

Title (en)

Beverage dispenser system using volumetric ratio control device.

Title (de)

Getränkespender mit Volumenverhältnis-Regelvorrichtung.

Title (fr)

Distributeur de boisson muni d'un système de contrôle du rapport volumétrique.

Publication

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Application

EP 87110380 A 19870717

Priority

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Abstract (en)

A postmix valve for a beverage dispenser, including a volumetric ratio control device (48) 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 (52, 54) for controlling the flow to and from the chambers. The soda pressure drives the pistons. The valve means can include, for example, two 4-way slide valves, four 3-way valves, or four 3-way poppet valves. 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. This invention also includes a non-returnable, pressurizable syrup container.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

US4886190A; US5388725A; EP0466772A4; US5381926A; EP3519349A4; EP0366431A1; GB2205816B; US5429681A; WO9325465A1; WO9408886A1; US11702331B2; WO2018064451A1; US11713232B2

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