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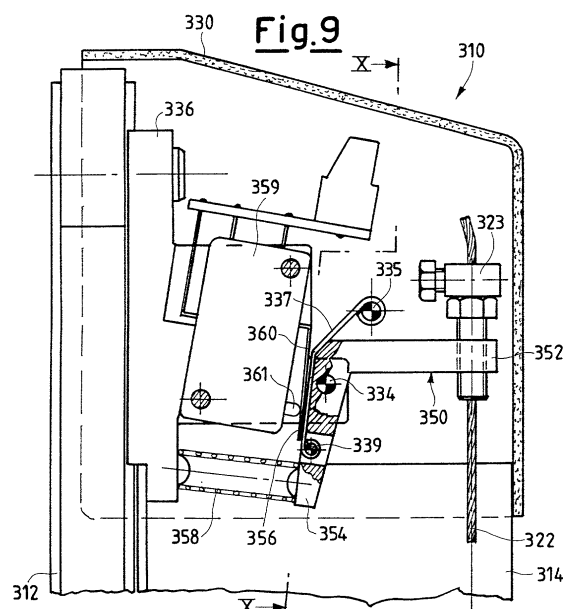
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(54) **Improved protection and safety device for automatic sliding gates**

(57) Improved protection and safety device for automatic gates, in particular for automatic sliding gates, comprising at least one protection rib (10, 110, 210, 310) which includes a shaped profile (12, 112, 212, 312) connected to a protection element (14, 114, 214, 314), containing inside of it at least one portion of cable (22, 122, 222, 322) attached to a mechanism for shutting off the power supply to the gate, following pressure upon the protection element (14, 114, 214, 314), as a consequence of a collision of an obstacle; in at least one portion of the profile (12, 112, 212, 312), corresponding to a lower and/or upper zone of the rib (10, 110, 210, 310) and of the surface of the gate, it is foreseen to insert a shell (30, 130, 230, 330), attached to the protection element (14, 114, 214, 314), comprising inside of it a lever member (32; 132, 150; 232; 350) and/or a plate or spring (337) connected to the cable (22, 122, 222, 322).



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EUROPEAN SEARCH REPORT

Application Number
EP 02 07 8253

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 0 961 000 A1 (D F M AUTOMAZIONE S N C DI DIG [IT]) 1 December 1999 (1999-12-01) * claims 1-4,7; figures 1-5 *	1-3,7	INV. E06B3/88
Y	* claim 7 *	7	
Y	DE 12 40 114 B (BUESSING AUTOMOBILWERKE AG) 11 May 1967 (1967-05-11) * figure 1; compounds 6,10 *	7	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 24 October 2006	Examiner Schnedler, Marlon
<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
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