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(54) **NESTABLE DRUM SYSTEM**

(57) A nestable drum (103) for storing liquids is disclosed. In one non-limiting example, a drum (103) may include a tapered cylinder between a first end (112) and a second end (115). The tapered cylinder can have a top opening at the first end (112). A recessed port (127) is positioned along a surface of the tapered cylinder. The recessed port (127) can provide a side opening and can be configured as an outlet port for a liquid. The drum (103) also includes a first recessed platform (118) and a second recessed platform. The first recessed platform (118) can be nearer to the first end (112) than the second end (115) along on the surface of the tapered cylinder. The second recessed platform (121) can be nearer to the second end (115) than the first end (112) along on the surface of the tapered cylinder. The second recessed platform (121) can extend further inward toward a center of the tapered cylinder than the first recessed platform (118).

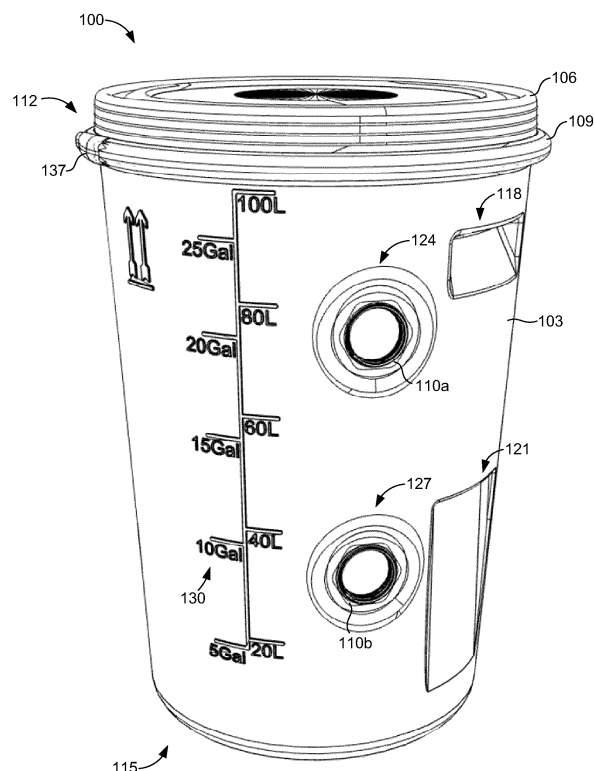


FIG. 1A



EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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X	US 2004/149617 A1 (SCHUTZ UDO [DE]) 5 August 2004 (2004-08-05)	1,2,4,5,8,9,11-14	B65D21/02 B65D25/28 B65D25/56 B65D45/34
Y	* paragraphs [0016], [0018], [0019];	6,7	
A	figures 1,3,4 * -----	3,10	
Y	WO 95/25054 A1 (STERIFANT INTERNATIONAL HOLDIN [LU]; KAULEN ERNST [DE] ET AL.) 21 September 1995 (1995-09-21)	6,7	
A	* figures 1,6,10 * -----	9	
A	US 5 096 083 A (SHAW MARK D [US] ET AL) 17 March 1992 (1992-03-17) * figure 3 * -----	1	
A	US 2016/280424 A1 (LUBURIC FRANO [US]) 29 September 2016 (2016-09-29) * figures 16,17 * -----	10	TECHNICAL FIELDS SEARCHED (IPC)
A	WO 96/00169 A1 (POLARCUP GMBH [DE]) 4 January 1996 (1996-01-04) * figures 1,2 * -----	1	B65D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 3 September 2020	Examiner Sundell, 011i
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-14

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).

**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-14

A tapered drum with two platforms and a recessed port

2. claims: 15-20

A tapered apparatus with two recessed ports

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 20 16 8780

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82