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[54] **SAMPLER**

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[57] **ABSTRACT**

To sample liquids containing volatile materials, the liquid is pumped through a syringe needle into a container until the container overflows. The needle is removed slowly and the container is automatically closed as the needle is withdrawn, wherein liquid flows upwardly continuously as the needle is withdrawn through an opening. The cap for the container includes a closure having a valve opening extending upwardly and sized to narrowly receive a syringe in a perpendicular valve member opening. The valve member includes a flat member on one end adapted to be gripped by a cam follower for opening and closing of the valve opening in coordination with the movement of the syringe.

22 Claims, 12 Drawing Sheets

