

Title (en)  
Safety device for elevators and elevator comprising said device

Title (de)  
Sicherheitsvorrichtung für Aufzüge und Aufzug

Title (fr)  
Dispositif de sécurité pour ascenseurs et ascenseur

Publication  
**EP 2769952 A3 20141029 (EN)**

Application  
**EP 14382066 A 20140226**

Priority  
ES 201330259 A 20130226

Abstract (en)  
[origin: EP2769952A2] The device comprises braking means of the elevator car or counterweight acting on guides (9) of the elevator, and is characterized in that said braking means comprise a switching element (1) that can be arranged in at least: a first position in which said braking means can function as a safety gear to prevent the free fall or the uncontrolled movement of the car or of the counterweight; and a second position in which said braking means function as a pit buffer to absorb the energy of the car or of the counterweight if a malfunction causes the car or the counterweight to surpass end stop positions, or as a pit buffer and as a safety gear. The present invention allows performing safety gear and pit buffer functions, eliminating conventional pit buffers.

IPC 8 full level  
**B66B 5/02** (2006.01); **B66B 5/28** (2006.01)

CPC (source: EP ES)  
**B66B 5/02** (2013.01 - ES); **B66B 5/022** (2013.01 - EP); **B66B 5/18** (2013.01 - ES); **B66B 5/282** (2013.01 - EP); **B66B 5/284** (2013.01 - EP ES)

Citation (search report)  
• [XAY] CN 101979298 A 20110223 - HITACHI ELEVATOR CHINA CO LTD  
• [YA] DE 2604157 A1 19770811 - AUFZUGSWERK GALL & HECKELMANN  
• [A] US 4512444 A 19850423 - KOPPENSTEINER WERNER [AT]

Cited by  
CN104944247A; EP3288885A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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