

Title (en)

Filling head with a gas barrier and with a valve body guided at the valve seat.

Title (de)

Getränkefüllorgan mit am Ventilsitz geführtem Ventilkörper und Gassperreinrichtung.

Title (fr)

Tête de remplissage avec une barrière à gaz et le corps de soupape guidé dans le siège.

Publication

**EP 0562254 B1 19951129 (DE)**

Application

**EP 93102023 A 19930210**

Priority

DE 4209480 A 19920324

Abstract (en)

[origin: EP0562254A1] A drinks filling element with a casing (1) which surrounds a chute (2) filled with a drink and the floor (3) of which surrounds the outlet in an essentially annular fashion, with a valve body (7) which is arranged in the chute (2) in a vertically controlled manner, rests in its closed position on a valve seat on the floor (3) of the chute so as to seal off the outlet and is guided in such a way that its circumference slides in a piston-like manner in a tubular guiding wall (10) which rises up from the floor of the chute outside the valve seat, is provided with apertures (11) and which extends higher than the valve stroke, and with a gas barrier, is characterised in that, to permit the guiding wall to act as a gas barrier, the shape and size of the gap between the valve body (7) and the guiding wall (10) and of the cross-sections of the apertures (10) are designed to prevent the passage of gas bubbles. <IMAGE>

IPC 1-7

**B67C 3/26**

IPC 8 full level

**B67C 3/26** (2006.01)

CPC (source: EP)

**B67C 3/2614** (2013.01); **B67C 2003/2645** (2013.01)

Cited by

US9862586B2; WO2012139731A1; WO2011154074A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

**EP 0562254 A1 19930929; EP 0562254 B1 19951129**; DE 4209480 A1 19930930; DE 4209480 C2 19940414; DE 59301030 D1 19960111

DOCDB simple family (application)

**EP 93102023 A 19930210**; DE 4209480 A 19920324; DE 59301030 T 19930210