



(51) International Patent Classification:

A61B 17/34 (2006.01) A61B 17/56 (2006.01)
A61M 25/09 (2006.01)

(21) International Application Number:

PCT/US2012/048369

(22) International Filing Date:

26 July 2012 (26.07.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/511,632 26 July 2011 (26.07.2011) US
13/557,482 25 July 2012 (25.07.2012) 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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,

HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, 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, ML, MR, NE, SN, TD, TG).

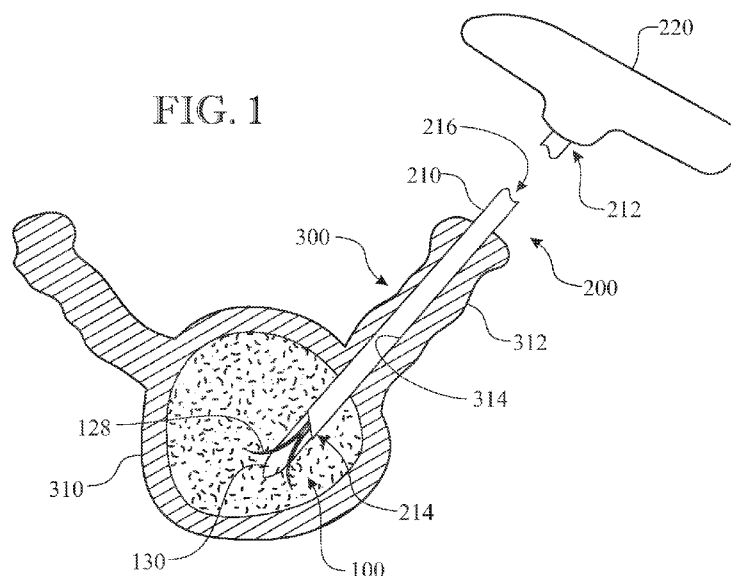
Published:

- 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))

(88) Date of publication of the international search report:

4 April 2013

(54) Title: ANCHOR WIRE SYSTEM AND METHOD



(57) Abstract: A medical guide wire comprising a guide wire hollowed sleeve member and a retention member provided through a hollowed central portion of the sleeve member. The sleeve member includes at least one retention member operational port allowing the retention arm to laterally extend therethrough and retract therein as desired. The functional end of the locking member can be of any reasonable shape and may include one or multiple extending retention arms. A solid penetrating head is integrated into the hollowed sleeve member or the retention member allowing for direct insertion during use. The operational port may be located through either a sidewall or the distal end of the sleeve member. The medical guide wire can be functionally reversed using a feature of a central actuating member to retain the retention arms of a respective hollowed sleeve member in a retracted, insertion configuration and release the retention arms for deployment.



A. CLASSIFICATION OF SUBJECT MATTER*A61B 17/34(2006.01)i, A61M 25/09(2006.01)i, A61B 17/56(2006.01)i*

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 17/34; A61F 2/28; A61F 11/00; A61M 25/10; A61M 5/00; A61M 25/00; A61M 5/178; A61B 18/18; A61B 17/56

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: anchor, guide wire, retention, penetrating

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 05419777A A (HOFLING; BERTHOLD) 30 May 1995 See abstract; figs. 1, 2; column 4, lines 56-68; claims 1, 2.	1,7 2-6,8-19
X A	US 2010-0004651 A1 (BIYANI ASHOK) 07 January 2010 See abstract; figs. 1-3; paragraphs 67-77; claims 1, 7.	1,7 2-6,8-19
A	US 2010-0324471 A1 (FLAHERTY J. CHRISTOPHER et al.) 23 December 2010 See abstract; figs. 1E, 5A-5D; paragraphs 70-78; claims 1, 7.	1-19
A	US 05354279A A (HOFLING; BERTHOLD) 11 October 1994 See abstract; figs. 1, 2; claim 1.	1-19
A	US 2011-0054612 A1 (DEHNAD HOUDIN et al.) 03 March 2011 See abstract; figs. 21A, 21B; paragraphs 154, 155; claims 1, 2.	1-19



Further documents are listed in the continuation of Box C.



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Date of the actual completion of the international search

05 FEBRUARY 2013 (05.02.2013)

Date of mailing of the international search report

06 FEBRUARY 2013 (06.02.2013)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
189 Cheongsa-ro, Seo-gu, Daejeon Metropolitan
City, 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

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Telephone No. 82-42-481-5617



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