

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
15 October 2020 (15.10.2020)



(10) International Publication Number
WO 2020/210223 A1

(51) International Patent Classification:

A61M 39/28 (2006.01) A61M 5/142 (2006.01)
A61M 25/00 (2006.01) A61M 5/168 (2006.01)
A61M 5/14 (2006.01) A61M 39/06 (2006.01)

(21) International Application Number:

PCT/US2020/027057

(22) International Filing Date:

07 April 2020 (07.04.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/830,847 08 April 2019 (08.04.2019) US
16/841,341 06 April 2020 (06.04.2020) US

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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, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,
SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every

kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, 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, RS, SE, SI, SK, SM,

(54) Title: CATHETER ASSEMBLY CLAMP HAVING AN ACOUSTIC SENSOR

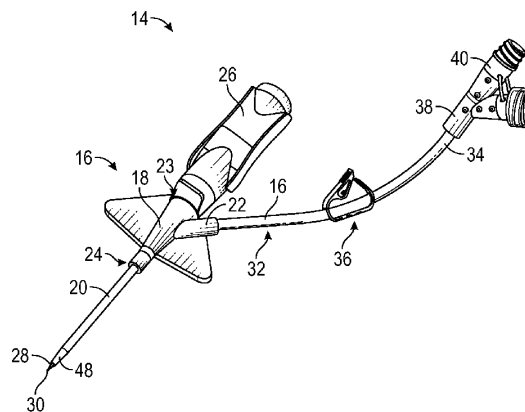


FIG. 1A

(57) Abstract: A method to manage flushing of a catheter assembly with a clamp configured to clamp an extension tube of a catheter assembly. The clamp may include an acoustic sensor configured to detect fluid flowing through the extension tube. The clamp and the acoustic sensor may be disposed outside of the extension tube. The clamp may include a pinch clamp or a non-pinch clamp. The acoustic sensor may be embedded in the clamp. The method may include detecting, via the acoustic sensor, fluid flowing through the extension tube.

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

Published:

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