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54 Rotary compressor for refrigerating gas and related procedure.

(57) A rotary compressor for compressing a refrigerating gas, comprising: a stator (14) defining a cylindrical compression chamber (15) in which an eccentrically arranged rotor (16) provided with radial vanes (17) is located; the refrigerating gas is fed into and discharged from the compression chamber (15) through a same end wall (20) of the compression chamber (15) so that the latter is kept in direct heat-exchange contact with the outside; a quantity of refrigerated gas is admitted to the compression chamber (15) to improve the efficiency of the compressor.

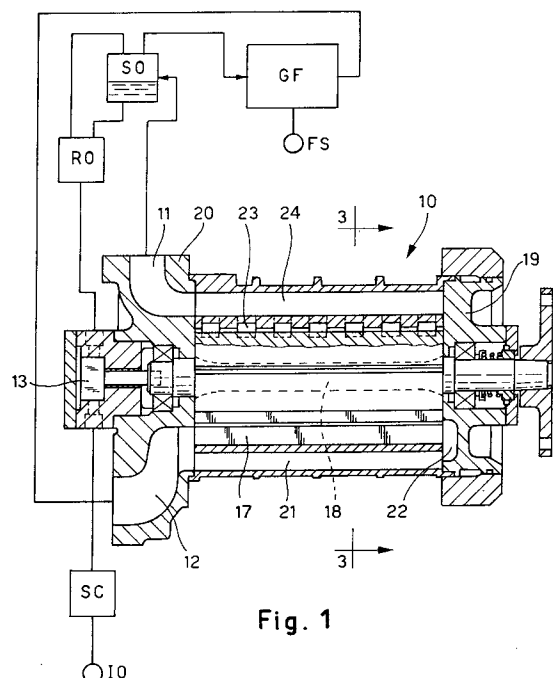


Fig. 1

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EUROPEAN SEARCH REPORT

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EP 91 10 8126

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.5)
Y	DE-A-2 914 781 (SCHWÄBISCHE HÜTTENWERKE GMBH) * the whole document * ---	1-3, 9	F04C29/08 F04C18/344
Y	US-A-3 135 460 (GALIN) * the whole document * ---	1-3	
Y A	DE-A-2 405 300 (FANBERG) * the whole document * ---	9 5,6,7,11	
P,A	WO-A-9 006 447 (ROBERT BOSCH GMBH) * the whole document * ---	1,4	
A	DE-A-3 309 782 (DIESEL KIKI CO. LTD.) ---		
A	US-A-3 649 140 (HARLIN) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F04C
Place of search THE HAGUE		Date of completion of the search 12 OCTOBER 1993	Examiner DIMITROULAS P.
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 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			