

Title (en)

Concentrate dosing device for fruit juice dispensers

Title (de)

Konzentrat-Dosiervorrichtung für Obstsaft-Abgabevorrichtungen

Title (fr)

Dispositif de dosage de concentré pour distributeur de jus de fruit

Publication

**EP 0736483 A1 19961009 (EN)**

Application

**EP 95500165 A 19951213**

Priority

- ES 9500658 A 19950403
- ES 9502058 A 19951024

Abstract (en)

It incorporates a Venturi device located between a sealed tank containing syrup or concentrate (arrow 14) and a water supply source (7) either from the main water supply network or from a tank, plus a depression valve (21) located at the Venturi device inlet which, when the moment comes, introduces air into the circuit and enables the syrup shortage detection (20) and inhibits top up water feed. It may be alternatively regulated through the pressure regulator, the Venturi device, or a combination of both. Enables alternative dispensing using a pouring tap (23), at the same that the maximum (9) and minimum (8) level detectors are substituted by a manually operated lever (22) or push button. <IMAGE>

IPC 1-7

**B67D 1/00**; **B67D 5/56**

IPC 8 full level

**B67D 3/00** (2006.01); **B67D 7/74** (2010.01); **B67D 1/00** (2006.01)

CPC (source: EP)

**B67D 1/0045** (2013.01); **B67D 1/0047** (2013.01); **B67D 3/0012** (2013.01)

Citation (search report)

- [A] US 2993683 A 19610725 - MILLS BERT E
- [A] US 5033649 A 19910723 - COPELAND JAMES L [US], et al
- [DA] US 4544084 A 19851001 - CLELAND ROBERT K [US]
- [DA] US 5000352 A 19910319 - CLELAND ROBERT K [US]

Cited by

AU762970B2; CN102762485A; EA022042B1; FR3134590A1; US9580291B2; WO0075066A1; WO2011076521A1; WO2023198816A1; US9399570B2

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