

Title (en)
Container for a liquid specimen.

Title (de)
Probenbehälter für Flüssigkeiten.

Title (fr)
Récipient pour un échantillon liquide.

Publication
EP 0539141 A1 19930428 (EN)

Application
EP 92309546 A 19921020

Priority
JP 9447991 U 19911022

Abstract (en)
The container is for a liquid specimen such as blood or urine, and is used in the field of clinical examination or the like. The container has a cap (10) and a container main body (12) with a specimen cavity which is openable and closable by the cap (10). The bottom (14) of the specimen cavity is disposed towards the middle of the main body (12). Thus, the external size of the container may be the same as for an ordinary container, whilst the internal size is smaller. The small internal size prevents a small specimen from being damaged when it is agitated. The standard external size makes the container compatible with existing open and closed sampling systems. Preferably, an elastically deformable member (22) is located in an opening (20) in the middle of the upper surface of the cap (10). Preferably, a light shielding part (28) is positioned at the bottom of the main body (12) to permit the presence of the container to be detected, and a specimen adhering part (34) for preparing a smeared specimen extends downwards from a position offset from the middle of the elastically deformable member (22) in order to avoid obstructing a sampling needle.
<IMAGE>

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IPC 8 full level
G01N 1/10 (2006.01); **B01L 3/14** (2006.01); **G01N 33/48** (2006.01)

CPC (source: EP)
B01L 3/5082 (2013.01); **B01L 3/50825** (2013.01)

Citation (search report)
• [X] EP 0448795 A2 19911002 - BECTON DICKINSON CO [US]
• [X] US 4980129 A 19901225 - COLUMBUS RICHARD L [US]
• [YD] EP 0383262 A2 19900822 - TERUMO CORP [JP]
• [A] FR 2339851 A1 19770826 - SIEMENS AG [DE]
• [A] DE 2813680 B1 19790613 - SARSTEDT KUNSTSTOFF
• [A] CH 330179 A 19580531 - BOETTGER PAUL DR MED [DE]
• [AD] PATENT ABSTRACTS OF JAPAN vol. 13, no. 533 (P-967)28 November 1989 & JP-A-01 219 561 (TERUMO CORP) 1 September 1989

Cited by
DE9418060U1; CN113184356A; US8747381B2; WO2014064548A1; WO9534381A3; WO9712681A1

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