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**EUROPEAN PATENT APPLICATION**

①⑮ Application number: **88311754.1**

①⑮ Int. Cl.<sup>4</sup>: **F 01 B 31/00**  
**F 01 L 15/00**

①⑯ Date of filing: **12.12.88**

①⑳ Priority: **11.12.87 US 131678**

①㉑ Date of publication of application:  
**14.06.89 Bulletin 89/24**

①㉒ Designated Contracting States: **DE FR GB IT NL**

①㉓ Date of deferred publication of search report:  
**13.12.89 Bulletin 89/50**

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①㉗ **Assembly of valve housings and a cylinder.**

①㉘ The valve housings (12, 14) are formed from solid, metal stock, and are bored through and tapped to define fluid inlet ports (18) and outlet ports, chambers, and tapped mounting holes. A cylinder (16) is replaceably fastened between the housings by means of tie bolts (26) fixed in one of the housings and in penetration of the other. Ends of the cylinder open onto fluid inlet and discharge, valve-confining chambers. Pulsation dampener bottles or tanks are removably fixed to the housings for communication with the inlet and outlet chambers, and admit fluid therein, and discharge fluid therefrom, respectively.

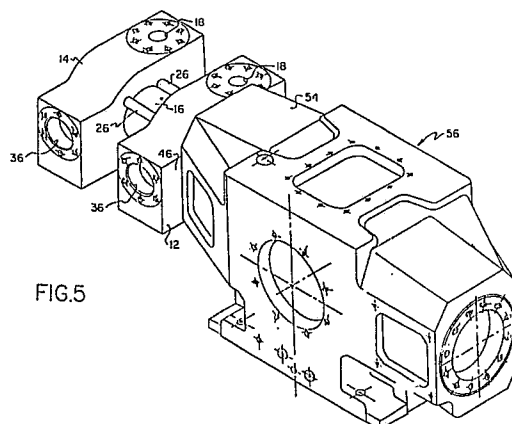


FIG.5



EP 88 31 1754

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.4)
A	CH-A-114559 (GEBRUDER SULZER A.G.) * page 1, line 1 - page 2, line 19; figure 1 * ---	1	F01B31/00 F01L15/00 F04B39/14
A	US-A-1596037 (DELCO-LIGHT COMPANY) * page 1, line 1 - page 2, line 79; figure 1 * ---	1	
A	US-A-1400477 (CURTIS) * page 1, line 71 - page 2, line 129; figure 1 * ---	1	
A	CH-A-106634 (GEBRUDER SULZER A.G.) * page 1, line 1 - page 2, line 29; figure 2 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F01B F01L F04B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09 OCTOBER 1989	Examiner WASSENAAR G.
<b>CATEGORY OF CITED DOCUMENTS</b> 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 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			