



(51) International Patent Classification:

A61B 17/221 (2006.01)

(21) International Application Number:

PCT/EP2017/072030

(22) International Filing Date:

01 September 2017 (01.09.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/383,905 06 September 2016 (06.09.2016) 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, 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, 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:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: A CLOT RETRIEVAL DEVICE FOR REMOVING OCCLUSIVE CLOT FROM A BLOOD VESSEL

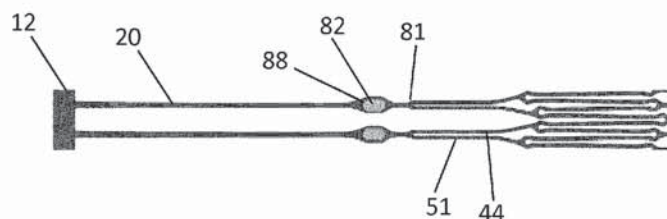


Fig 2d

(57) Abstract: A clot retrieval device (1) has a clot engaging portion configured at the distal end of an elongate shaft (6) having an outer expandable member (2) comprising multiple expandable segments (26), and an inner expandable member (3) to facilitate restoration of blood flow through clot immediately after the clot retrieval device (1) is deployed at an obstructive site. The outer member (2) and inner expandable member (3) comprises a collapsed configuration for delivery and an expanded configuration for clot retrieval, flow restoration and fragmentation protection. Proximal radiopaque markers (82) are positioned at the distal end of struts (20) of the outer member (2) just proximal to two proximal crowns (81). This position is advantageous because it denotes the start of the fully expanded diameter of the device, which is the portion of the device that is most desirable to deploy under the clot for optimal grip of the clot.