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EUROPEAN PATENT APPLICATION

2 Application number: 88310678.3

(5) Int. Cl.4: F 01 C 1/02

22 Date of filing: 11.11.88

39 Priority: 23.11.87 US 123866

Date of publication of application: 31.05.89 Bulletin 89/22

Designated Contracting States: DE ES FR GB IT

Date of deferred publication of search report: 27.12.89 Bulletin 89/52

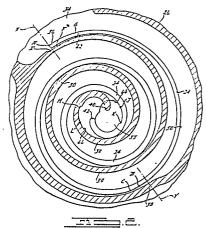
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64 Scroll machine.

(57) A scroll compressor is disclosed in which either or both of the spiral wraps (24,30) of the scroll members are reduced in thickness (i.e., cut away) (A, E) adjacent to the inlet port (34) defining the starting point the vanes would theoretically sealingly engage one another to initiate compression. Additionally, either or both of the spiral wraps of the scroll members may be reduced in thickness (J-K, L-M) (i.e. cut away) adjacent to the discharge port where the vanes separate and the compression chambers defined thereby communicate with the discharge port. Provision of a smooth transition (C-B) at the points of engagement cooperates to reduce noise and wear during operation of the compressor.





EUROPEAN SEARCH REPORT

EP 88 31 0678

	Citation of document with indica	CRED TO BE RELEVANT	Relevant	CLASSIFICATION OF THE	
Category	of relevant passag		to claim	APPLICATION (Int. Cl.4)	
Α	EP-A-49495 (SANKYO ELECTR) * page 11, lines 9 - 31;	· ·	, 2	F01C1/02	
A	PATENT ABSTRACTS OF JAPAN vol. 8, no. 9 (M-268)(1440 & JP-A-58 172405 (HITACHI) * the whole document *	5) 14 January 1984,	, 2		
A	US-A-3874827 (YOUNG) * column 15, lines 30 - 5	2; figure 20 *			
A	GB-A-1165435 (VULLIEZ) 	-			
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)	
				F01C F04C	
	The present search report has been	n drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
	THE HAGUE	18 OCTOBER 1989	KA	POULAS T.	
Y: A: O:	CATEGORY OF CITED DOCUMEN' particularly relevant if taken alone particularly relevant if combined with anot locument of the same category echnological background non-written disclosure ntermediate document	after the filing dat her D: document cited in L: document cited for	T: theory or principle underlying the inventor of the filling date D: document cited in the application L: document cited for other reasons &: member of the same patent family, conduction		