

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
25 October 2007 (25.10.2007)

PCT

(10) International Publication Number  
**WO 2007/120342 A3**

(51) International Patent Classification:  
A61F 13/00 (2006.01) A61M 27/00 (2006.01)

(21) International Application Number:  
PCT/US2006/062214

(22) International Filing Date:  
18 December 2006 (18.12.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/755,044 30 December 2005 (30.12.2005) US  
11/609,952 13 December 2006 (13.12.2006) US  
11/610,443 13 December 2006 (13.12.2006) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, 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, LV, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:  
31 July 2008

(54) Title: ADSORBENT-CONTAINING HEMOSTATIC DEVICES

(57) Abstract: The present invention utilizes a combination of a porous carrier and an adsorbent such as a molecular sieve or an inorganic material selected from the group consisting of diatomaceous earth, glass powder or fibers, precipitated or fumed silica, kaolin and montmorillonite clays, and Ca exchanged permutites to make a more effective hemostatic device to treat wounds in mammalian animals. These hemostatic devices provide a lower heat rise to the skin as compared to direct application of zeolites to the skin.



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/62214

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC: **A61F 13/00(2006.01);A61M 27/00(2006.01)**

USPC: 604/304, 305,543  
 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)  
 U.S. : 604/304, 305,306,543; 424/442

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)  
 EAST

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,826,497 (MARCUS et al) 2 may 1989 (02.05.1989), col. 3, line 63 to col. 9, line 4	1-10
Y	US 5,856,245 (CALDWELL et al) 05 Jan. 1999, see entire reference	1-10
Y	US 5,875,164 (CALDWELL) 23 Feb. 1999, see entire reference	1-10

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	"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
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"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)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 28 March 2008 (28.03.2008)	Date of mailing of the international search report <b>30 MAY 2008</b>
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