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(54) REAGENT BOTTLE SHADING DEVICE AND ANALYSIS DEVICE

(57) The present utility model relates to a reagent bottle shading device, comprising: a tray and a sidewall connected to the tray; wherein a base hole is provided on the tray, the size of the base hole being adapted for the entry of a finger.

opening, to allow the convenient insertion and withdrawal of a reagent bottle; wherein a base hole is provided on the tray, the size of the base hole being adapted for the entry of a finger.

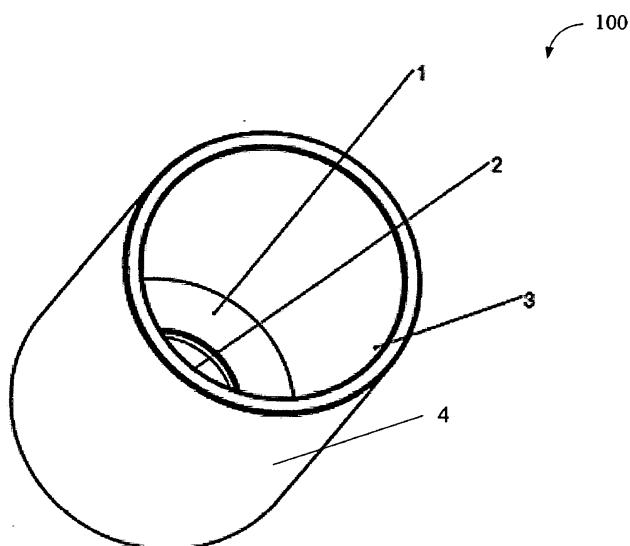


Fig. 1



EUROPEAN SEARCH REPORT

Application Number
EP 15 00 1322

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
10	X US 4 278 176 A (ADAMS MARK B) 14 July 1981 (1981-07-14) * column 1, line 11 - line 17 * * column 3, line 8 - line 20 * * column 3, line 67 - column 4, line 3 * * column 4, lines 13-16, 21-26, 31-41 * * figures 1, 2 * -----	1-5	INV. B01L3/00 B01L9/00 B65D23/08 B65D81/30
15	X US 8 561 828 B2 (KRAUSS ULRICH [DE] ET AL) 22 October 2013 (2013-10-22) * column 1, line 22 - line 62 * * column 2, line 44 - column 3, line 4 * * figures 1, 2 *	1-5	
20	X WO 2014/028159 A1 (BECTON DICKINSON CO [US]) 20 February 2014 (2014-02-20) * paragraphs [0027], [0028], [0035], [0038] * * figures 1-6, 8, 9 *	1-4	
25	X EP 0 508 015 A2 (CHROMACOL LTD [GB]) 14 October 1992 (1992-10-14) * column 2, line 8 - line 33 * * column 3, line 10 - line 18 * * figures 2, 3, 6 *	1-4	TECHNICAL FIELDS SEARCHED (IPC)
30	X EP 0 916 406 A2 (BAYER AG [US]) 19 May 1999 (1999-05-19) * paragraphs [0016], [0017], [0023] * * figures 1-5 *	1-3	B01L B65D
35	X -----		
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45			
50	2 The present search report has been drawn up for all claims		
55	Place of search The Hague	Date of completion of the search 30 September 2015	Examiner Bischoff, Laura
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.

10 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):

15 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.

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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:

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see sheet B

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

35 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:

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45 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:
2-5 (completely); 1 (partially)

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55 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).



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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:

10 1. claims: 2-5(completely); 1(partially)

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A reagent bottle shading device, comprising: a tray and a sidewall connected to the tray; wherein a top end of the sidewall forms a top end opening, to allow the insertion and withdrawal of a reagent bottle; wherein a base hole is provided on the tray, the size of the base hole being adapted for the entry of a finger, solving the problem to provide an alternative reagent bottle shading device which facilitates insertion and withdrawal of the reagent bottle.

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20 2. claims: 6-10(completely); 1(partially)

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A reagent bottle shading device, comprising: a tray and a sidewall connected to the tray; wherein a top end of the sidewall forms a top end opening, to allow the insertion and withdrawal of a reagent bottle; wherein a base hole is provided on the tray, the size of the base hole being adapted for the entry of a finger, further comprising a weight sensor adapted for detecting the weight of a reagent bottle - An analysis device, comprising such a reagent bottle shading device; a reagent addition means adapted for adding reagent to the reagent bottle; and a control means adapted for controlling the reagent addition means according to the weight of the reagent bottle detected by the weight sensor, solving the problem to provide a reagent bottle shading device with a weight sensor.

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

EP 15 00 1322

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.

30-09-2015

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