

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
16 June 2022 (16.06.2022)



(10) International Publication Number
WO 2022/124995 A1

(51) International Patent Classification:
A61B 10/02 (2006.01)

(21) International Application Number:
PCT/SG2021/050781

(22) International Filing Date:
10 December 2021 (10.12.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10202012400T 10 December 2020 (10.12.2020) SG

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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, IT, 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,

(54) Title: CORE NEEDLE BIOPSY DEVICE

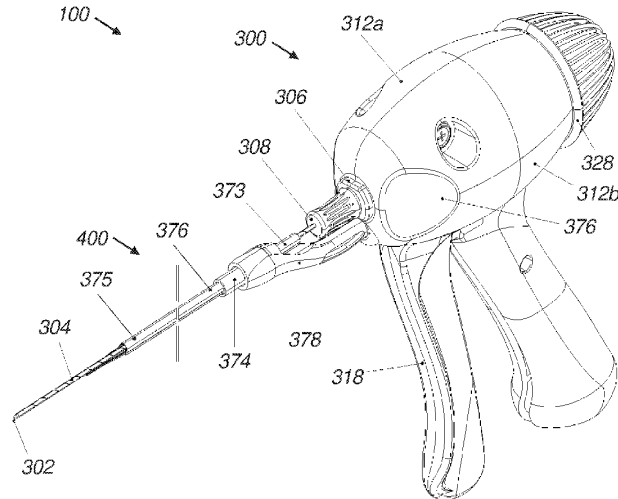


FIG. 1A

(57) Abstract: The present disclosure provides a biopsy device for performing soft tissue biopsy on any major organ through the venous system, and a method for using the biopsy device. The biopsy device comprises a housing; an elongated tube with a first proximal end and a first distal end, wherein the first distal end is positioned at a biopsy site of the target organ, wherein the first proximal end comprises a first locking mechanism coupled to the housing; and a biopsy needle with a second proximal end and a second distal end, wherein the biopsy needle is positioned within the elongated tube to acquire a biopsy sample of the target organ at the biopsy site, and the second proximal end of the biopsy needle comprises a second locking mechanism coupled to the housing.

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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, 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))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*