

Title (en)  
SPEED LIMITING SYSTEM FOR AN ELEVATOR HAVING AN ELEVATOR CAR

Title (de)  
GESCHWINDIGKEITSBEGRENZERSYSTEM FÜR EINEN AUFZUG MIT EINEM FAHRKORB

Title (fr)  
SYSTÈME DE LIMITEUR DE VITESSE POUR ASCENSEUR AYANT UNE CABINE

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Application  
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Abstract (en)  
[origin: WO2019077002A1] The invention relates to a sensor system and preferably a speed-limiting system for a lift with a lift car (3), comprising a speed limiter (9) that travels on a lift car (3), a slack tension medium (10) for fixed tensioning along the travel path of a lift car (3) between two fixing points at which the lower and upper ends of the slack tension medium (10) are anchored, two spring elements (13, 14) that hold the slack tension medium (10) between them that it is tensioned in a floating manner, an actuator (17) for mounting on, or incorporating into, the slack tension medium (10), and a switch (18) actuated by the actuator (17), the actuator (17) being designed such that, when operationally installed, the slack tension medium (10) can move back and forth along a stretch  $\pm \Delta L$  in relation to the contact without the contact being actuated, and such that the contact is actuated when either a tensile force is generated in the slack tension medium (10), moving the slack tension medium (10) along a stretch of more than  $-\Delta L$  (in the region of the actuator (17)), or the slack tension medium (10) slackens so much that it moves along a stretch of more than  $+\Delta L$ .

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