

EUROPEAN PATENT APPLICATION

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54 **Gas compressor apparatus.**

57 An air compressor is provided with an additional valve (7) in the cylinder head which is operable by a piston (16) in response to a governor signal to connect an extra closed clearance volume (27) to the compression chamber (9) for unloading the compressor.

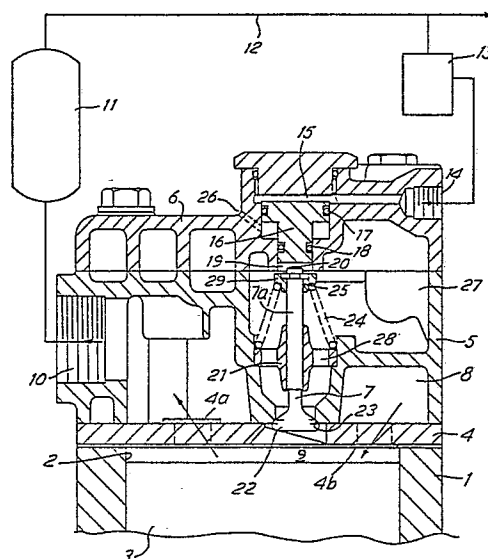


Fig.1

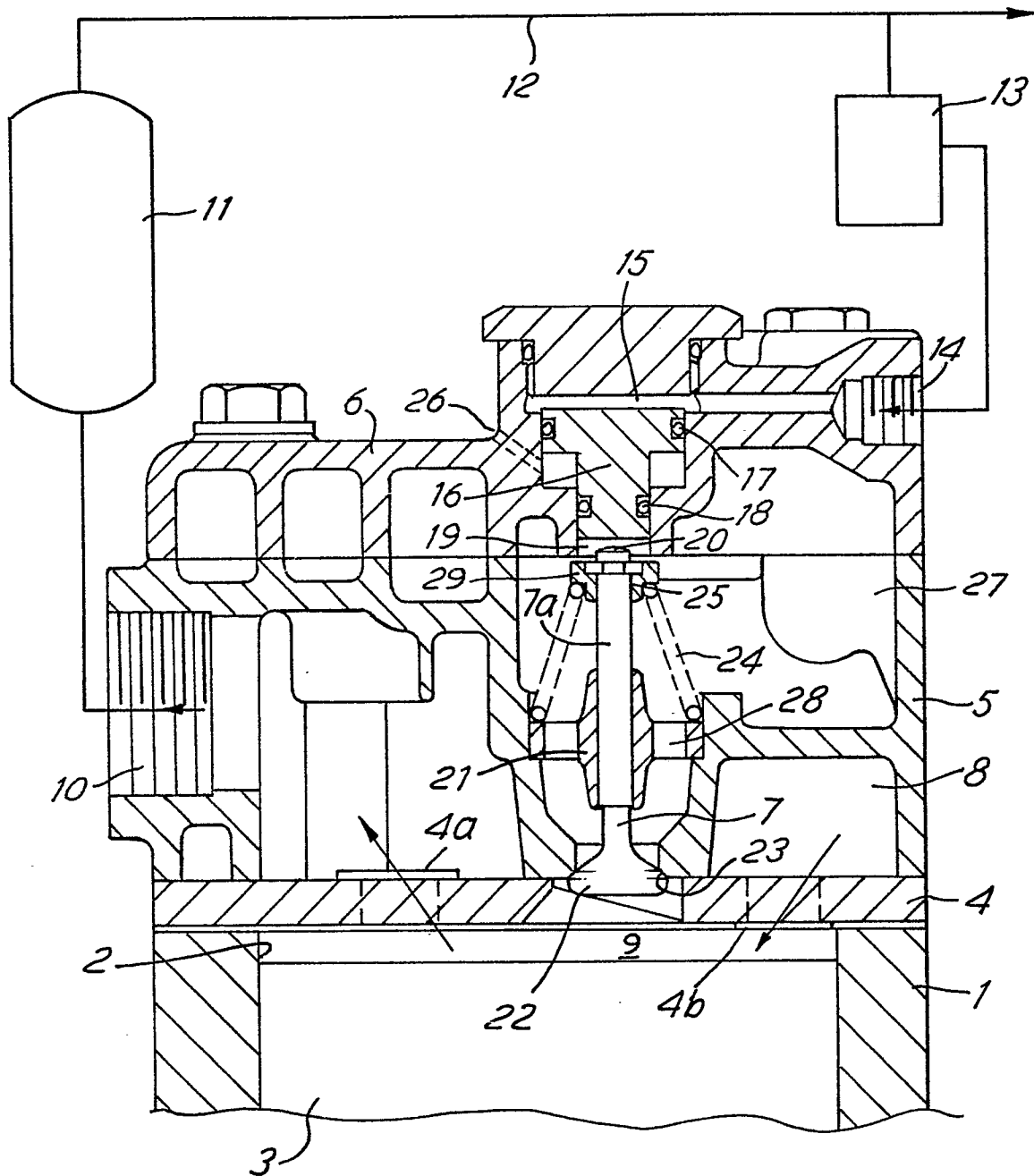


FIG. 1



EP 87306423.2

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<u>GB - A - 256 530</u> (INGERSOLL-RAND)	1,2,3,5
Y	* Totality; especially fig. 1 *	6,7
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X	<u>US - A - 2 241 195</u> (GEHRES)	1-3,5,7
	* Totality; especially fig. 1 *	
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Y	<u>US - A - 2 594 815</u> (SMITH)	6,7
A	* Totality; especially fig. 1,3 *	1-8
	--	
X	<u>DE - A1 - 2 918 482</u> (WABCO)	1-3
A	* Totality; fig. 1, pos. 3 *	4-8
	--	
A	<u>US - A - 4 384 826</u> (GREGG)	1,2,4
	* Totality *	
	--	
A	<u>DE - A1 - 3 324 477</u> (BOSCH)	1-3
	* Totality *	

The present search report has been drawn up for all claims		
Place of search VIENNA		Date of completion of the search 26-05-1988
		Examiner WERDECKER
CATEGORY OF CITED DOCUMENTS		
X : particularly relevant if taken alone		
Y : particularly relevant if combined with another document of the same category		
A : technological background		
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D : document cited in the application		
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& : member of the same patent family, corresponding document		