

Title (en)

Filling head with a gas barrier in the form of a horizontally grooved bell

Title (de)

Getränkefüllorgan mit waagrecht geschlitzter Gassperrglocke

Title (fr)

Tête de remplissage avec une barrière à gaz dans la forme d'une cloche avec des rainures horizontales

Publication

EP 0546347 B1 19960814 (DE)

Application

EP 92119522 A 19921114

Priority

DE 4140526 A 19911209

Abstract (en)

[origin: EP0546347A1] A filling element (2) for drinks filling devices having a liquid valve which closes once the reflux of gas from the container has been interrupted and having a gas barrier which is shaped like a bell (14), is arranged in the region of the gate (7) of the said valve and is provided with openings which are designed in such a way that they only admit liquid, and not gas, is characterised in that openings taking the form of horizontal slots (15) are formed in the cylindrical part of the bell. <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

JP2009538786A; CN102333720A; US7650916B2; EP1577259A1; US9567199B2; WO2011007372A1; WO2007137727A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0546347 A1 19930616; EP 0546347 B1 19960814; DE 4140526 A1 19930617; DE 4140526 C2 19940526; DE 59206916 D1 19960919

DOCDB simple family (application)

EP 92119522 A 19921114; DE 4140526 A 19911209; DE 59206916 T 19921114