

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/007560 A3

(51) International Patent Classification⁷: **B67D 1/04**,
1/12, 1/08

NL-2628 BA Delft (NL). INNIKEL, Quintijn [NL/NL];
Beresteinseweg 76, NL-1217 TK Hilversum (NL).

(21) International Application Number:
PCT/NL2004/000513

(74) Agent: **VAN WESTENBRUGGE, Andries**; Nederland-
sch Octrooibureau, Scheveningsweg 82, P.O. Box 29720,
NL-2502 LS The Hague (NL).

(22) International Filing Date: 15 July 2004 (15.07.2004)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:
1023968 21 July 2003 (21.07.2003) NL

(71) Applicant (for all designated States except US):
HEINEKEN TECHNICAL SERVICES B.V. [NL/NL];
Burgemeester Smeetsweg 1, NL-2382 PH Zoeterwoude
(NL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

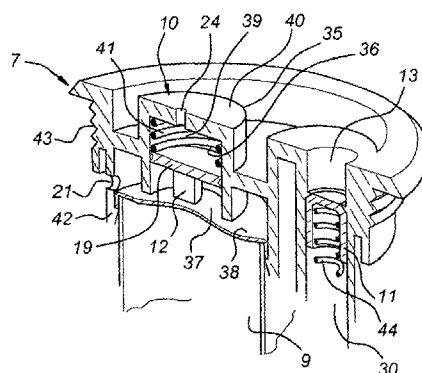
(72) Inventors; and

(75) Inventors/Applicants (for US only): **PAKKERT, En-
gbert, Hermannes** [NL/NL]; Michiel de Ruiterweg 39,

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: PRESSURE REGULATOR FOR A CONTAINER FOR A CARBONATED DRINK



(57) Abstract: The invention relates to a container (1) for carbonated drink provided with a chamber (2) containing the drink, a drink dispensing opening (13) for drink from the chamber, a pressure medium chamber which pressure medium chamber (9) has an outlet (21) that is closed by a valve for delivering pressure medium and a pressure regulating element (10) connected to the valve for operating the valve, wherein the pressure regulating element has a housing (35) with an end wall (40), a peripheral wall (36) and a piston (19) that can be moved in the housing along the peripheral wall in a sealed manner, wherein an upper housing part (39) is formed between a side of the piston that faces the end wall and a lower housing part (37) that at least partially surround the valve, is formed at the side of the piston facing away from the end wall, wherein the piston engages on the delivery valve and wherein the upper housing part of the housing is in fluid communication with a reference pressure source.



WO 2005/007560 A3



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:

2 June 2005

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.