

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
17 August 2023 (17.08.2023)



(10) International Publication Number
WO 2023/154235 A1

(51) International Patent Classification:

A61B 17/00 (2006.01) A61M 25/06 (2006.01)
A61B 17/34 (2006.01) A61M 25/09 (2006.01)
A61B 17/22 (2006.01) A61M 25/00 (2006.01)

(21) International Application Number:

PCT/US2023/012365

(22) International Filing Date:

05 February 2023 (05.02.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/308,454 09 February 2022 (09.02.2022) 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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, 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, CV, 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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(54) Title: HOLLOW NEEDLE FOR DELIVERING A GUIDEWIRE

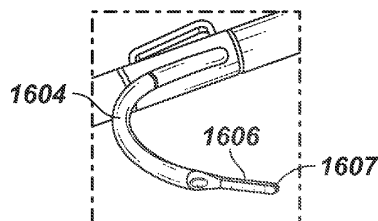


FIG. 16C

(57) Abstract: A device (1600) for delivering a guidewire to a target location in a patient's body includes a hollow needle (1604) having: a lumen configured to receive the guidewire; a body section; and a biased section, the biased section configured to bend relative to the body section, the biased section located on a distal end of the hollow needle. The device includes a catheter (1602) having a catheter lumen, the catheter lumen configured to: receive the hollow needle (1604), and maintain the biased section and the body section in relative alignment in a first configuration. The hollow needle (1604), in response to the biased section extending out from the catheter (1602), is configured to bend the biased section relative to the body section in a second configuration.

[Continued on next page]



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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))*