

Title (en)  
SEALED FLUID DISPENSING DEVICE

Title (de)  
HERMETISCHE VORRICHTUNG ZUR AUSGABE VON FLÜSSIGKEITEN

Title (fr)  
DISPOSITIF HERMETIQUE DE DISTRIBUTION DE FLUIDE

Publication  
**EP 1075433 B1 20020116 (FR)**

Application  
**EP 99916958 A 19990429**

Priority  
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• FR 9805394 A 19980429

Abstract (en)  
[origin: US6536631B1] A device for dispensing fluid including a pressure-operated reservoir and a dose-metering head communicating with the reservoir to permit at least partial flow of the fluid to at least one outlet opening, the head including a fixed body and a membrane which, when at rest, comes into surface contact with at least a part of the fixed body on which the membrane is tightly mounted, the outlet opening being provided on an external element, wherein tightening of the membrane, during pressure operation of the reservoir, permits a flow from the reservoir via a peripheral space delimited by the membrane and by the part of the fixed body and which forms a passage for the fluid to the outlet opening, and, in the absence of pressure on the reservoir, to permit the membrane to occupy an equilibrium position in which the membrane is in surface contact with the part of the fixed body, by the intermediary of a thin film of fluid, essentially closing off the passage for the fluid, which essentially tightens the communication between the outlet opening and the reservoir.

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**B65D 47/20**

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