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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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(54) Title: APPARATUS, DEVICES, SYSTEMS, KITS, AND METHODS OF MONITORING FOOD TREATING MEDIA

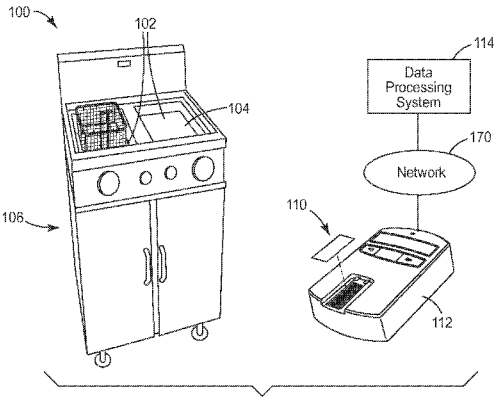


FIG. 1

(57) Abstract: An apparatus, system, and method regarding the monitoring of a fluid parameter are disclosed. More particularly, it relates to apparatus, systems, and methods of efficiently and economically monitoring the quality of a fluid, such as food treating media. An improved portable testing device may be in the form of a cartridge that is usable with a separate testing apparatus used to measure a parameter of the fluid carried on the sensing device. Included is a system and method that include a portable hand-held device having a sensing device and a filter for protecting the sensing device from the fluid to be tested.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

G01N 33/03(2006.01)i, G01N 27/30(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)

IPC G01N

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 since 1975

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

eKOMPASS(KIPO internal)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 06469521 B1 (EBRO ELECTRONIC GMBH & CO.) 22.10.2002 See Abstract, Figures 1-4 and Claims 1-7.	15 1-14
X A	US 2007-0040559 A1 (Klun, Wolfgang) 22.02.2007 See Abstract, Figure 2 and Page 4.	15 1-14
A	US 04654309 A (Minnesota Mining and Manufacturing Co.) 31.03.1987 See Abstract and Claims 1,8.	1-15

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

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Date of the actual completion of the international search	Date of mailing of the international search report
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Information on patent family members

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