

Title (en)
DISCHARGE CONTAINER WITH FILTER

Title (de)
AUSSTRAGSBEHÄLTER MIT FILTER

Title (fr)
RESERVOIR D'EVACUATION DOTE D'UN FILTRE

Publication
EP 1671897 B1 20110427 (EN)

Application
EP 04817116 A 20040917

Priority
• JP 2004013630 W 20040917
• JP 2003351313 A 20031009

Abstract (en)
[origin: EP1671897A1] A discharging container with a filter capable of sucking content liquid remaining on the downstream side of the filter to the upstream side of the filter, capable of accurately dripping the content liquid while avoiding an air lock state, and manufacturable at reduce cost, particularly in an instillation vial, comprising a bottle formed by laminating an inner layer separable from an outer layer on the inner surface of the outer layer and a plug body fitted to the mouth part of the bottle. A discharging passage for discharging the content liquid stored in the body part of the inner layer is formed in the plug body, and the filter is installed in the discharging passage. The inner layer has a restoring property to expand so that a pressure difference between an internal negative pressure and the atmospheric pressure is increased larger than filtration resistance of the filter, a negative pressure is produced in the inner layer by the recovering property of the inner layer, and the liquid remaining on the secondary side of the filter is sucked to the primary side of the filter.

IPC 8 full level
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