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(71) Applicant (for all designated States except US): **BRISTOL COMPRESSORS, INC.** [US/US]; 15185 Industrial Park Road, Bristol, VA 24202 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHUMLEY, Eugene** [US/US]; 19473 Triple Crown Drive, Abingdon, VA

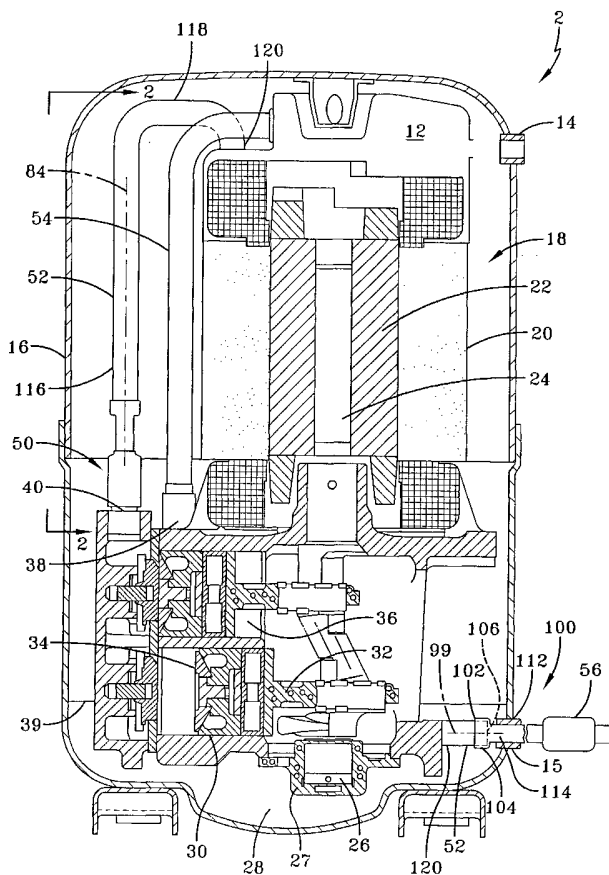
24211 (US). **MARSHALL, Steve** [US/US]; 419 Fairway Drive, Abingdon, VA 24211 (US). **MONK, David** [US/US]; 167 Masters Court, Bristol, VA 24202 (US). **MAJERUS, Benjamin** [US/US]; 83 Winding Way Road, Bristol, VA 24202 (US). **HIX, Scott** [US/US]; 17 Heritage Drive, Bristol, VA 24201 (US).

(74) Agents: **O'BRIAN, K. Scott** et al.; McNees Wallace & Nurick LLC, 100 Pine Street, P.O. Box 1166, Harrisburg, Pennsylvania 17108 (US).

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[Continued on next page]

(54) Title: DISCHARGE MUFFLER HAVING AN INTERNAL PRESSURE RELIEF VALVE



(57) Abstract: A muffler (50) for use in a refrigerant compressor (2) which includes a muffler housing (68), an intake tube at one end of the muffler housing for receiving a flow of refrigerant fluid, and an exhaust tube at another end opposed of the muffler housing (68) to exhaust the flow of refrigerant fluid. The muffler housing (68) is adapted to structurally carry a pressure relief member (60) therein. The pressure relief member (60) is in fluid communication with the intake tube. A discharge tube is connected to the exhaust tube for transporting the flow of refrigerant fluid from the exhaust tube to a compressor discharge port for discharging the refrigerant fluid from the compressor.



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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F04B 39/00, 17/00, 11/00; F01N 1/02, 1/08; B21D 51/16

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 417/312, 415, 540; 181/403, 250, 273, 270

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

US-PGPUB, USPat, USOCR, EPO, JPO, Derwent, IBM_TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,558,137 B2 (Tomell et al.) 6 May 2003 (06.05.2003), full text and drawings.	1-11 and 14-17
Y	US 4,111,278 A (Bergman) 5 September 1978 (05.09.1978), Fig. 2 and col. 2.	1-11 and 14-17

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☐ See patent family annex.

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P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Christopher H. Orders

Telephone No. (571) 272-3750