

Title (en)
LIFT ASSEMBLY WITH A SPEED LIMITER

Title (de)
AUFZUGSANLAGE MIT EINEM GESCHWINDIGKEITSBEGRENZER

Title (fr)
INSTALLATION D'ASCENSEUR DOTÉE D'UN LIMITEUR DE VITESSE

Publication
EP 2928804 A1 20151014 (DE)

Application
EP 13801587 A 20131206

Priority

- EP 12196342 A 20121210
- EP 2013075844 W 20131206
- EP 13801587 A 20131206

Abstract (en)
[origin: WO2014090705A1] The invention relates to a speed limiter (1), which is used for an elevator system (2), comprising a stator (6), a wheel (7) rotatably supported on the stator (6), and a running surface (9), which extends non-circularly and which can be rotated by means of the wheel (7). A pendulum (11) is provided, which can be pivoted in relation to the stator (6) and which has a pendulum wheel (10) lying against the running surface (9). Furthermore, a restraining device (12) is provided, which at least indirectly applies a restraining force toward the running surface (9) to the pendulum wheel (10). In the event of a certain swinging-out motion of the pendulum (11), in which the pendulum wheel (10) lifts off of the running surface (9), a switching lug (3) which is connected to the pendulum (11) engages with a blocking cam (15) which is at least indirectly connected to the wheel (7). In addition, an actuating device (21) is provided, which is used to trigger the engagement between the switching lug (3) and the blocking cam (15). The invention further relates to an elevator system (2) comprising such a speed limiter (1).

IPC 8 full level
B66B 5/04 (2006.01)

CPC (source: CN EP US)
B66B 5/046 (2013.01 - CN EP US)

Citation (search report)
See references of WO 2014090705A1

Cited by
DE102018000227A1; DE102018000227B4; US11465881B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014090705 A1 20140619; CN 104837757 A 20150812; CN 104837757 B 20161214; EP 2928804 A1 20151014; EP 2928804 B1 20170215; ES 2625397 T3 20170719; US 2015329322 A1 20151119; US 9975731 B2 20180522

DOCDB simple family (application)
EP 2013075844 W 20131206; CN 201380064606 A 20131206; EP 13801587 A 20131206; ES 13801587 T 20131206; US 201314650600 A 20131206