

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	WO 2013/061281 A1 (HEMODYNAMIX MEDICAL SYSTEMS INC [CA]) 2 May 2013 (2013-05-02) * page 9, line 24 - line 33 * * page 11, line 13 - page 12, line 19 * * page 19, line 10 - page 20, line 15 * * page 25, line 7 - page 26, line 10 * * page 27, line 17 - line 27 * * figures 5-7C *	1-20	INV. A61B5/00 A61B5/0205 A61B5/0215 A61B5/026 A61B5/042 A61F2/24
Y	WO 2013/028737 A1 (LAKE REGION MFG INC D B A [US]; LUPTON HENRY W [IE]) 28 February 2013 (2013-02-28) * paragraph [0001] * * paragraph [0003] - paragraph [0004] * * paragraph [0009] - paragraph [0016] * * paragraph [0019] - paragraph [0023] * * figures 1-3 *	1-20	
Y	WO 2009/054802 A1 (RADI MEDICAL SYSTEMS [SE]; VON MALMBORG PAER [SE]) 30 April 2009 (2009-04-30) * page 2, line 14 - line 32 * * page 5, line 7 - line 20 * * page 8, line 26 - line 28 * * figures 2-4 *	6	TECHNICAL FIELDS SEARCHED (IPC) A61B A61M
Y	GARETH HARRISON ED - GARETH HARRISON: "Guidewire Stiffness: what's in a name?", J ENDOVASC THER, 2011,, 1 January 2011 (2011-01-01), pages 797-801, XP002774731, * abstract * * page 798; table 1 *	8,9	
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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 <b>The Hague</b>		Date of completion of the search <b>4 January 2018</b>	Examiner <b>Van der Haegen, D</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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 ..... &amp; : member of the same patent family, corresponding document</p>			

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	WO 2013/177577 A2 (EBERLE MICHAEL J [US]; TASKER DIANA MARGARET [US]; ROURKE HOWARD NEIL) 28 November 2013 (2013-11-28) * page 40, line 3 - page 41, line 23 * * page 42, line 21 - page 43, line 26 * * page 52, line 14 - page 58, line 27 * * figures 13A-14C,16,21A-22 * -----	1-20	
			TECHNICAL FIELDS SEARCHED (IPC)
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
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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	

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EPO FORM 1503 03.82 (P04C04)

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

EP 15 82 1600

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  
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04-01-2018

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专利名称(译)	系统和装置包括用于介入心脏病学多传感器导丝		
公开(公告)号	<a href="#">EP3166478A4</a>	公开(公告)日	2018-02-14
申请号	EP2015821600	申请日	2015-07-10
申请(专利权)人(译)	三江心血管SYSTEMS INC.		
当前申请(专利权)人(译)	三江心血管SYSTEMS INC.		
[标]发明人	CARON ERIC BILODEAU LUC		
发明人	CARON, ERIC BILODEAU, LUC		
IPC分类号	A61B5/00 A61B5/0205 A61B5/0215 A61B5/026 A61B5/042 A61F2/24		
CPC分类号	A61B5/6851 A61B5/02154 A61B5/02158 A61B5/042 A61B2560/0462 A61B2560/066 A61B2562/228 A61F2/24 A61F2/2418 A61F2/2427		
优先权	62/023891 2014-07-13 US 62/039952 2014-08-21 US		
其他公开文献	EP3166478A1		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

包括用于介入心脏病学多传感器导丝 ( 100/200/300 ) 的系统 ( 1 ) 和装置, 例如经导管瓣膜疗法 ( TVT ), 包括用于直接测量心血管参数的多个光学传感器 ( 10/20 ) 。 , 例如跨瓣血压梯度和血流量。传统的外线圈线 ( 35 ) 包含成形芯线 ( 31 ) , 其具有限定通道表面 ( 132 ) 的横截面, 例如通道表面 ( 132 ) 。沿其长度延伸的凹槽 ( 32 ) 将光纤 ( 11 ) 和光学传感器 ( 10/20 ) 定位在通道 ( 33 ) 中。有利地, 芯线的直径为导丝提供足够的刚度, 以用作TVT的支撑导丝, 例如, 用于TVT的导线。经导管主动脉瓣植入术 ( TAVI ), 同时在外径≤0.89mm的导丝内容纳多个传感器和纤维。光学连接器 ( 112 ) 将导丝连接到控制系统 ( 150 ) 。可选地, 导丝包括接触力传感器 ( 60 ) , 预成型尖端 ( 400-1 / 400-2 ) 和可分离微连接器 ( 140 ) 。

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The supplementary search report also lists based on the last set of steps valid on the date of the search:			
Title of main		Date of submission of the main	
The Hague		4 January 2018	
Van der Haegen, D			
CATEGORY OF CITED DOCUMENTS			
1	1	1: Priority of documents underlying the invention, or	
2	2	2: Documents cited in the application	
3	3	3: Documents cited in the application	
4	4	4: Documents cited for other reasons	
5	5	5: Documents of the same patent family, corresponding documents	