11) Publication number:

0 283 045 A3

(12)

EUROPEAN PATENT APPLICATION

21) Application number: 88104390.5

(51) Int. Ci.4: **F04C** 18/02

2 Date of filing: 18.03.88

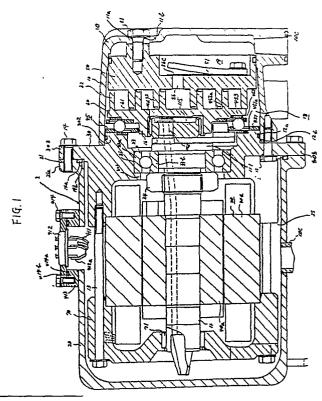
Priority: 20.03.87 JP 67354/87 20.03.87 JP 67355/87

- 43 Date of publication of application: 21.09.88 Bulletin 88/38
- Designated Contracting States:
 DE FR GB IT SE
- Date of deferred publication of the search report:

 14.06.89 Bulletin 89/24
- Applicant: SANDEN CORPORATION 20 Kotobuki-cho Isesaki-shi Gunma, 372(JP)
- (72) Inventor: Shimizu, Shigemi
 425 Higashigarai Sakai-machi
 Sawa-gun Gunma,370-01(JP)
 Inventor: Kikuchi, Kazuto
 1-3-14 Hinode
 Honjo-shi Saitama 367(JP)
 Inventor: Terauchi, Kiyoshi
 8-14 Heiwa-cho
 Isesaki-shi Gunma, 372(JP)
- Representative: Prüfer, Lutz H., Dipl.-Phys. Harthauser Strasse 25d D-8000 München 90(DE)

Scroll type compressor.

(57) A hermetic scroll type compressor (1) is disclosed which includes first and second cup shaped casings (10, 20) and a center block (30) therebetween. The first cup shaped casing (10) is provided with a fixed scroll (50) affixed within the first cup shaped casing (10), an orbiting scroll (60) interfitted at an angular and radial offset with the fixed scroll (50), a rotation preventing device (45) disposed between the orbiting scroll (60) and the center block (30). The second cup shaped casing (20) is provided with a drive mechanism. The first cup shaped casing (10) and the second cup shaped casing (20) are releasably and hermetically secured through the center block (30) thereby enabling disassembly, reassembly and independent inspection of the hermetic scroll type compressor components.



Xerox Copy Centre

EUROPEAN SEARCH REPORT

EP 88 10 4390

				EL 90 10 433	
]	DOCUMENTS CONSID	ERED TO BE RELEVA	NT		
ategory	Citation of document with indi of relevant passa		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)	
Υ	US-A-2 331 878 (J.S. * Page 4, left-hand of paragraph, right-hand 1-22; figure 10 *	column, last	1-8,11,	F 04 C 18/02	
Y	US-A-3 311 293 (R.A. * Column 6, lines 17- column 3, line 62 - of figure 2 *	-35, figures 1,4;	1-4,13		
Y	FR-A-2 559 847 (THE * Page 5, lines 5-31 6, last paragraph; po	, figures 1,3; page	2,5-8,		
A	US-A-4 065 279 (J.E	. McCULLOUGH)			
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)	
				F 04 C 18/00 F 04 C 2/00 F 04 C 23/00 F 01 C 1/00 F 01 C 21/00	
	The present search report has be	een drawn up for all claims			
•	Place of search	Date of completion of the searc	1	Examiner	
TI	HE HAGUE	29-03-1989	KAF	POULAS T.	
THE HAGUE 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		E : earlier pate after the fi	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		