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71 Applicant: **TECUMSEH PRODUCTS COMPANY**
100 East Patterson Street
Tecumseh Michigan 49286(US)

72 Inventor: **Barito, Thomas R.**
200 Wellington Road
Dewitt New York 13214(US)
Inventor: **Richardson, Hubert, Jr.**
10121 North Hawkins Highway
Brooklyn Michigan 49230(US)
Inventor: **Johnson, William C.**
221 Pentecost Highway
Onsted Michigan 49265(US)

74 Representative: **Weitzel, Wolfgang, Dr.-Ing.**
St. Pöltener Strasse 43
D-7920 Heidenheim(DE)

54 **Scroll compressor.**

57 A scroll-type hermetic compressor is disclosed including a hermetically sealed housing (12), fixed and orbiting scroll members (48, 50), a stationary frame member (52) including a thrust surface (55) adjacent the orbiting scroll member bottom surface (51), and a crankshaft (32) drivingly coupled to the orbiting scroll member. A seal (158) extends from a fixed location on the orbiting scroll member bottom surface toward the thrust surface and slidingly seals thereagainst, whereby fixed radially inner and outer portions (154, 156) of the scroll member are defined which are exposed to discharge and suction pressures (110, 98) for axial compliance. The seal consists of an annular groove (152) on the orbiting scroll member bottom surface in which an annular seal element (158) is unattachedly retained. The groove may be supplied with pressurized oil to aid in sealing with the seal element or, alternatively, to provide a hydrostatic seal without a seal element.

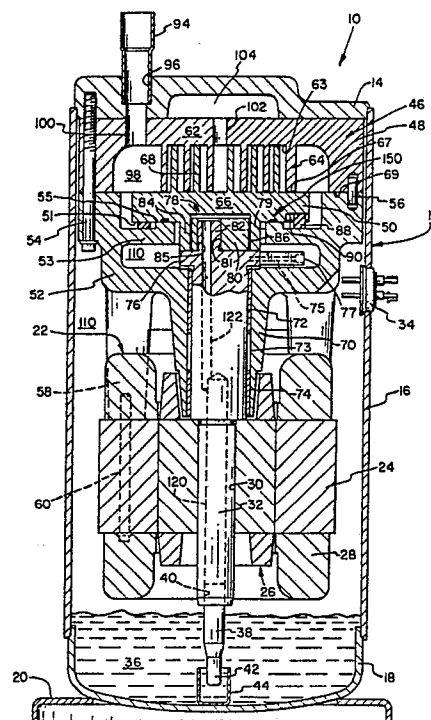


FIG. 1



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 89105199.7
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	JP - A - 60-224 988 (DAIKIN) * Totality * --	1-8	F 04 C 18/02
X	JP - A - 60-224 989 (DAIKIN) * Totality * ----	9-12	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
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The present search report has been drawn up for all claims			
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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	