

Title (en)  
APPARATUS FOR DISPENSING LIQUIDS

Publication  
**EP 0115166 B1 19880127 (EN)**

Application  
**EP 83307790 A 19831221**

Priority  
US 45318482 A 19821227

Abstract (en)  
[origin: EP0115166A1] Beverage storing and dispensing apparatus and a method of dispensing a potable beverage in which there is a non-pressurised sanitary storage tank (11) with a fill opening (12) in the top, and a normally non-pressurised pump (25) that is inside of the tank and which is removable through the tank opening while propellant and dispensing lines (68, 67) are connected to the pump; the pump has a tubular body (26), an end cap (40), a collar nut (49), holding the end cap to the body, and an expandable elastomeric bladder (52), mounted upon the end cap; a gas control has an actuator (70) for selective application of compressed propellant gas to the normally non-pressurised pump; the pump has an upward facing receiver for connection to a non-pressurised remote beverage source or to a single usage beverage package. Also a pump for such an apparatus and a method for using such a pump in such an apparatus.

IPC 1-7  
**B67D 1/04**; F04B 43/10

IPC 8 full level  
**B67D 1/04** (2006.01); **B67D 1/10** (2006.01); **F04B 43/10** (2006.01)

CPC (source: EP KR)  
**B67D 1/00** (2013.01 - KR); **B67D 1/10** (2013.01 - EP)

Cited by  
US5499741A; CN109890747A

Designated contracting state (EPC)  
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0115166 A1 19840808**; **EP 0115166 B1 19880127**; AT E32208 T1 19880215; AU 2287183 A 19840705; BR 8307140 A 19840807; CA 1232243 A 19880202; DE 3375472 D1 19880303; ES 528395 A0 19841201; ES 8501713 A1 19841201; JP S59174495 A 19841002; KR 840006956 A 19841204; NZ 206711 A 19870220; ZA 839630 B 19840829

DOCDB simple family (application)  
**EP 83307790 A 19831221**; AT 83307790 T 19831221; AU 2287183 A 19831223; BR 8307140 A 19831226; CA 444037 A 19831222; DE 3375472 T 19831221; ES 528395 A 19831226; JP 25243283 A 19831227; KR 830006207 A 19831227; NZ 20671183 A 19831222; ZA 839630 A 19831227