

Title (en)  
Cable brake for an elevator

Title (de)  
Seilbremse für einen Aufzug

Title (fr)  
Frein à cable pour ascenseur

Publication  
**EP 1637495 A3 20060412 (DE)**

Application  
**EP 05112142 A 20040609**

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• EP 03405430 A 20030616  
• EP 05112142 A 20040609

Abstract (en)  
[origin: WO2004110916A2] The invention relates to a cable brake (15) in which, the instant an electromagnet (36) is switched off, a mass (37) falls down guide rods (38) under the effect of gravity and collides with a first arm (30) of a first trigger lever (28). As a result of the rotation of the first trigger lever (28), a pawl (32) releases a crossbar (27), whereupon pressure springs (22) press a released braking plate (18) against a cable strand (3) and bring the cable strand (3) to a halt. A second pressure plate (23) may be displaced along the path shown with a w, by means of a screw (24), arranged on a housing (16) and a nut (25), arranged on said second pressure plate (23), whereby the pressure springs (22) are pre-tensioned according to the position of the second pressure plate (23). The pressure springs (22) are released in the end position shown with a el, whereby a first pressure plate (21) and a release bar (26), engaging with the first pressure plate (21), may be moved into the starting position thereof.

IPC 8 full level  
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CPC (source: EP US)  
**B66B 5/185** (2013.01 - EP US); **B66D 5/16** (2013.01 - EP US)

Citation (search report)  
• [DA] EP 0651724 A1 19950510 - HOLLISTER WHITNEY ELEVATOR [US]  
• [A] DE 19635244 A1 19980305 - WITTUR AUFZUGTEILE GMBH & CO [DE]

Cited by  
DE102016125559A1; US9027714B2; EP2651810B1; EP2651810A1

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DOCDB simple family (publication)  
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