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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
8 April 2004 (08.04.2004)

PCT

(10) International Publication Number
WO 2004/028595 A1

(51) International Patent Classification[7]: A61M 5/00

(21) International Application Number: PCT/US2003/010713

(22) International Filing Date: 7 April 2003 (07.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/413,710 26 September 2002 (26.09.2002) US

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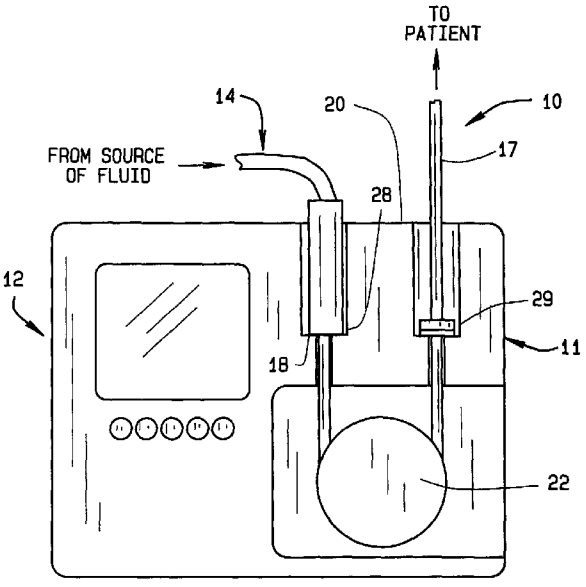
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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, 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, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(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,

[Continued on next page]

(54) Title: A SAFETY INTERLOCK SYSTEM FOR AN ENTERAL FEEDING PUMP



(57) Abstract: A safety interlock system (11) for a flow control apparatus (12) is disclosed that permits operation when a magnet-less administration feeding set (14) is properly mounted to recess (29) formed along the housing (20) of the flow control apparatus (12). The administration feeding set (14) comprises flexible patient tubing having a support member (18) at one end and a mounting member (30) including a magnetically-susceptible metallic component (21) at the other end thereof. A sensing arrangement (33)is provided by the flow control apparatus (12) for sensing the proper engagement of the metallic component (21) to the recess (29) of the flow control apparatus (12). A control means (40) permits operation of the flow control apparatus (12) when the metallic member (21) is properly engaged to recess (29), while terminating operation when the metallic member (21) is improperly engaged to recess (29).

WO 2004/028595 A1

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

Published:

— *with international search report*

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