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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 toothing 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 toothing of which faces towards said knurling or toothing 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 toothing 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 toothing when the cable it is connected to snaps, is slack or is disconnected.

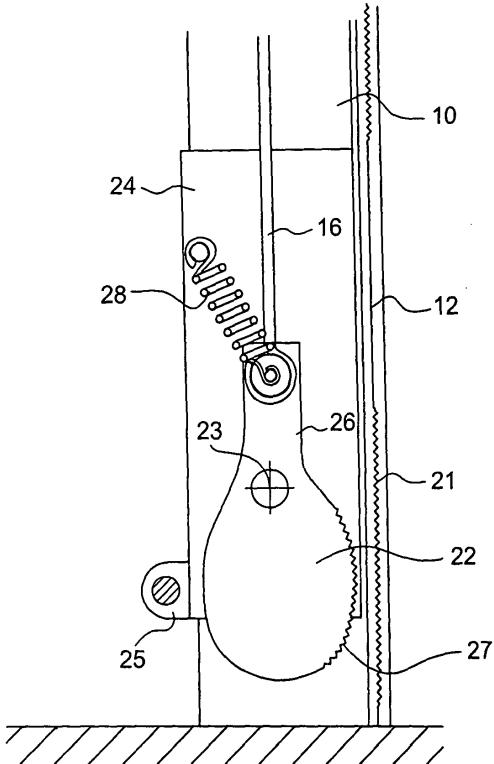


FIG. 4



EUROPEAN SEARCH REPORT

Application Number
EP 08 42 5233

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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)	3,6	
	* page 3, line 31 - page 4, line 17; figures 1-3 *		
Y	US 2003/051409 A1 (BRUNS JAMES A [US]) 20 March 2003 (2003-03-20)	4	
	* paragraph [0059] - paragraph [0068]; figures 4,5 *		

			TECHNICAL FIELDS SEARCHED (IPC)
			E05D
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	The Hague	22 November 2012	Rémondot, Xavier
CATEGORY OF CITED DOCUMENTS		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	
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			

**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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-11-2012

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