

Title (en)  
PLASTIC REACTION CONTAINER FOR SMALL LIQUID SAMPLES

Publication  
**EP 0149797 B1 19890125 (DE)**

Application  
**EP 84115399 A 19841213**

Priority  
DE 3402276 A 19840124

Abstract (en)  
[origin: US4713219A] A plastic reaction vessel for holding a small quantity of liquid comprises a vessel body which has a body flange (4) surrounding an opening formed in the body, a cover, and a connecting strip (5) which is integral with the vessel body and the cover. Opposite to the connecting strip (5), the body flange (4) has a downwardly facing abutment surface (25), which is engageable by a hooklike extension (23), which is formed on the cover (6) and extends downwardly when the cover is closed. The connecting strip (5) comprises a hinge portion (12) between its opposite end portions. The cover comprise a cylindrical skirt, which is adapted to be inserted into the vessel body through the opening therein. A sealing lip (8) is provided on the outside of said skirt at that end thereof which is adapted to be inserted into the opening of the vessel body. The cover (6) has an outwardly protruding rim (16), from which a depending flange extends, which contacts the body flange so that a parallel guidance of the cover (6) is effected in conjunction with the hinge portion of the connecting strip. An alignment of the cover (6) is effected by the sealing lip (8), which is formed on the cylindrical skirt and in sealing contact with the inside surface of the vessel body.

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**B01L 3/14**

IPC 8 full level  
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CPC (source: EP US)  
**B01L 3/50825** (2013.01 - EP US)

Cited by  
DE10013240A1; DE4139810A1; DE19645892C2; US5270011A; GB2213743B; DE102005058399A1; DE10005024A1; DE10005024C2; WO9511083A3

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