

Title (en)

Beverage dispenser system using volumetric ratio control device.

Title (de)

Getränkeabgabeeinrichtung mit Kontrollvorrichtung für das Mengenverhältnis.

Title (fr)

Distributeur de boissons avec dispositif de contrôle du rapport volumétrique.

Publication

EP 0532062 B1 19951129 (EN)

Application

EP 92119357 A 19870717

Priority

- EP 87110380 A 19870717
- US 88854686 A 19860718

Abstract (en)

[origin: EP0532063A1] A postmix valve for a beverage dispenser, including a volumetric ratio control device incorporated therein to provide positive ratio control. The device includes a syrup piston (40) and a soda piston (42) linked together, syrup (44) and soda (46) chambers, and valve means for controlling the flow to and from the chambers. The soda pressure drives the pistons. The valve means include four paddle valves (111, 112, 113, 114). This valve can be used with any of a figal, a bag-in-box, a gravity tank, or a non-returnable container under no pressure or under a low pressure of 5 to 10 psig.

IPC 1-7

B67D 1/00; B67D 1/10

IPC 8 full level

B67D 1/12 (2006.01); **B67D 1/00** (2006.01); **B67D 1/10** (2006.01); **B67D 1/14** (2006.01)

CPC (source: EP)

B67D 1/0031 (2013.01); **B67D 1/0048** (2013.01); **B67D 1/0085** (2013.01); **B67D 1/107** (2013.01); **B67D 1/1288** (2013.01); **B67D 2001/0089** (2013.01)

Cited by

RU2506223C2; US7905373B2; US11634311B2; US11504458B2; US11655806B2; WO9936348A1; US11906988B2; US8087303B2; US11365107B2; US11427462B2; US11738989B2; US11135345B2; US11752246B2; US8322570B2; US11661329B2; US11975960B2; US2009277516A1; US9146564B2; US11429120B2

Designated contracting state (EPC)

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EP 87110380 A 19870717; AT 92119357 T 19870717; AT 92119358 T 19870717; BR 8703743 A 19870717; CA 542041 A 19870714; DE 3751624 T 19870717; DE 3751625 T 19870717; EP 92119357 A 19870717; EP 92119358 A 19870717; JP 17734487 A 19870717