

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  
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CPC (source: EP)  
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Citation (search report)  
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BE CH DE FR GB LU NL SE

DOCDB simple family (publication)  
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