

Title (en)
FLUID DISPENSING DEVICE

Title (de)
ABGABEVORRICHTUNG FÜR FLUIDE

Title (fr)
DISPOSITIF DE DISTRIBUTION DE FLUIDES

Publication
EP 1324834 A1 20030709 (DE)

Application
EP 01986625 A 20011006

Priority
• DE 10049898 A 20001010
• EP 0111534 W 20011006

Abstract (en)
[origin: US6666355B2] A device for dispensing fluids from a sealed off-storage container includes a housing placed on the container that receives a pressure cylinder for insertion in the container. The cylinder has a pressure chamber defined at the upper end by a piston guided in the cylinder and at the lower end by a valve. The valve acts upon the container and is closed when there is an excess pressure and opens when there is a negative pressure in the chamber. The piston has a pump channel linked with the chamber, and the cylinder has openings upstream of the chamber for drawing off residual air present in the container. A passage between an outer wall of the piston and an inner wall of the cylinder upstream of the openings is closed by a sealing washer. Residual air is drawn off via the openings and the passage, whereby the sealing washer loses its sealing effect on the piston.

IPC 1-7
B05B 11/00

IPC 8 full level
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CPC (source: EP US)
B05B 11/0044 (2018.08 - EP US); **B05B 11/1001** (2023.01 - EP US); **B05B 11/0097** (2013.01 - EP US); **B05B 11/026** (2023.01 - EP US)

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