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(71) Applicant: **LECO CORPORATION** [US/US]; 3000 Lakeview Avenue, St. Joseph, MI 49085 (US).

(72) Inventor: **MERRICK, Mark**; 3869 Madison Ave., Bridgman, MI 49106 (US).

(74) Agent: **APPLEDORN, Thomas, J.** et al.; Honigman Miller Schwartz and Cohn LLP, 350 East Michigan Avenue, Suite 300, Kalamazoo, MI 49007-3800 (US).

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(54) Title: CHROMATOGRAPHY SYSTEM

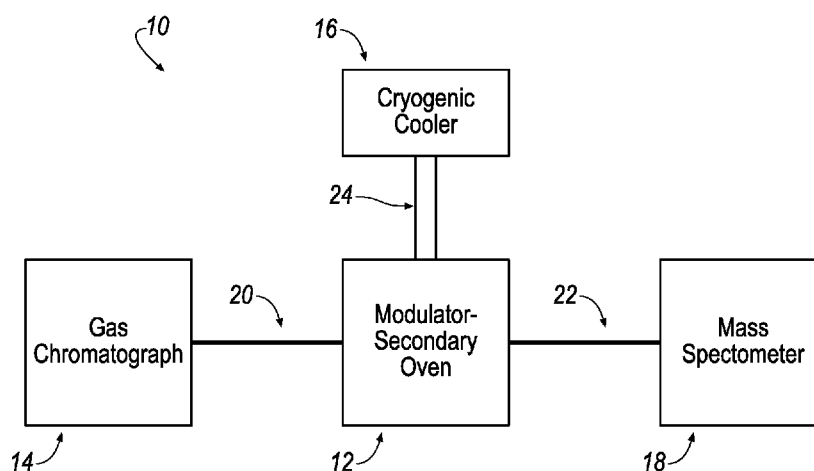


FIG. 1

(57) Abstract: A chromatography system includes a modulator, a chromatograph, a cooler, and a detector. The chromatograph is connected to the modulator by a first heated transfer line. The detector is connected to the modulator by a second heated transfer line. The cooler is connected to the modulator. The modulator is arranged outside of the chromatograph.



A. CLASSIFICATION OF SUBJECT MATTER**G01N 30/46(2006.01)i, G01N 30/02(2006.01)i, G01N 30/30(2006.01)i**

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)

G01N 30/46; G01N 31/12; G01N 30/30; G01N 30/14; G01N 30/06; G01N 30/12; B01D 15/08; G01N 30/02

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & keywords: chromatography system, modulator, chromatograph, first heated transfer line, detector, second heated transfer line, cooler, secondary oven, heater, capillary column

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4919893 A (BANDURSKI, E. L. et al.) 24 April 1990 See column 1, lines 6-7; column 4, line 1-column 5, line 63; and figures 1-4.	1-19, 22-25
Y		20-21
Y	US 2011-0088452 A1 (KIM, S. J. et al.) 21 April 2011 See paragraphs [0021], [0023]; and figure 1.	20-21
A	WO 2010-004404 A1 (SAIPEM S.P.A) 14 January 2010 See the whole document.	1-25
A	WO 98-21574 A1 (ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY) 22 May 1998 See the whole document.	1-25
A	US 5288310 A (PETERS, A. J. et al.) 22 February 1994 See the whole document.	1-25

 Further documents are listed in the continuation of Box C. See patent family annex.

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International Application Division
Korean Intellectual Property Office
189 Cheongsu-ro, Seo-gu, Daejeon, 35208, Republic of Korea

Facsimile No. +82-42-481-8578

Authorized officer

JANG, Gijeong

Telephone No. +82-42-481-8364



INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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