

Title (en)

Process and device for filling with liquids

Title (de)

Verfahren sowie Vorrichtung zum Abfüllen von Flüssigkeiten

Title (fr)

Procédé et appareil pour le remplissage avec des liquides

Publication

**EP 1571118 B1 20071121 (DE)**

Application

**EP 05004396 A 20050301**

Priority

DE 102004010279 A 20040303

Abstract (en)

[origin: EP1571118A1] the method involves drawing the air out of the bottle which escapes as the liquid is introduced into the bottle through the resulting air displacement in the bottle. Independent claim describes a device where a filler pipe (7) for the liquid and a vent pipe (4) for the displaced air are introduced into the bottle. To open and close the lower openings of the two pipes these are displaceable coaxial relative to each other. The inner pipe has at the bottom in the opening area a valve plate (5) for closing the opening at the bottom of the outer tube.

IPC 8 full level

**B67C 3/04** (2006.01)

CPC (source: EP)

**B67C 3/04** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1571118 A1 20050907; EP 1571118 B1 20071121**; DE 102004010279 A1 20050922; DE 502005002013 D1 20080103

DOCDB simple family (application)

**EP 05004396 A 20050301**; DE 102004010279 A 20040303; DE 502005002013 T 20050301