

Title (en)

Low pressure, high efficiency carbonator and method.

Title (de)

Hoch effizienter Niederdruck-Karbonator und Verfahren.

Title (fr)

Carbonateur à basse pression et à rendement élevé et méthode.

Publication

EP 0296570 A1 19881228 (EN)

Application

EP 88109949 A 19880622

Priority

- US 6780387 A 19870626
- US 6801787 A 19870626
- US 6801887 A 19870626

Abstract (en)

An improved method and means for carbonating water includes an inexpensive pressure vessel that operates at low fluid pressures, and that is selectively vented of accumulated atmospheric gases to maintain high carbonating efficiency. Supplemental gasification of the dispensed liquid and selective cooling techniques used on the inlet water and on the carbonator promote high-level carbonation on low volume usage of pressurized carbon dioxide gas. Post-mix apparatus and method produce flavored soft drinks with only minimum additional equipment.

IPC 1-7

A23L 2/26; B01F 3/04

IPC 8 full level

B01F 3/04 (2006.01); **B01F 5/02** (2006.01); **B01F 13/10** (2006.01); **B67D 1/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

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