

Title (en)

Insert for pressurized liquids container, especially drinks container

Title (de)

Einsatz für unter Druck stehende Flüssigkeitsbehälter, insbesondere Getränkebehälter

Title (fr)

Insert pour récipient à liquide sous pression, notamment récipient de boisson

Publication

EP 1251079 B1 20041117 (DE)

Application

EP 02008468 A 20020415

Priority

DE 20106836 U 20010419

Abstract (en)

[origin: CA2380030A1] An insert for insertion into a pressurized container for liquids has a component chamber for receiving an active substance and a pressure chamber for introducing the active substance into the liquid when opening the container for liquids. The pressure chamber has at least one small outer bore. The insert is freely movable in the container for liquids but has such a stable floating position on a surface of the liquid within the container for the liquids that the outer bore always points upwardly and optimizes a pressure compensation with the environment. After opening the container for liquids, the resulting relative overpressure in the pressure chamber in relation to the released pressure, in the container for liquids effects an opening of the component chamber.

IPC 1-7

B65D 79/00; **B65D 81/32**

IPC 8 full level

B65D 79/00 (2006.01); **B65D 81/20** (2006.01); **B65D 81/32** (2006.01); **B65D 83/14** (2006.01); **B65D 85/73** (2006.01)

CPC (source: EP US)

B65D 81/2053 (2013.01 - EP US); **B65D 81/3216** (2013.01 - EP US); **B65D 81/3222** (2013.01 - EP US); **B65D 83/663** (2013.01 - EP US); **B65D 85/73** (2013.01 - EP US)

Cited by

US8007880B2; US8469221B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

DE 20106836 U1 20010927; AT E282566 T1 20041215; CA 2380030 A1 20021019; CA 2380030 C 20100928; DE 50201543 D1 20041223; DK 1251079 T3 20050221; EP 1251079 A1 20021023; EP 1251079 B1 20041117; ES 2231605 T3 20050516; US 2002155199 A1 20021024; US 2007009633 A1 20070111; US 7678398 B2 20100316

DOCDB simple family (application)

DE 20106836 U 20010419; AT 02008468 T 20020415; CA 2380030 A 20020402; DE 50201543 T 20020415; DK 02008468 T 20020415; EP 02008468 A 20020415; ES 02008468 T 20020415; US 10456902 A 20020321; US 52212806 A 20060915