#### (12)

# **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 18.06.2014 Bulletin 2014/25

(51) Int Cl.: A61H 23/04 (2006.01)

A61H 9/00 (2006.01)

(43) Date of publication A2: **27.04.2011 Bulletin 2011/17** 

(21) Application number: 10185260.6

(22) Date of filing: 23.02.2005

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

(30) Priority: 23.02.2004 US 784323 23.02.2004 US 784607 23.02.2004 US 784604 23.02.2004 US 784639

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC: 05713933.9 / 1 722 738

(71) Applicant: Covidien LP
Mansfield, MA 02048 (US)

(72) Inventors:

Perry, Matthew J.
 East Greenwich, RI 02818 (US)

Vess, Mark A.
 Hanson, MA 02341 (US)

 Wudyka, Scott Marlborough MA 01752 (US)

(74) Representative: Tomlinson, Edward James
Frohwitter
Patent- und Rechtsanwälte
Possartstrasse 20
81679 München (DE)

# (54) Compression treatment system

(57) A compression treatment system (10) is provided that includes a first bladder (46a, 46b, 46c, 48a, 48b, 48c) supported about a limb. A second bladder is supported about the limb. The bladders are in fluid communication with a fluid source (50) and the bladders are inflated such that the first bladder is inflated for a first time period and the second bladder is inflated for a second time period. The second time period is initiated within the first time period. A single pressure sensor communicates with the first bladder and the second bladder.

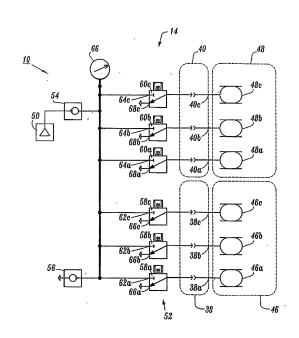


FIG. 5

EP 2 314 268 A3



#### **PARTIAL EUROPEAN SEARCH REPORT**

Application Number

under Rule 62a and/or 63 of the European Patent Convention. This report shall be considered, for the purposes of subsequent proceedings, as the European search report

EP 10 18 5260

	DOCUMENTS CONSIDI	ERED TO BE RELEVA	ANT			
Category	Citation of document with in of relevant passa	dication, where appropriate, iges	Relevar to claim			
X	US 5 575 762 A (PEE 19 November 1996 (1 * column 3, lines 3 * column 5, line 9 * column 9, line 43 * column 10, line 6 figures *	996-11-19) 3-37 * - column 9, line 7 - column 10, line	26 *	INV. A61H23/04 A61H9/00		
X	GB 2 295 235 A (HUN [GB]) 22 May 1996 ( * page 4, paragraph * page 9, paragraph * page 11, lines 10	1996-05-22) s 2,3 * 2 *	PLC 1			
X	EP 1 226 804 A2 (ME INSTR [IL]) 31 July * paragraph [0015];	2002 (2002-07-31)	ING 1			
				TECHNICAL FIELDS		
				SEARCHED (IPC) A61H		
INCO	MPLETE SEARCH					
The Searc	ch Division considers that the present of with the EPC so that only a partial se	application, or one or more of its clai earch (R.62a, 63) has been carried c	ms, does/do out.			
Claims se	arched completely :					
Claims sea	arched incompletely :					
Claims no	t searched :					
	or the limitation of the search: sheet C					
	Place of search	Date of completion of the	search	Examiner		
	Munich	7 May 2014		ischer, Elmar		
CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background		E : earlier p after the D : docume L : docume	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons			
	-written disclosure mediate document	& : membe docume	r of the same patent far nt	mily, corresponding		



### **INCOMPLETE SEARCH** SHEET C

**Application Number** 

EP 10 18 5260

Claim(s) completely searchable: Claim(s) searched incompletely: Claim(s) not searched: 2-9 Reason for the limitation of the search: The application comprises multiple independent claims in the same category not complying with Rule 43(2) EPC. In reply to the invitation pursuant to Rule 62a(1) EPC the applicant has indicated that the search is to be carried out on the basis of independent claim 1. Thus, the search report has been drawn up on the basis of independent claim 1, which has been incompletely searched. The application does not meet the requirements of Article 76(1) EPC. Taking into account the applicant's reply to the invitation pursuant to Rule 63(1) EPC, the search has been restricted (Rule 63(2) EPC) as follows: Claim 1: Incomplete search, wherein the term "processor" is replaced by the term "control processor" and steps (a) to (h) are replaced by the steps of the sleeve detection procedure as originally disclosed on page 15, lines 5-23 of the parent application in conjunction with original Fig. 5 of the parent application. Claims 2-9: No search.

# ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 10 18 5260

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

07-05-2014

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5575762	A	19-11-1996	US US US WO	5575762 A 5951502 A 6296617 B1 9526705 A1	19-11-1996 14-09-1999 02-10-2001 12-10-1995
GB 2295235	Α	22-05-1996	GB GB	2295235 A 2295458 A	22-05-1996 29-05-1996
EP 1226804	A2	31-07-2002	AT DE DE EP ES US	252880 T 60101080 D1 60101080 T2 1226804 A2 2208513 T3 6558338 B1	15-11-2003 04-12-2003 24-11-2005 31-07-2002 16-06-2004 06-05-2003

FORM P0459

© For more details about this annex : see Official Journal of the European Patent Office, No. 12/82