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(54) **Fall prevention device for sectional doors**

(57) The invention concerns a fall prevention safety device for a sectional door moving along lateral guide tracks associated with fixed supporting doorposts and controlled by means of normally taut draw cables. Along each supporting doorpost knurling or tothing is provided (21), and at the bottom part, on the sides of the door, is assembled a stop element (22) connected to a respective draw cable (16) and having at least one toothed zone the tothing of which faces towards said knurling or tothing along an adjacent supporting doorpost. The stop element moves between an inoperative position, in which its toothed area is kept at a distance from said knurling or tothing when the cable connected to it is integral and taut, and a block operating position, in which its toothed area made to approach and automatically engage with the knurling or tothing when the cable it is connected to snaps, is slack or is disconnected.

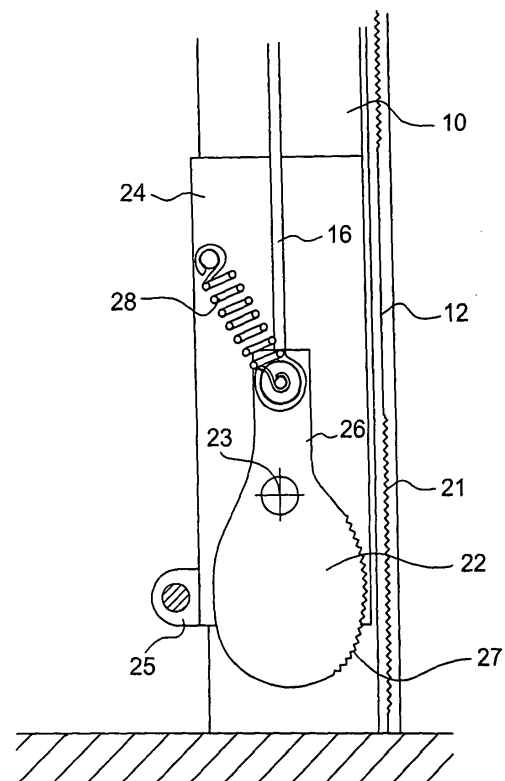


FIG. 4



EUROPEAN SEARCH REPORT

Application Number
EP 08 42 5233

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 1 199 432 A1 (CARDO DOOR CONTINENTAL B V [NL]) 24 April 2002 (2002-04-24)	1,2,4-6	INV. E05D13/00
Y	* paragraph [0018] - paragraph [0030]; figures 1-9 *	3,4,6	
Y	FR 2 746 842 A1 (CARDO DOOR FRANCE [FR]) 3 October 1997 (1997-10-03) * page 3, line 31 - page 4, line 17; figures 1-3 *	3,6	
Y	US 2003/051409 A1 (BRUNS JAMES A [US]) 20 March 2003 (2003-03-20) * paragraph [0059] - paragraph [0068]; figures 4,5 *	4	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 22 November 2012	Examiner Rémondot, Xavier
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 08 42 5233

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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22-11-2012

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1199432	A1	24-04-2002	NONE	

FR 2746842	A1	03-10-1997	NONE	

US 2003051409	A1	20-03-2003	NONE	
