(2004060182)
09/09/04

162162

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
9 October 2003 (09.10.2003)

PCT

(10) International Publication Number
WO 03/082398 A2

(51) International Patent Classification[7]: A61M 39/00

(21) International Application Number: PCT/US03/09190

(22) International Filing Date: 26 March 2003 (26.03.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/106,716 26 March 2002 (26.03.2002) US

(71) Applicant: BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) Inventors: FOWLES,, Thomas, A.; 3420 Chellington Drive, McHenry, IL 60050 (US). WEINBERG,, Robert, J.; 5403 Valley Drive, Richmond, IL 60071 (US). PROGAR,, Thomas, J.; 10919 East Riviera Drive, Spring Grove, IL 60083 (US).

(74) Agents: KOWALIK, Francis, C et al.; One Baxter Parkway, 2-2E, Deerfield, IL 60015 (US).

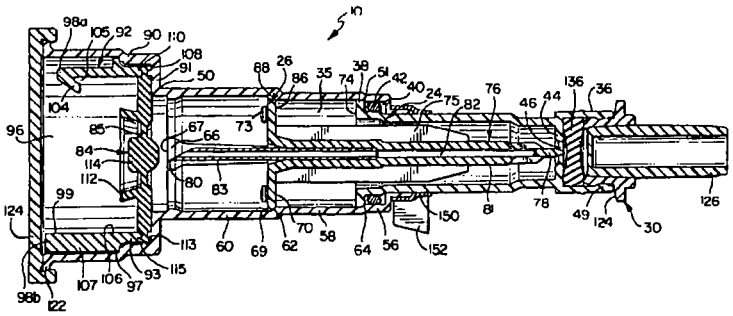
(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL,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

(84) Designated States *(regional)*: European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR).

Published:
— *with declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority*

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.

(54) Title: SLIDING RECONSTITUTION DEVICE FOR A DILUENT CONTAINER



(57) Abstract: The present invention provides a reconstitution device (10) for placing a first container (12), such a liquid container (e.g. flexible container or syringe), in fluid communication with a second container (14), such as a drug vial. To this end, there is provided a connector device (10) for establishing fluid communication between the diluent container (12) and the drug vial (14). The connector device (10) has a first sleeve member (32) having a first end (36) and a second end (38). The first sleeve member (32) has at the first end (36), a first attaching member (30) adapted to attach to the liquid container (12). The connector device (10) also has a second sleeve member (34) having a first end (48) and a second end (50). The second sleeve member (34) is movable axially with respect to the first sleeve member (32) from an inactivated position to an activated position. The second sleeve member (34) has a protuberance (66) on an inner surface of the second sleeve member (34). A second attaching member (28) is attached on the second end (50) of the second sleeve member (34) and is adapted to attach to the second container (14). The second attaching member (28) has a sealing member (84). A piercing member (76) is positioned in the chamber and projects within the sleeve members (32, 34) for providing a fluid flow path from the first container (12) to the second container (14). The piercing member (76) is moveable from a first position in the inactivated position to a second position in the activated position wherein the piercing member (76) moves past the protuberance (66), the protuberance (66) preventing movement of the piercing member (76) back to the first position. The device (10) is movable from the inactivated position to the activated position by a force gnerally applied to the device outside the liquid container (12).

WO 03/082398 A2

ACTION