

**SUPPLEMENTARY  
 EUROPEAN SEARCH REPORT**

Application Number  
 EP 15 82 6371

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	US 6 766 196 B1 (KROLL MARK [US] ET AL) 20 July 2004 (2004-07-20)	1,2	INV. A61N1/362 A61N1/365 A61B5/0402 A61B5/0464 A61B5/00
A	* abstract; figures 1-9 * * column 2, line 35 - column 11, line 5 * * column 17, line 52 - column 18, line 5 * -----	3-10	
Y	US 2007/191900 A1 (BELK PAUL A [US] ET AL) 16 August 2007 (2007-08-16)	1,2	
A	* abstract; figures 1-6 * * paragraphs [0016] - [0058] * -----	3-10	
A	US 2010/198290 A1 (JACKSON TROY E [US] ET AL) 5 August 2010 (2010-08-05) * the whole document *	1-10	
A	US 2010/191301 A1 (JACKSON TROY E [US] ET AL) 29 July 2010 (2010-07-29) * the whole document *	1-10	
A	US 6 654 639 B1 (LU RICHARD [US]) 25 November 2003 (2003-11-25) * the whole document * -----	1-10	TECHNICAL FIELDS SEARCHED (IPC) A61N
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		Date of completion of the search	Examiner
Munich		2 February 2018	Pereda Cubián, David
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 15 82 6371

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.

02-02-2018

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专利名称(译)	优化抗心动过速起搏 ( ATP ) 的系统和方法		
公开(公告)号	<a href="#">EP3174459A4</a>	公开(公告)日	2018-03-14
申请号	EP2015826371	申请日	2015-07-28
[标]申请(专利权)人(译)	CARDIOFLOW TECH		
申请(专利权)人(译)	CARDIOFLOW技术有限责任公司		
当前申请(专利权)人(译)	CARDIOFLOW技术有限责任公司		
[标]发明人	KAISER DANIEL WALTER		
发明人	KAISER, DANIEL WALTER		
IPC分类号	A61B5/0402 A61B5/00 A61N1/362 A61B5/0464 A61N1/365		
CPC分类号	A61B5/0464 A61B5/7282 A61N1/3622 A61N1/36514		
代理机构(译)	博尔特WADE TENNANT		
优先权	62/030520 2014-07-29 US		
其他公开文献	EP3174459A1 EP3174459B1		
外部链接	<a href="#">Espacenet</a>		

### 摘要(译)

提供了用于预防和/或治疗心律失常的装置，系统和方法，例如心律失常。优化抗心动过速起搏 ( ATP ) 算法。更具体地，提供了可植入装置，其测量和治疗心律失常。通过监测来自附加电极的ATP尝试，远场形态分析，和/或测量失败的ATP尝试的返回间隔;装置可以估计何时发生夹带，重入性心动过速内的延迟量，和/或心动过速终止/加速。这些变量和事件可用于优化第一次和/或后续的ATP尝试。此外，其他示例性实施例描述了将电恢复特性整合到ATP起搏算法的设计中以促进心动过速终止的方法。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant Document	CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages.		
Y	US 6 766 196 B1 (KROLL MARK [US] ET AL) 29 July 2004 (2004-07-29) = REFERENCE: figures 1-9 = column 2; line 35 - column 11; line 5 = = column 17; line 52 - column 18; line 5 =	1-2	INV. A61N1/362 A61B5/0464 A61B5/0402 A61B5/0464 A61B5/00
A	US 2007/191900 A1 (BILK PAUL A [US] ET AL) 16 August 2007 (2007-08-16) = abstract; figures 1-6 = paragraphs [0016] - [0058] =	3-10	
A	US 2010/198290 A1 (JACKSON TROY E [US] ET AL) 5 August 2010 (2010-08-05) = the whole document =	1-10	
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The supplementary search report has been drawn on the last set of claims valid and available at the start of the search.			
Date of search: <b>2 February 2018</b>			
SEARCHER: <b>Pereda Cubián, David</b>			
CATEGORY OF CITED DOCUMENTS Y: priority or foreign patent (being the invention or a substantially identical invention) which is the subject-matter of the application A: document cited in the application X: document cited for other reasons * : member of the same patent family, corresponding document			