

Title (en)  
ACTUATION OF A SAFETY BRAKE

Title (de)  
BETÄTIGUNG EINER SICHERHEITSBREMSE

Title (fr)  
ACTIONNEMENT D'UN FREIN DE SÉCURITÉ

Publication  
**EP 2788271 B1 20150415 (DE)**

Application  
**EP 12797818 A 20121127**

Priority  
• EP 11192831 A 20111209  
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Abstract (en)  
[origin: WO2013083430A1] In an elevator system, an elevator car (2) is movably arranged along guide rails (6), and the elevator car (2) is equipped with a brake system with preferably two elevator braking devices (20, 20'). The elevator braking device (20, 20') is provided on a brake rod (7), preferably on a brake rod (7) integrated into a guide rail (6), in order to brake an elevator car (2). The elevator braking device (20) includes a brake housing (21) and a first brake element (22). The brake element is movably arranged on the brake housing (21) and is designed to be moved with the brake rod (7) upon contacting the brake rod (7) and upon a relative movement between the brake rod (7) and the brake housing (21). In this manner, the brake rod (7) is clamped, and the brake housing (21) is braced. The elevator braking device (20, 20') further includes a pusher (25) which is arranged on the brake housing (21) such that the brake rod (7) can be arranged between the first brake element (22) and the pusher (25) with the required passage clearance. If necessary, the pusher (25) can be advanced in the direction of the first brake element (22) and pressed against the brake rod (7) which can be arranged between the first brake element (22) and the pusher (25). In this manner, the first brake element (22) is likewise forcibly brought into contact with the brake rod (7). The elevator braking device (20) further includes a pressing lever (28) which is pivotally mounted on the brake housing (21) and which acts on the pusher (25) upon request in order to press the pusher against the brake rod (7) and bring the first brake element (22) into contact with the brake rod (7).

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CPC (source: EP US)  
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