

Title (en)

Method and device for filling bottles, cans and similar containers with a liquid product

Title (de)

Verfahren zum Füllen von Flaschen, Dosen oder dergleichen Behälter mit einem flüssigen Füllgut sowie Füllmaschine

Title (fr)

Procédé et dispositif pour remplir des bouteilles, boîtes et récipients similaires de produit liquide

Publication

EP 1162167 B1 20030102 (DE)

Application

EP 01112180 A 20010518

Priority

DE 10028676 A 20000609

Abstract (en)

[origin: EP1162167A1] A filling machine (1) fills bottles (2) with drinks like lemonade and has multiple filling points set at equal angles apart on a rotor (3) running round a vertical machine axis. Each filling point consists of a filling element (4) and a container supporter. A ring kettle fits on the rotor with a gas area containing CO2 gas under atmospheric pressure.

IPC 1-7

B67C 3/06; **B67C 3/10**

IPC 8 full level

B67C 3/06 (2006.01); **B67C 3/10** (2006.01)

CPC (source: EP US)

B67C 3/065 (2013.01 - EP US); **B67C 3/10** (2013.01 - EP US)

Cited by

CN102371128A; EP1739050A3; CN106348235A; CN114735637A; US10179725B2; US8726946B2; US9963335B2; WO2023156278A1; WO2014161628A1; WO2014139547A1; WO2008101572A1; EP2386518B1

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