

Title (en)

Pressure cap for drinks containers and method for operating same

Title (de)

Druckaufsatz für getränkehaltige Gefäße und Verfahren zum Betreiben desselben

Title (fr)

Application de pression pour récipients contenant des boissons et procédé de fonctionnement correspondant

Publication

**EP 2014607 A3 20090408 (DE)**

Application

**EP 08012183 A 20080705**

Priority

DE 102007032414 A 20070712

Abstract (en)

[origin: EP2014607A2] The pressure cap for pressurizing vessels containing drink has a carbon dioxide cartridge (3) or oxygen cartridge which by a lever arrangement is movable against a pin (5). The pin is arranged on a slide which lies in a recess and is movable against a plunger (8). A sealing element is arranged on an end of the plunger which faces the pin. The plunger is movably mounted in a bearing shell (10) and is in functional communication with a first end of a rocking lever (11). A bridge piece (13) with a first passage (14) provides a fluid connection between a piston (16) and a hole (12) in the slide. An independent claim is included for a method for pressurizing vessels which contain drink by using a pressure cap.

IPC 8 full level

**B67D 1/04** (2006.01); **F16K 31/163** (2006.01); **G05D 1/10** (2006.01)

CPC (source: EP US)

**B67D 1/0418** (2013.01 - EP US)

Citation (search report)

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- [DA] DE 1944673 A1 19710527 - BALTZER WALTER
- [DA] EP 0857688 A1 19980812 - SUNTORY LTD [JP]
- [DA] DE 2323345 A1 19731206 - WHITBREAD & CO LTD
- [DA] WO 0007927 A1 20000217 - GRITTMANN GUENTER [DE]
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DE102009015427A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 08012183 A 20080705**; CN 200810135743 A 20080711; DE 102007032414 A 20070712; ES 08012183 T 20080705; RU 2008126519 A 20080702; US 16910008 A 20080708