

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number
WO 2004/037337 A2

(51) International Patent Classification⁷: **A61M 39/00**,
39/22, F16L 29/00

(21) International Application Number:
PCT/US2003/032398

(22) International Filing Date: 14 October 2003 (14.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/277,432 22 October 2002 (22.10.2002) US

(71) Applicants: **BAXTER INTERNATIONAL INC.**
[US/US]; One Baxter Parkway, DF3-3E, Deerfield, IL
60015 (US). **BAXTER HEALTHCARE S.A.** [CH/CH];
Hertistrasse 2, Wallisellen, CH-8304 Zurich (CH).

(72) Inventors: **PELUSO, Francesco**; Middelweg 98, B-3001
Everlee (BE). **BALTEAU, Patrick**; Rue de la Resimont,
128, B-5350 Evelette (BE). **HENAUT, Eric**; Rue de

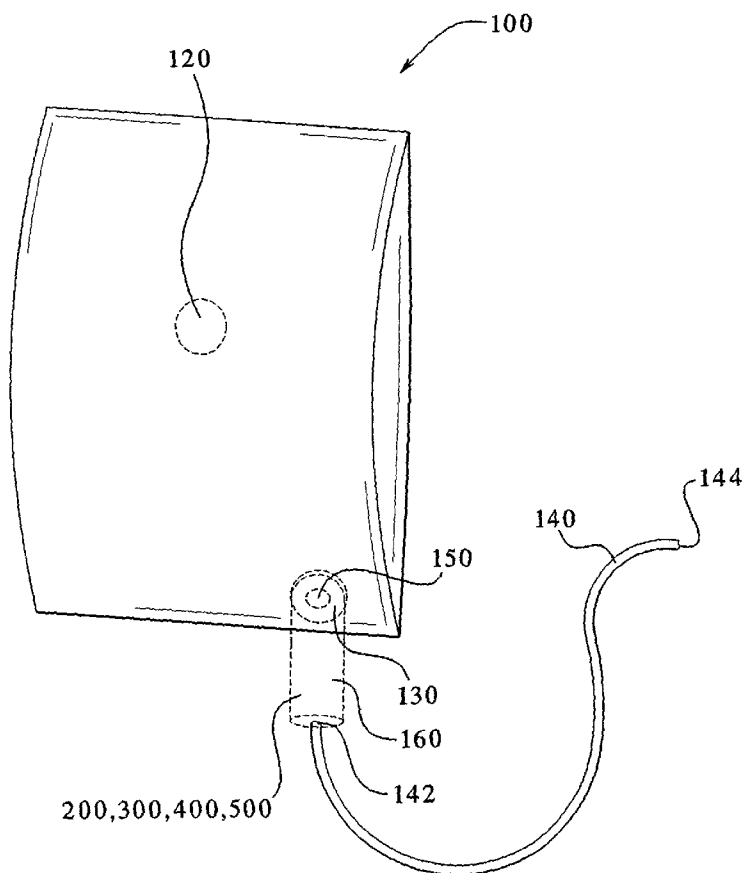
la Samme, 11, B-7181 Arquennes (BE). **MANDARD, Barbara**; Rue de la Celidee, 30 bte 10, B-1080 Molenbeek (BE). **HARTMAN, Jean-Pierre**; Rue de la Ferme 21, B-1640 Rhode Saint Genese (BE). **HOUWAERT, Vincent**; Rue du Reposoir, 9, B-7542 Mont Saint-Aubert (BE). **CANTONI, Giorgio**; Via Dosso della Benedizione 21/B, I-23030 Valdisotto (SO) (IT). **SFORACCHI, Silvano**; Via Statale 5, I-23034 Grossotto (SO) (IT).

(74) Agent: **REAGEN, Joseph, P.**; Baxter Healthcare Corporation, One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, 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, 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, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: FORMED, FILLED, SEALED SOLUTION CONTAINER, PORT AND METHOD FOR ESTABLISHING FLOW BETWEEN THE CONTAINER AND AN ADMINISTRATION SET



(57) Abstract: A formed, filled, and sealed container, access port and method for establishing fluid flow from the container to an administrative set is provided. The container is collapsible and has an inlet and an outlet. A hollow port is sealed to the container and a perforator inside the port pierces and becomes embedded in the container. Solution in the container is withdrawn into the port. A line attached to the port and an administrative set further establishes flow between the container and the administration set. The port may be operated with a single-hand to establish fluid flow from the container to the administrative set. After the perforator is embedded in the container, a lock on the port prevents the perforator from removal from the container. Activation of the lock produces an audible and/or visible notification.



(84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that 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.