



(51) International Patent Classification:

A61F 13/02 (2006.01) A61M 1/00 (2006.01)
A61F 13/00 (2006.01)

(21) International Application Number:

PCT/US2012/044007

(22) International Filing Date:

25 June 2012 (25.06.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/500,915 24 June 2011 (24.06.2011) US

(71) Applicant (for all designated States except US):

KCI LICENSING, INC. [US/US]; Legal Department - Intellectual Property, P.O. Box 659508, San Antonio, TX 78265-9508 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only):

ROBINSON, Timothy, Mark [GB/GB]; 27 Wellington Terrace, Basingstoke, Hampshire RG23 8HH (GB). **SIMMONS, Tyler** [US/US]; 25812 Stone Canyon, San Antonio, TX 78260 (US). **HALL, Colin, John** [GB/GB]; 33 Oakdale Road, Poole, Dorset BH15 3LD (GB). **LOSOLE, Jeanette** [US/US]; 2223 Oak Bend, San Antonio, TX 78259 (US).

(74) Agents: **WELCH, Gerald** et al.; SNR Denton US LLP,

P.O. Box 061080, Wacker Drive Station, Willis Tower, Chicago, IL 60606 (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, 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))

[Continued on next page]

(54) Title: REDUCED-PRESSURE DRESSINGS EMPLOYING TISSUE-FIXATION ELEMENTS

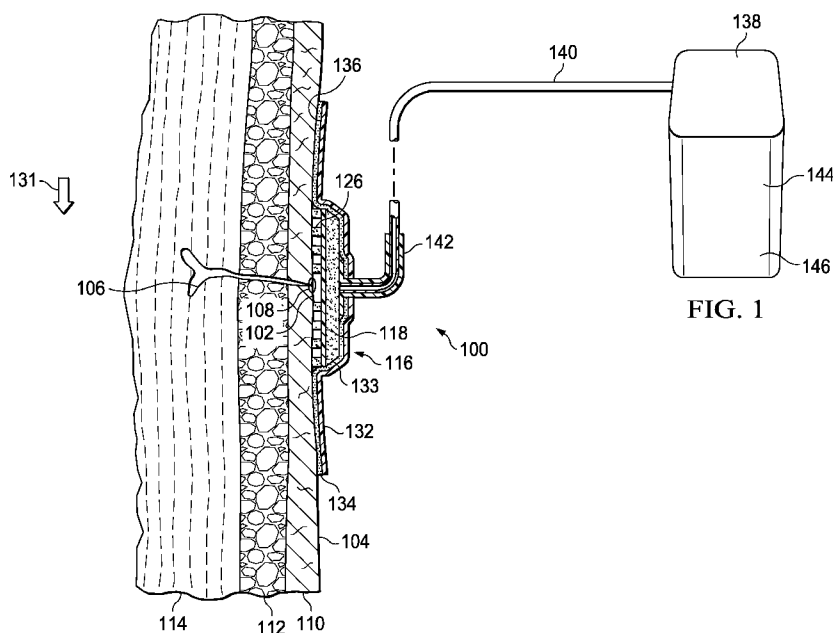


FIG. 1

(57) Abstract: A reduced-pressure system for treating a tissue site on a patient includes a distribution manifold that adheres to a tissue site to allow retention without external support. The distribution manifold includes a porous member and a tissue-fixation element. The tissue-fixation element maintains the porous member substantially adjacent to the tissue site while a sealing member is applied. In one instance, the tissue-fixation element is a soluble adhesive that partially covers either the tissue-facing side of the porous member or a tissue-facing side of a fluid-permeable substrate layer that is on the tissue-facing side of the porous member. Other systems, distributions manifolds, and methods are presented.



WO 2013/066426 A3



— *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:
6 September 2013

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2012/044007

A. CLASSIFICATION OF SUBJECT MATTER
 INV. A61F13/02 A61F13/00 A61M1/00
 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)
 A61F A61L A61M
 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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X | WO 2011/028407 A1 (KCI LICENSING INC [US]; LOCKE CHRISTOPHER BRIAN [GB]; ROBINSON TIMOTHY) 10 March 2011 (2011-03-10) paragraphs [0028] - [0034]; figures 1-4 ----- | 1-58 |
| X | US 2009/254053 A1 (SVENSBY ANNA [SE] ET AL) 8 October 2009 (2009-10-08) paragraphs [0019], [0021], [0035], [0036], [0037], [0053]; figures 1,2,5 ----- | 1-58 |

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

| | |
|--|--|
| Date of the actual completion of the international search 12 July 2013 | Date of mailing of the international search report 23/07/2013 |
| Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016 | Authorized officer Van Beurden-Hopkins |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2012/044007

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date | |
|--|------------------|-------------------------|------------------|------------|
| WO 2011028407 | A1 | 10-03-2011 | AU 2010289910 A1 | 08-03-2012 |
| | | | CA 2771522 A1 | 10-03-2011 |
| | | | CN 102481209 A | 30-05-2012 |
| | | | EP 2470135 A1 | 04-07-2012 |
| | | | JP 2013502983 A | 31-01-2013 |
| | | | TW 201113053 A | 16-04-2011 |
| | | | US 2011054422 A1 | 03-03-2011 |
| | | | WO 2011028407 A1 | 10-03-2011 |
| ----- | | | | |
| US 2009254053 | A1 | 08-10-2009 | AU 2007273285 A1 | 17-01-2008 |
| | | | BR PI0712891 A2 | 09-10-2012 |
| | | | CA 2656828 A1 | 17-01-2008 |
| | | | CN 101500519 A | 05-08-2009 |
| | | | EP 2037852 A1 | 25-03-2009 |
| | | | JP 2009542408 A | 03-12-2009 |
| | | | KR 20090027727 A | 17-03-2009 |
| | | | RU 2009104470 A | 20-08-2010 |
| | | | SE 0601536 A | 12-01-2008 |
| | | | US 2009254053 A1 | 08-10-2009 |
| | | | WO 2008008032 A1 | 17-01-2008 |
| | | | ZA 200900201 A | 27-01-2010 |
| ----- | | | | |