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(71) Applicants (for all designated States except US): **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS (CSIC)** [ES/ES]; c/Serrano, 117, E-28006 Madrid (ES). **UNIVERSIDAD DE ZARAGOZA** [ES/ES]; Campus Pza. San Francisco, Edificio Interfacultades, c/Pedro Cerbuna, 12, E-50009 Zaragoza (ES). **GWR INSTRUMENTS, INC.** [US/US]; 6264 Ferris Square, Suite D, San Diego, California 92121 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MILLÁN, Conrado Rillo** [ES/ES]; Instituto de Ciencia de Materiales de Aragón (ICMA), Facultad de Ciencias Físicas, Pza. San Francisco, s/n, E-50009 Zaragoza (ES). **MARTÍNEZ, Leticia Tocado** [ES/ES]; Universidad de Zaragoza, Campus Pza. San Francisco, Edificio Interfacultades, c/Pedro Cerbuna, 12, E-50009 Zaragoza (ES). **REINEMAN, Richard C.** [US/US]; 414 Sea Ridge Drive, La Jolla, California 92037 (US). **WARBURTON, Richard J.** [US/US]; 13419 Barbados Way, Del Mar, California 92014 (US).

(74) Agents: **MAXHAM, Lawrence A.** et al.; The Maxham Firm, 9330 Scranton Road, Suite 350, San Diego, California 92121 (US).

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(54) Title: GAS LIQUEFACTION SYSTEM AND METHOD

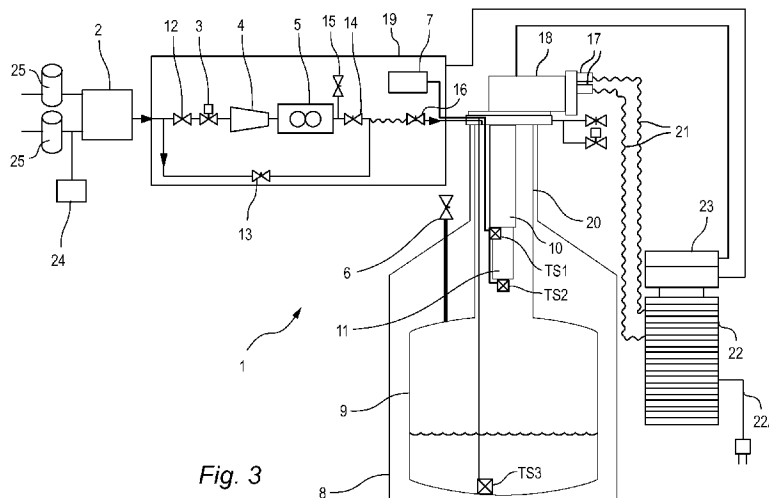


Fig. 3

(57) Abstract: A system and a method for liquefaction of gases which are utilized in their liquid state as refrigerants in applications that require low temperatures, throughout various pressure ranges, from slightly above atmospheric pressures to pressures near the critical point. The system and method are based on closed-cycle cryocoolers and utilize the thermodynamic properties of the gas to achieve optimal liquefaction rates.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F25B

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 practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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