

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 16 78 9672

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	WO 03/017834 A1 (GLUCOSENS INC [US]; KISLOV ALEXANDR V [RU]; NOVIKOV IGOR A [RU]; PETRO) 6 March 2003 (2003-03-06) * page 6, line 28 - page 7, line 11; figures 4-6 *	1-11	INV. A61B5/053 A61B5/024 A61B5/00
A,D	US 2007/287923 A1 (ADKINS CHARLES [US] ET AL) 13 December 2007 (2007-12-13) * paragraph [0073] - paragraph [0074]; figures 2,3 *	1-11	
A,D	US 2004/065158 A1 (SCHREPFER THOMAS W [CH] ET AL) 8 April 2004 (2004-04-08) * paragraph [0034] - paragraph [0036]; figures 2,3 *	1-11	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61B H01L G01L
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search The Hague		Date of completion of the search 6 February 2018	Examiner Konstantinou, G
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 O : non-written disclosure P : intermediate document 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 & : member of the same patent family, corresponding document			

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

EP 16 78 9672

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.

06-02-2018

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03017834	A1	06-03-2003	EP	1427332 A1		16-06-2004
			JP	2005500116 A		06-01-2005
			US	2004181141 A1		16-09-2004
			WO	03017834 A1		06-03-2003

US 2007287923	A1	13-12-2007	US	2007287923 A1		13-12-2007
			WO	2008073140 A2		19-06-2008

US 2004065158	A1	08-04-2004	AT	345732 T		15-12-2006
			AT	547045 T		15-03-2012
			CA	2439822 A1		12-09-2002
			CZ	20032650 A3		14-04-2004
			DE	60124714 T2		02-08-2007
			EP	1299029 A1		09-04-2003
			EP	1818010 A2		15-08-2007
			IL	157755 A		18-11-2009
			JP	4855639 B2		18-01-2012
			JP	2004526492 A		02-09-2004
			MX	PA03008047 A		15-10-2004
			SK	12272003 A3		08-06-2004
			TW	524977 B		21-03-2003
			US	2004065158 A1		08-04-2004
			WO	02069791 A1		12-09-2002

专利名称(译)	传感器单元		
公开(公告)号	EP3292816A4	公开(公告)日	2018-03-14
申请号	EP2016789672	申请日	2016-05-04
申请(专利权)人(译)	HEALBE CORPORATION		
当前申请(专利权)人(译)	HEALBE CORPORATION		
[标]发明人	RUBIN MIKHAIL SEMENOVICH MISJUCHENKO IGOR LEONIDOVICH GERASIMOV OLEG MIKHAILOVICH STRELNIKOV ALEKSANDR SERGEEVICH		
发明人	RUBIN, MIKHAIL SEMENOVICH MISJUCHENKO, IGOR LEONIDOVICH GERASIMOV, OLEG MIKHAILOVICH STRELNIKOV, ALEKSANDR SERGEEVICH		
IPC分类号	A61B5/053 A61B5/024 A61B5/00		
CPC分类号	A61B5/02438 A61B5/0531 A61B5/6824 A61B5/02 A61B5/053 A61B5/0205 A61B5/02141 A61B2562/0247 A61B2562/164		
优先权	2015117066 2015-05-06 RU		
其他公开文献	EP3292816A1 EP3292816B1		
外部链接	Espacenet		

摘要(译)

旨在用于同时测量人体组织阻抗和压力的装置的传感器单元，其识别人体血液动力学参数。附接到皮肤表面区段的装置的传感器单元包括具有凹部的基部，压力传感器的压电元件安装在该凹部中。该单元还包括安装在基座上并与所述凹槽重叠的柔性膜。第一和第二电极连接到膜的外表面。第一电极与凹槽相对安装，并且能够与膜一起移动。第二静电极围绕第一电极。中心支撑件安装在第一电极和压电元件之间。连接到所述阻抗测量传感器的电输出，第一和第二电极对准，以允许与皮肤表面接触。这样的实施例使传感器单元的尺寸更小。同时，增加了传感器的操作稳定性和灵敏度。

EPO		SUPPLEMENTARY EUROPEAN SEARCH REPORT		Application Number EP 16 78 9672
DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
A	WO 03/017834 A1 (GLUCOSENS INC. [US]; KISLOV ALEXANDR V [RU]; NOVIKOV IGOR A [RU]; PETRO) 6 March 2003 (2003-03-06) figures 2, line 28 - page 2, line 11; figures 4-6	1-11	INV A61B5/053 A61B5/024 A61B5/00	
A,D	US 2007/287923 A1 (ADKINS CHARLES [US] ET AL) 13 December 2007 (2007-12-13) * paragraph [0073] - paragraph [0074]; figures 2, 3	1-11		
A,D	US 2004/065158 A1 (SCHREFFER THOMAS W [CH] ET AL) 8 April 2004 (2004-04-08) * paragraph [0034] - paragraph [0036]; figures 2, 3	1-11		
The supplementary search report forms support for the text and figures of the application.			TECHNICAL FIELD BACKGROUND SUMMARY	
Title of invention The Hague		Date of completion of the search 6 February 2018 Konstantinov, G		
CATEGORY OF CITED DOCUMENTS 1. Prior art document 2. Document cited in the application 3. Document cited for other reasons 4. Document of the same patent family, corresponding document		5. Document cited in the application 6. Document cited for other reasons 7. Document of the same patent family, corresponding document		