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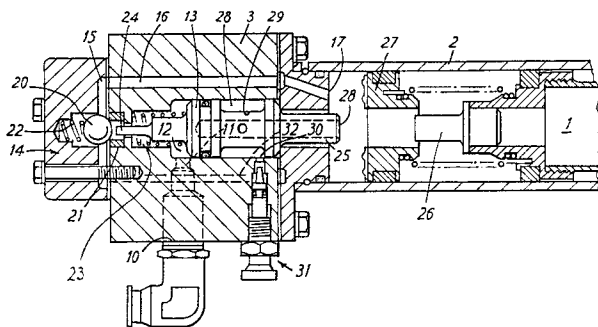
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Pressure operated door actuator.

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An actuator rod (5) is driven by a piston (1) working within a cylinder (2), opposite ends (3, 4) of which are selectively pressurised and vented to provide motive effort for the piston (1). If a closing door is temporarily obstructed the pressure in the vented end (3) of the cylinder (2) may drop sufficiently to cause the door to be slammed shut when the obstruction is removed. The appropriate cylinder end (3) is thus vented through a valve (14) which is unseated when the difference between the pressure remaining in the cylinder and the exhaust port vent (11) exceeds a predetermined level. When this pressure difference falls, the valve (14) closes, trapping the remaining pressure so that it acts as a cushion when piston movement is resumed.



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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 (Int. Cl. 3)
X	GB-A- 299 363 (NATIONAL PNEUMATIC COMPANY) * Figure 1; page 2, lines 49-96 *	1-3	E 05 F 15/02
Y	---	4-7	
Y	GB-A-2 054 734 (WABCO FAHRZEUG-BREMSEN GMBH) * Figure 1; page 1, lines 121-129 *	4,7	
Y	FR-A-2 449 215 (ROUSSET) * Figures 1-2; page 1, lines 20-27, lines, 35-38 *	5	
Y	DE-A-1 708 314 (R. BOSCH GMBH) * Figure page 9; paragraph 4 *	6	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			E 05 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-01-1985	Examiner SCHEIBLING C.D.A.
<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</p> <p>& : member of the same patent family, corresponding document</p>			