

Title (en)

High-pressure pneumatic beverage dispensing system

Title (de)

Mit Hochdruck betriebener pneumatischer Getränkespender

Title (fr)

Distributeur de boissons pneumatique à pression surélevée

Publication

EP 1092673 A1 20010418 (EN)

Application

EP 99120507 A 19991015

Priority

EP 99120507 A 19991015

Abstract (en)

A self-contained high pressure pneumatic beverage dispensing system configured for portable or fixed installations. The beverage system is designed to dispense carbonated and noncarbonated mixed beverages, as well as any carbonated and noncarbonated unmixed beverages in liquid form. In particular, the self-contained pneumatic beverage dispensing system includes source of high pressure water, a source of high pressure CO₂ gas, a carbonator tank, a tank water level switch, and a water valve. In a first embodiment, the source of pressurized water comprises a high pressure water tank containing water that is pressurized with CO₂ gas. In a second embodiment, the source of pressurized water comprises a low pressure water tank, and a high pressure water pump that is used to raise the pressure of the water supplied by the low pressure water tank.

<IMAGE>

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B67D 1/00; **B67D 1/04**

IPC 8 full level

B67D 1/00 (2006.01); **B67D 1/04** (2006.01)

CPC (source: EP)

B67D 1/0057 (2013.01); **B67D 1/0462** (2013.01)

Citation (applicant)

- US 5411179 A 19950502 - OYLER EDWARD N [US], et al
- US 5553749 A 19960910 - OYLER EDWARD N [US], et al

Citation (search report)

- [YA] WO 9412425 A1 19940609 - BAKELIT KONSTR AB [SE], et al
- [DY] US 5411179 A 19950502 - OYLER EDWARD N [US], et al
- [Y] EP 0238274 A2 19870923 - CORNELIUS CO [US]
- [A] EP 0745425 A1 19961204 - SANYO ELECTRIC CO [JP]
- [A] FR 2671268 A1 19920710 - WILSHIRE PARTNERS [US], et al
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