 8 full level
B66B 5/18 (2006.01); **B66B 5/20** (2006.01)

CPC (source: EP KR US)
B66B 5/04 (2013.01 - EP); **B66B 5/18** (2013.01 - KR US); **B66B 5/20** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2012080104A1

Cited by
US11787663B1

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 2012152663 A1 20120621; US 9169104 B2 20151027; AU 2011344431 A1 20130530; AU 2011344431 B2 20170511;
BR 112013014960 A2 20160913; BR 112013014960 B1 20210309; CA 2819149 A1 20120621; CA 2819149 C 20190212;
CN 103261075 A 20130821; CN 103261075 B 20151202; EP 2651809 A1 20131023; EP 2651809 B1 20151007; ES 2558005 T3 20160201;
HK 1185332 A1 20140214; KR 101922268 B1 20181126; KR 20140042771 A 20140407; MY 167018 A 20180731; NZ 610682 A 20150626;
RU 2013130304 A 20150127; RU 2576366 C2 20160227; SG 191037 A1 20130731; US 2015251878 A1 20150910;
WO 2012080104 A1 20120621; ZA 201304618 B 20140925

DOCDB simple family (application)
US 201113314765 A 20111208; AU 2011344431 A 20111209; BR 112013014960 A 20111209; CA 2819149 A 20111209;
CN 201180060628 A 20111209; EP 11793797 A 20111209; EP 2011072275 W 20111209; ES 11793797 T 20111209; HK 13112781 A 20131114;
KR 20137018420 A 20111209; MY PI2013001931 A 20111209; NZ 61068211 A 20111209; RU 2013130304 A 20111209;
SG 2013043690 A 20111209; US 201514722283 A 20150527; ZA 201304618 A 20130621