

Title (en)
SPEED LIMITER FOR A LIFT

Title (de)
GESCHWINDIGKEITSBEGRENZER FÜR EINEN AUFZUG

Title (fr)
LIMITEUR DE VITESSE POUR UN ASCENSEUR

Publication
EP 2771267 B1 20150304 (DE)

Application
EP 12772332 A 20121016

Priority
• EP 11186928 A 20111027
• EP 2012070442 W 20121016
• EP 12772332 A 20121016

Abstract (en)
[origin: WO2013060597A1] In the case of this speed-limiting means having a cam wheel and pendulum lever and pendulum roller, a force-limiting wheel (16.4) with a plurality of noses (16.7) is provided on the pendulum lever (16.3) instead of a nose which penetrates into the path of blocking-ring teeth (14.1), wherein the force-limiting wheel (16.4) is braked by means of a slip clutch (20). If, in the event of activation, the braking force in the limiting cable exceeds the force of the slip clutch (20), the force-limiting wheel (16.4) is rotated by the nose (16.7) engaging with the blocking-ring tooth (14.1), wherein the cable pulley (10) is rotated along and the tensioning in the limiting cable (6) decreases and the following nose (16.7) penetrates into the path of the blocking-ring teeth (14.1) and blocks the cable pulley (10) anew. This means that those parts which are involved in the activation are safeguarded against the action of excessive force.

IPC 8 full level
B66B 5/04 (2006.01)

CPC (source: EP US)
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Cited by
CN108675079A; CN105329738A; CN106586760A

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