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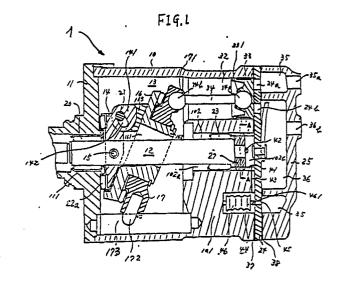
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(S) Wobble plate type compressor with variable displacement mechanism.

57) A reciprocating piston type refrigerant compressor (1) includes a compressor housing (10) having a cylinder block (101) provided with a plurality of cylinders (32) and a crank chamber (13) adjacent to the cylinder block (101). A piston (33) slides within each cylinder (32) and is reciprocated by a wobble plate (17) driven by a cam rotor (14) mounted on a drive shaft (12). The cam rotor (14) includes an adjustable slant angle in close proximity to the wobble plate (17). Accordingly, the stroke of the pistons (33) within the cylinders (32) can be changed by adjusting the slant angle of the sloping surface. The slant angle of the sloping surface is adjusted in response to the change of pressure in the crank chamber (13). The crank chamber (13) communicates with the sucntion chamber (35) through a passageway and a valve control mechanism (46) controls the opening and closing of the passageway. Thus, the capacity of the compressor (1) can be adjusted by changing the slant angle of the sloping surface of the slant plate (16) in response to the operation of the valve control mechanism (46).



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EUROPEAN SEARCH REPORT

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	DOCUMENTS CONSID	ERED TO BE RELEV	'ANT	
Category		cation, where appropriate	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	DE-A-3 545 581 (SUZU * Page 14, paragraph paragraph 1; figures	3 - page 17.	1,2,4-6	F 04 B 1/28 F 04 B 27/08
A	EP-A-0 190 013 (SAND * Page 3, line 23 - p figures 1,2 *	DEN) page 6, line 10;	1-3,5,	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
THE	The present search report has been Place of search HAGUE	drawn up for all claims Date of completion of the searce 17-05-1989		Examiner ARX H.P.

- X: particularly relevant if taken alone
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 A: technological background
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