



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 63 of the European Patent Convention EP 05 74 6276 shall be considered, for the purposes of subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 6 445 952 B1 (MANRODT CHRISTOPHER M [US] ET AL) 3 September 2002 (2002-09-03)	40-42, 44-53, 55-60	INV. A61N1/372
Y	* columns 1,4-7; figures 1,3 * -----	43,54	
D,Y	US 3 943 936 A (RASOR NED S ET AL) 16 March 1976 (1976-03-16) * columns 1-2; figure 3 * -----	43	
Y	WO 80/02231 A (DONACHY J [US]; TYERS G [US]; BROWNLEE R [US]; HUGHES H [US]) 30 October 1980 (1980-10-30) * pages 1,8,11; figure 1 * -----	54	
			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.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims:			
Claims searched completely :			
Claims searched incompletely :			
Claims not searched :			
Reason for the limitation of the search: see sheet C			
Place of search Munich		Date of completion of the search 5 May 2008	Examiner Lins, Stephanie
CATEGORY OF CITED DOCUMENTS		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	
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			



Claim(s) not searched:
1-39, 88

Reason for the limitation of the search (non-patentable invention(s)):

Article 53 (c) EPC - Method for treatment of the human or animal body by surgery



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 40-60

Implantable medical device (IMD) with conductive housing and amplifier.

2. claims: 61-70

Charging device for charging battery of IMD.

3. claims: 71-87

IMD with regulated energy storing device, comprising two energy storage elements.

4. claims: 89-97

Placement tool for IMD.

The application lacks unity within the meaning of Article 82 EPC, for the following reasons:

The feature common to all independent apparatus claims 40, 61, 71/80 and 89 is:

- an implantable medical device.

Such a device is known e.g. from document US6445952 (col.1, 1.5-13). Since the technical feature in common to all independent claims is known, there is no common contribution over the cited prior art.

Since there are no special technical features in common, claims 40, 61, 71/80 and 89 can not define a common inventive concept as required by Rule 44 EPC, therefore the requirement for unity of invention referred to in Article 82 EPC is not fulfilled.

The search report therefore is limited to the subject-matter of the first invention, as defined in claims 40-60.

The applicant is asked to state upon which invention or group of inventions further prosecution of the application should be based and to limit the application accordingly. The other inventions or groups of inventions are to be excised from the claims, description and drawings if any.

The subject-matter to be excised may be made the subject of one or more divisional applications. The divisional applications must be filed with the European Patent Office in Munich, The Hague or Berlin and shall be in the language of the proceedings relating to the present application (cf. Article 76(1) and Rule 36(2) EPC). The time limit for filing divisional applications (Rule 36(1) EPC) must be observed.

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

EP 05 74 6276

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.

05-05-2008

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6445952	B1	03-09-2002	NONE
US 3943936	A	16-03-1976	NONE
WO 8002231	A	30-10-1980	EP 0027465 A1 29-04-1981

专利名称(译)	植入式医疗器械和相关方法		
公开(公告)号	EP1740267A4	公开(公告)日	2008-06-25
申请号	EP2005746276	申请日	2005-04-27
[标]申请(专利权)人(译)	TRANSOMA医疗		
申请(专利权)人(译)	TRANSOMA MEDICAL , INC.		
当前申请(专利权)人(译)	TRANSOMA MEDICAL , INC.		
[标]发明人	BROCKWAY BRIAN P MILLS PERRY A FOSTER ARTHUR J LAMBERT SCOTT SHERWOOD KATHY LYNN		
发明人	BROCKWAY, BRIAN, P. MILLS, PERRY, A. FOSTER, ARTHUR, J. LAMBERT, SCOTT SHERWOOD, KATHY, LYNN		
IPC分类号	A61N1/372 A61B5/00 A61B5/0215 A61B5/0402 A61N1/00 A61N1/05 A61N1/375 A61N1/378		
CPC分类号	A61B5/0006 A61B5/0031 A61B5/0215 A61B5/0402 A61B5/413 A61N1/05 A61N1/3727 A61N1/37276 A61N1/3752 A61N1/3756 A61N1/3785 A61N1/3787		
优先权	60/566222 2004-04-28 US		
其他公开文献	EP1740267A2		
外部链接	Espacenet		

摘要(译)

公开了可植入的医疗装置和相关方法。在一个实施方式中，可植入医疗装置包括导电壳体 and 远程电极，远程电极通过引线体机械地耦合到导电壳体。放大器电连接到远程电极和导电壳体，用于提供表示远程电极和导电壳体之间的电压差的信号。在根据本发明的一些方法中，将可植入医疗装置植入覆盖人体肋骨的一半的植入部位。可植入医疗设备产生表示远程电极和导电外壳之间的电压差的信号，并且信号被传输到位于人体外部的接收器。

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 6 445 952 B1 (MANNRODT CHRISTOPHER W [US] ET AL) 3 September 2002 (2002-09-03) * columns 1,4-7; figures 1,3 *	40-42, 44-51, 55-60 43,54	INV. AG1N1/372
Y	US 3 943 936 A (RASOR HED S ET AL) 16 March 1976 (1976-03-16) * columns 1-2; figure 3 *	43	
D,Y	WO 80/02231 A (DONACHY J [US]; TYERS G [US]; BROWLIE R [US]; HUGHES H [US]) 30 October 1980 (1980-10-30) * pages 1,8,11; figure 1 *	54	
The aforementioned search report has been based on the last set of claims valid on the date of publication of the application.			
INCOMPLETE SEARCH			
The search division considers that the present application, or some or all of its claims, does/ do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following reasons:			
Claims searched incompletely:			
Claims not searched:			
Reason for the limitation of the search: see sheet C			
Place of search:		Date of completion of the search:	Searcher:
Munich		5 May 2008	Lins, Stephanie
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone		I: theory or principle underlying the invention	
Y: particularly relevant if combined with another document of the same category		C: prior art document, not published or, or after the filing date	
A: technological background		D: document cited in the application	
O: non-written disclosure		E: document cited for other reasons	
P: intermediate document		F: member of the same patent family, corresponding document	