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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
4 November 2010 (04.11.2010)

PCT

(10) International Publication Number
WO 2010/125479 A3

(51) International Patent Classification:
A61M 5/40 (2006.01)

(21) International Application Number:
PCT/IB2010/050698

(22) International Filing Date:
16 February 2010 (16.02.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
887/DEL/2009 29 April 2009 (29.04.2009) IN

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

(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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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— *as to the identity of the inventor (Rule 4.17(i))*

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

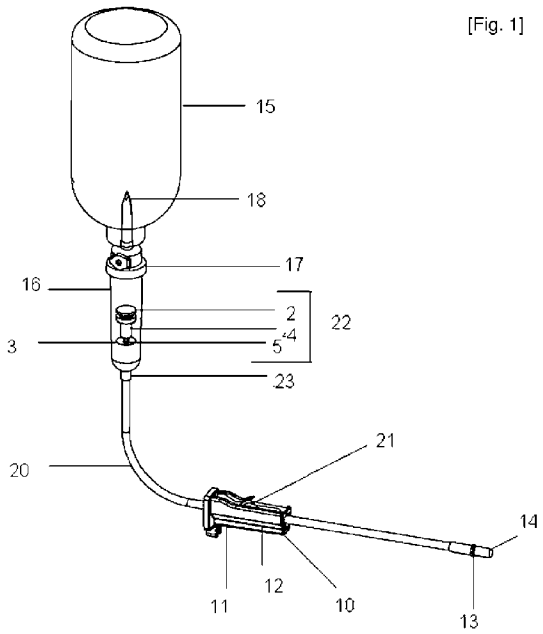
— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

— *of inventorship (Rule 4.17(iv))*

[Continued on next page]

(54) Title: INTRAVENOUS SET WITH AN AUTOMATIC STOPPING MECHANISM IN THE DRIP CHAMBER

[Fig. 1]



(57) Abstract: An intravenous set with an automatic stopping mechanism in the drip chamber comprising a drip chamber (16) wherein the top portion of the drip chamber (16) has a cap (17) with a sharp tooth (18) extending radially outwards for puncturing a container or bottle (15); wherein a lower portion of the drip chamber (16) is connected to a joint or stem (23); wherein the joint or stem 23 is connected to a flexible tube (19) ending in a valve (13) to be connected to a catheter; wherein the flexible tube (19) has a manual flow control device (11); wherein inside the drip chamber (16) contains a stopper (22) for automatic control of flow of fluid from the drip chamber (16); wherein the stopper (22) comprises of a lower part or diaphragm (3), a middle part or stem (4) and a upper part (2); and wherein the stem (4) and the diaphragm (3) are connected by a stud (3), which stud is flexible and a part of the diaphragm (3); and wherein the stopper (22) is submerged as fluid filled in the drip chamber (16), fluid flows through the exit (19) of the drip chamber (16) to cause the stopper (22) to fall, thereby stopping fluid exiting when the diaphragm (3) of the stopper (22) blocks the exit of the drip chamber (16) and fluid in the drip chamber (16) is used up.

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Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
20 January 2011