

Title (en)
A pump dispenser for a vacuum bottle.

Title (de)
Pumpenabgeber für Vakuumgefäß.

Title (fr)
Distributeur à pompe pour une bouteille à vide.

Publication
EP 0000093 A1 19781220 (EN)

Application
EP 78300022 A 19780606

Priority
• US 80373677 A 19770606
• US 83751977 A 19770929

Abstract (en)
A vacuum bottle includes a pump dispenser (18) for dispensing liquids from the temperature insulating interior without the need for removing the top or pouring. The pump dispenser employs a manually operated disk (26) to pump air from a diaphragm (28) into the bottle interior where it forces the liquid contents up a fluid tube (24) and out a dispensing spout (20). A plurality of spaced ribs improve the operation of the dispenser mechanism by preventing twisting of the disk during pumping.

IPC 1-7
B65D 47/34; **A47J 41/02**; **G01F 11/08**

IPC 8 full level
A47J 41/00 (2006.01); **B05B 11/00** (2006.01); **B65D 47/34** (2006.01); **A47J 41/02** (2006.01); **B67D 1/04** (2006.01); **F04B 45/02** (2006.01); **F04F 1/06** (2006.01); **G01F 11/02** (2006.01)

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A47J 41/0033 (2013.01); **B05B 11/06** (2013.01); **B67D 1/04** (2013.01); **B67D 1/0425** (2013.01); **F04B 45/02** (2013.01); **F04F 1/06** (2013.01); **G01F 11/028** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
BE CH DE FR GB LU NL SE

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