



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 63 of the European Patent Convention EP 01 96 8144
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	WO 00/38570 A (BALL SEMICONDUCTOR INC [US]; ISHIKAWA AKIRA [US]; TAKEDA NABUO [JP]; A) 6 July 2000 (2000-07-06)	1-6,9	INV. A61B5/103 A61B5/117
Y	* page 10, line 1 - page 11, line 22; figures 1,2 * * page 16, lines 19-29; figure 8 *	7,8	
Y	----- EP 0 820 731 A (ZACOUTO FRED [FR]) 28 January 1998 (1998-01-28) * column 26, line 9 - column 27, line 17; figure 48 *	7,8	
A	----- WO 97/33513 A (LIPOMATRIX INC [CH]) 18 September 1997 (1997-09-18) * page 26, lines 1-23 * ----- -/--	1-9	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61B A61F
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		Date of completion of the search	Examiner
The Hague		2 October 2008	Dhervé, Gwenaëlle
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 03.02 (P04E20)



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	VAN SCHUYLENBERGH K ET AL: "MONITORING ORTHOPAEDIC IMPLANTS USING ACTIVE TELEMETRY" PROCEEDINGS OF THE ANNUAL INTERNATIONAL CONFERENCE OF THE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY. PARIS, OCT. 29 - NOV. 1, 1992; [PROCEEDINGS OF THE ANNUAL INTERNATIONAL CONFERENCE OF THE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY], NEW YORK, I, vol. 14, 29 October 1992 (1992-10-29), pages 2672-2673, XP000347069 * the whole document * -----	1-9	
			TECHNICAL FIELDS SEARCHED (IPC)



Claim(s) not searched:
10

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

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

EP 01 96 8144

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.

02-10-2008

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0038570 A	06-07-2000	AU 2400200 A	31-07-2000
		US 6447448 B1	10-09-2002

EP 0820731 A	28-01-1998	AU 732244 B2	12-04-2001
		AU 2873497 A	29-01-1998
		CA 2213063 A1	22-01-1998
		DE 69722320 D1	03-07-2003
		FR 2751202 A1	23-01-1998

WO 9733513 A	18-09-1997	AU 2401597 A	01-10-1997
		BR 9707974 A	27-07-1999
		CA 2248965 A1	18-09-1997
		EP 0888079 A1	07-01-1999
		JP 2000506410 T	30-05-2000
		US 5833603 A	10-11-1998

专利名称(译)	用于评估相邻骨骼上的负载的装置和方法		
公开(公告)号	EP1311191A4	公开(公告)日	2008-11-12
申请号	EP2001968144	申请日	2001-08-24
[标]申请(专利权)人(译)	克里夫兰诊所基金会		
申请(专利权)人(译)	克利夫兰诊所基金会		
当前申请(专利权)人(译)	克利夫兰诊所基金会		
[标]发明人	ROY SHUVO FLEISCHMAN AARON J BENZEL EDWARD C FERRARA LISA		
发明人	ROY, SHUVO FLEISCHMAN, AARON, J. BENZEL, EDWARD, C. FERRARA, LISA		
IPC分类号	A61F2/44 A61B5/00 A61B5/03 A61B5/103 A61B5/117 A61B17/70 A61F2/02 A61F2/28 A61F2/30 A61F2/46		
CPC分类号	A61F2/442 A61B5/0031 A61B5/036 A61B5/4504 A61B17/7044 A61B2562/0247 A61B2562/0261 A61B2562/028 A61F2/30744 A61F2/446 A61F2002/2835 A61F2002/30563 A61F2002/3067 A61F2002/30772 A61F2002/3085 A61F2002/4666 A61F2250/0002		
优先权	60/228166 2000-08-25 US		
其他公开文献	EP1311191B1 EP1311191A2		
外部链接	Espacenet		

摘要(译)

一种利用微机电系统 (MEMS) 技术来提供相邻骨骼 (24和26) 上的载荷的体内评估的装置 (10) 包括用于插入相邻骨骼之间的主体 (34) 。至少一个传感器 (42) 与主体 (34) 相关联。传感器 (42) 响应于并指示通过相邻骨 (24和26) 施加到主体 (34) 的负载而产生输出信号。遥测设备 (40) 可操作地与传感器 (42) 耦合。遥测设备 (40) 可操作以接收来自传感器 (42) 的输出信号并根据输出信号发送EMF信号。根据本发明的各个方面，传感器包括压力传感器 (42) ，测力传感器 (320) 和/或至少一个应变仪 (142) 。

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A	----- --/--			
The supplementary search report has been based on the last set of claims valid as of the filing date (the 30.09.02).				
INCOMPLETE SEARCH				
The Search Division considers that the present application, or some or all of its claims, does/ do not comply with the EPC. It is on the basis 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 completely:				
Claims searched incompletely:				
Claims not searched:				
Reason for the limitation of the search: see sheet C				
TECHNICAL FIELD SEARCHED (IPC)				
A61B A61F				
Place of search		Date of completion of the search	Examiner	
The Hague		2 October 2008	Dhervé, Gwenaelle	
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E : theory or principle underlying the invention after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document				