

Title (en)  
Membrane pump for container

Title (de)  
Membranpumpe für Behälter

Title (fr)  
Pompe à membrane pour récipient

Publication  
**EP 1074479 B1 20041020 (FR)**

Application  
**EP 00402212 A 20000802**

Priority  
FR 9910272 A 19990806

Abstract (en)  
[origin: EP1074479A1] Pump (10) is mounted on a bottle (13) having two parts (11,14). Pump has a diaphragm (30) with a first portion (31) placed on the external side (19) of the opening wall, which can contact this wall when the pumping chamber (57) volume decreases and a second portion (32) placed inside the opening wall (41), which can contact this wall when the pumping chamber volume increases.

IPC 1-7  
**B65D 47/34**; **B05B 11/00**

IPC 8 full level  
**F04B 53/10** (2006.01); **B05B 11/00** (2006.01); **B65D 47/34** (2006.01); **F04B 9/14** (2006.01); **F04B 53/00** (2006.01)

CPC (source: EP US)  
**B05B 11/1001** (2023.01 - EP US); **B05B 11/1018** (2023.01 - EP US); **B05B 11/1064** (2023.01 - EP US); **B05B 11/1076** (2023.01 - EP US);  
**B05B 11/1077** (2023.01 - EP US)

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