

Title (en)

APPARATUS FOR DISPENSING LIQUIDS BY COMPRESSED GAS

Publication

EP 0151223 A3 19860115 (DE)

Application

EP 84112131 A 19841010

Priority

DE 3346330 A 19831222

Abstract (en)

[origin: US4613060A] A gas pressure operated dispensing method and apparatus for dispensing fluids including a first container as a primary fluid source, a second container as a reserve fluid source, a first gas line connected to the first container and a second gas line connected to the second container, a gas pressure source connected to the first and second gas lines for supplying a pressurized gas thereto, a first change over valve and a second change over valve disposed in the first gas line and the second line, respectively, a supply line for introducing a fluid into the second container, a discharge line for discharging a fluid from the first container, a fluid line communicating with the supply line and the second container at one end and the discharge line and the first container at the other end, the fluid line containing a third valve, and vent line selectively connectible to the second gas line through the second change over valve when the gas pressure source is separated from the second gas line by the second change over valve.

IPC 1-7

B67D 5/54; B67D 1/12

IPC 8 full level

B67D 7/72 (2010.01)

CPC (source: EP US)

B67D 7/72 (2013.01 - EP US); **Y10T 137/3127** (2015.04 - EP US); **Y10T 137/469** (2015.04 - EP US); **Y10T 137/4841** (2015.04 - EP US)

Citation (search report)

- [A] DE 197787 C
- [A] US 4284210 A 19810818 - HORAK VLADIMIR
- [A] DE 3028528 A1 19810219 - COCA COLA CO

Cited by

US5316654A; EP0394466A4

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0151223 A2 19850814; **EP 0151223 A3 19860115**; DE 3346330 A1 19850711; US 4613060 A 19860923

DOCDB simple family (application)

EP 84112131 A 19841010; DE 3346330 A 19831222; US 68218684 A 19841217