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Declarations under Rule 4.17:

- 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))

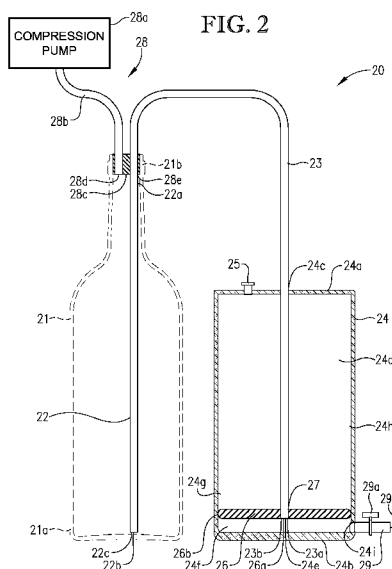
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(54) Title: LIQUID HANDLING SYSTEM WITH REDUCED EXPOSURE TO AIR



(57) Abstract: A liquid handling system and a method for receiving, storing, and dispensing a liquid while minimizing the exposure of the liquid to the ambient air are disclosed. The method includes upwardly shifting a barrier positioned in a storage container while filling the container with the liquid.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 14/47240

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - B67D 7/02 (2015.01)
CPC - B67D 7/02
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(8) - B67D 7/02 (2015.01)
CPC - B67D 7/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
IPC(8) - B67D 7/02, B67D 7/78 (2015.01)
CPC - B67D 1/00, B67D 3/00, B67D 7/02, B67D 7/0277, B67D 7/0238, B67D 7/0288, B67D 7/78 (Search Terms Limited, See Below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PatBase, Google Patents, Google Scholar. Search Terms Used: wine extraction system; compressed air to store fluid; unexposed transfer of liquids; wine preservation system using vacuum; Liquid Handling System; wine; ambient OR atmospheric OR surrounding OR background; exposure; limit OR minimize; float;

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,120,425 A (Bethurum) 17 October 1978 (17.10.1978), entire document, especially Abstract; Fig 1; Col 2, ln 25-34, 49-68; Col 3, ln 1-2, 5-7, 16-22	22-23, 30
Y		1-21, 24-29, 31-35
Y	US 4,392,578 A (Fipp et al.) 12 July 1983 (12.07.1983), entire document, especially Abstract; Fig 1-2; Col 1, ln 14-18; Col 2, ln 9-12, 55-59	1-21, 28-29
Y	US 2009/0274793 A1 (Schroeder) 05 November 2009 (05.11.2009), entire document, especially Fig 6; para [0033], [0062]	24-26, 35
Y	US 4,597,422 A (Kovacevich, Jr.) 01 July 1986 (01.07.1986), entire document, especially Abstract; Fig 4; Col 2, ln 54-60; Col 4, ln 33-34	14-15, 21, 27, 31-35
A	US 2010/0206900 A1 (Dobrusskin et al.) 19 August 2010 (19.08.2010), entire document	1, 22
A	US 2008/0110847 A1 (Rees et al.) 15 May 2008 (15.05.2008), entire document	1, 22
A	CN 201,849,772 U (Wang et al.) 01 June 2011 (01.06.2011), entire document	1, 22
A	US 2010/0108182 A1 (Noonan) 06 May 2010 (06.05.2010), entire document	1, 22

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
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 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

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