

Title (en)
BRAKE ARRESTING DEVICE WITH ADAPTABLE BRAKE FORCE FOR A LIFT

Title (de)
BREMSFANGVORRICHTUNG MIT ANPASSUNG DER BREMSKRAFT FÜR AUFZUG

Title (fr)
PARACHUTE DE FREINAGE MUNI D'UNE ADAPTATION DE LA FORCE DE FREINAGE POUR UN ASCENSEUR

Publication
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Application
EP 01937927 A 20010620

Priority

- EP 01937927 A 20010620
- CH 0100386 W 20010620
- EP 00810547 A 20000622

Abstract (en)
[origin: WO0198193A1] The invention relates to a brake arresting device comprising at least one brake wedge (3, 4) which is arranged in a housing. Said brake wedge acts on a guide rail of the load suspension means when a braking procedure is triggered, and the course thereof is limited by means of a stop. The inventive device enables definite deceleration to occur during braking, independently from the size of the load in the load suspension means. To this end, at least one regulating device (13, 14) is provided which is actively connected to at least one stop (11, 15) or the housing (1). The stop (11, 15) or the housing (1) is automatically positioned by means of the regulating device (13, 14) before the beginning of each course in such a way that in the event of safety braking, the compression of at least one spring element (7, 8) and therefore the resulting spring force by means of which the spring element (7, 8) presses the brake wedge (3, 4) against the guide rail, are adapted to the actual mass to be slowed down.

IPC 1-7
B66B 5/22

IPC 8 full level
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CPC (source: EP US)
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Cited by
DE102019106627A1; CN107226406A; WO2016022749A1; US10745239B2; US11897725B2; DE202019101479U1; WO2020187757A1; US11884514B2

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