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- (71) **Applicant:** MEDTRONIC, INC. [US/US]; 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432 (US).
- (72) **Inventors:** WOOD, Rónán; 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432 (US). WARD, Sean; 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432 (US). MCDONNELL, Paula; 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432 (US). MCHUGH, Pat; 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432 (US). MCEVOY, Richard; 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432 (US).
- (74) **Agents:** MBURU, Evans M. et al.; 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432 (US).
- (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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,

HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, 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.

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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

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(54) **Title:** INTERVENTIONAL MEDICAL SYSTEM WITH A DELIVERY CATHETER FOR DEPLOYING AN IMPLANTABLE MEDICAL DEVICE ATTACHABLE TO THE CATHETER BY A TETHER

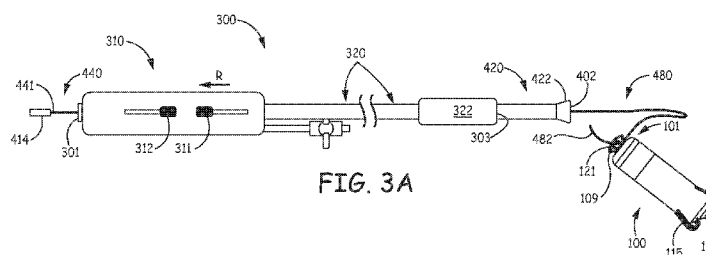


FIG. 3A

(57) **Abstract:** An implantable medical device (100) is tethered to a delivery catheter (300) by a length of a tether (480), which extends through an attachment feature (109, 121) of the device and between a free end (482) and a secured end, wherein the secured end is fixedly coupled to a tubular member (420) of the catheter in proximity to a distal end (422) thereof and the free end can be engaged against an inner surface of a sidewall that extends within the tubular member. The free end of the tether may be engaged against the inner surface by an enlarged distal tip of an elongate wire that extends within a lumen defined by the inner surface of the sidewall. An operator may move the distal tip of the wire out through a distal opening of the lumen, thereby pushing the free end of the tether out from engagement with the surface to untether the device from the catheter.



INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A61B A61N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2013/103047 A1 (STEINGISSER H ALLAN [US] ET AL) 25 April 2013 (2013-04-25) paragraph [0003] paragraph [0017] - paragraph [0026]; figures 2A, 3A, 4C, 6	1-3,5-11
Y	US 2013/281988 A1 (MAGNIN CHRISTOPHER J [US] ET AL) 24 October 2013 (2013-10-24) paragraph [0073] - paragraph [0082] paragraph [0110] - paragraph [0119]; figures 3, 6, 14A-14D	1-3,5-11
A	US 2010/268204 A1 (TIEU TAI D [US] ET AL) 21 October 2010 (2010-10-21) paragraph [0044] - paragraph [0045] paragraph [0078] - paragraph [0083]; figures 1, 7 ----- -/-	8,9



Further documents are listed in the continuation of Box C.



See patent family annex.

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European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Sigurd, Karin

INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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