

Title (en)

Bottle filling device with liquid level adjustment without loss of liquid

Title (de)

Flaschenfüllvorrichtung mit Füllhöheregelung ohne Flüssigkeitsverlust

Title (fr)

Dispositif d'emplissage de bouteilles avec mise à niveau du liquide dans lesdites bouteilles, sans perte de liquide

Publication

EP 0906889 B1 20010321 (FR)

Application

EP 98450016 A 19981001

Priority

FR 9712725 A 19971003

Abstract (en)

[origin: EP0906889A1] The bottle filler consists of a nozzle (120) connected to a container (110) of the liquid (112) and containing an air return tube lying coaxially with its cannula (126) inside the nozzle and having a radial aperture (125) adjacent to the nozzle tip. The outlet end of the cannula is situated at one height (H₀), while the aperture (125) in the air return tube (124) is situated at a second height (H₁) above it. Both the cannula and air return tube are at atmospheric pressure.

IPC 1-7

B67C 3/26

IPC 8 full level

B67C 3/26 (2006.01)

CPC (source: EP)

B67C 3/2637 (2013.01); **B67C 2003/2651** (2013.01)

Cited by

EP1810946A1; FR2849011A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0906889 A1 19990407; **EP 0906889 B1 20010321**; AT E199879 T1 20010415; DE 69800617 D1 20010426; FR 2769303 A1 19990409; FR 2769303 B1 19991231

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