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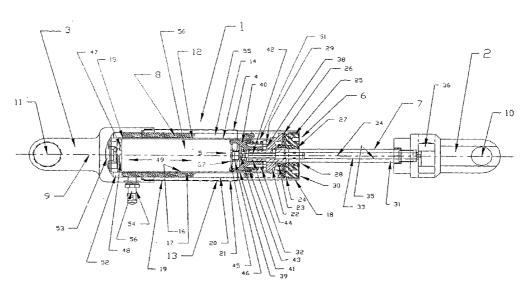
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(54) Title: BLADDER FOR USE IN A DAMPING DEVICE



(57) **Abstract:** The damping device contains a bladder (8) that can be constructed from one or more of the following materials: Urethane, neoprene, Viton, Nitrile, buna rubber, or silicon. The bladder (8) is constructed to minimize the distance between the interior surface and the exterior surface. The damping device contains a valve (54) that can be constructed from one of the following materials: steel, brass, aluminum, or composite. The valve (54) includes a stem (56) that has threads for attaching a nut and a flange (57) for attaching the valve to the interior surface of the bladder. The flange (57) is contoured to maintain the axial location of the bladder within the damping device. In operation, compressible fluid is introduced into the bladder (8) through the valve (54), with the valve (54) permitting the adjustment of the internal pressure of a fluid contained within the bladder (8).



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B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 188/298, 297, 314, 315				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
		ppropriate, of the relevant passages	Relevant to claim No.	
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Y			2-13, 15-36, 38-46	
A, P US 6,345,707 A (KLEMBC)	A, P US 6,345,707 A (KLEMBCZYK) 12 FEBRUARY 2002 (12.02.02).			
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A US 3,749,210 A (DeBAAN ET AL.) 31 JULY 1973 (31.07.73).				
Further documents are listed in the co	ontinuation of Box C.	See patent family annex.		
date and not in confli		date and not in conflict with the applic principle or theory underlying the inve	ation but cited to understand the	
"E" earlier application or patent published on or after	the international filing date	"X" document of particular relevance; the considered novel or cannot be considered when the document is taken alone		
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