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(54) **Safety device for a sectional closing element such as a door, main door, gate or suchlike**

(57) Safety device (10) for a frame having a plurality of panels which have cursor means (12) that slides, along a sliding axis (X), in guide means (13), which frame is moved by drive means (20), in which the cursor means (12) comprises a pair of rolling elements (14), lying along the sliding axis (X), a pair of support elements (15, 16) on each of which a rolling element (14) is pivoted, and which are pivoted with respect to each other on a first pivoting axis (P), displaced with respect to the sliding axis (X), and substantially perpendicular to the plane on which the rolling elements (14) lie. The pair of support elements (15, 16) oscillates between a first position where the rolling elements (14) are close to one another, and a second position where the rolling elements (14) are far from each other. The passage from the first to the second position is caused by the breaking of the drive means (20). Elastic means (24) is also provided, which cooperates with the support elements (15, 16), in order to thrust the latter towards the second position, and a clamping means (22), associated with one of the support elements (15, 16), which acts against an internal surface (27) of the guide means (13) when said support elements (15, 16) are in said second position, in order to block the displacement of the sectional frame (26), and which is disposed in a position substantially opposite said first pivoting axis (P), with respect to said sliding axis (X).

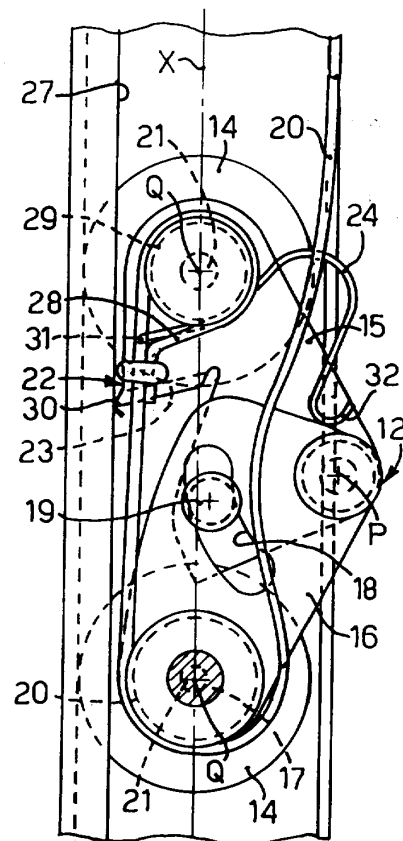


fig. 3

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* page 2, column 1, line 25 - column 2, line 47; figures 1-3 *	10-12, 14,17	
D,Y	----- EP 1 413 701 A (BREDA SISTEMI IND SPA [IT]) 28 April 2004 (2004-04-28)	10-12, 14,17	
A	* claims 6,9-15; figures 1-3 * -----	16	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			E05D
Place of search		Date of completion of the search	Examiner
The Hague		26 February 2008	Guillaume, Geert
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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P : intermediate document		& : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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