



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 02 76 4232 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 (Int.Cl.7)
X	US 4 869 715 A (SHERBURNE ET AL) 26 September 1989 (1989-09-26) * column 10, lines 23-33 - column 17, lines 1-13; figures 2,5,12,13 * -----	1-16	A61B17/32
X	US 6 217 543 B1 (ANIS AZIZ Y ET AL) 17 April 2001 (2001-04-17) * figures 9,10 *	1,3-14	
A	US 6 007 555 A (DEVINE ET AL) 28 December 1999 (1999-12-28) * figures 4,6 *	1	
A	FR 2 268 505 A (MOSKOVSKOE ORDENA LENINA ORDENA,SU; MOSKOVSKOE ORDENA LENINA ORDENA) 21 November 1975 (1975-11-21) * page 1, lines 3,4 - page 3, lines 21-24; figure 4 *	1	
A	JP 61 196952 A (OLYMPUS OPTICAL CO LTD; OLYMPUS OPTICAL CO) 1 September 1986 (1986-09-01) * figures 2,9 *	1	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
INCOMPLETE SEARCH			A61B A47B
<p>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:</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search: see sheet C</p>			
Place of search Munich		Date of completion of the search 9 February 2005	Examiner Assion, J-C
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, ooresponding 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) searched completely:
1-16

Claim(s) not searched:
17-18

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

Article 52 (4) EPC - Method for treatment of the human or animal body by surgery

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

EP 02 76 4232

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.

09-02-2005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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US 6217543	B1	17-04-2001	US 6007513 A 28-12-1999
			US 5911699 A 15-06-1999
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FR 2268505	A	21-11-1975	FR 2268505 A1 21-11-1975
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专利名称(译)	高效超声波手术抽吸尖端		
公开(公告)号	EP1379179A4	公开(公告)日	2005-04-06
申请号	EP2002764232	申请日	2002-04-17
[标]申请(专利权)人(译)	TIMM ED AULD MIKE		
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IPC分类号	A61B18/00 A61B17/32 A61M1/00		
CPC分类号	A61B17/320068 A61B2217/005		
优先权	60/284913 2001-04-19 US 10/122754 2002-04-15 US		
其他公开文献	EP1379179A2		
外部链接	Espacenet		

摘要(译)

一种高效超声外科手术抽吸尖端装置和用于外科手术的附带方法。该装置在接触中具有一个或多个基本上“V”或“U”形的切口。当尖端被超声激发时，该装置和使用方法在接触端提供切割作用。由于基本上“V”形或“U”形切口的定位和形状，该装置和使用方法还提供了基本均匀的超声波和抽吸场。前述内容还允许外科医生将超声波发生器手持件定位在任何旋转角度以提供所引用的益处。

DOCUMENTS CONSIDERED TO BE RELEVANT			
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INCOMPLETE SEARCH			
The search division certifies that the present application, or some or all of its claims, do(es) 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 completely:			
Claims searched incompletely:			
Claims not searched:			
Reason for the limitation of the search: see sheet C			
2	Date of search Munich	Date of completion of the search 9 February 2005	Examiner Assion, J-C
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if considered with another document of the same category A: document of the same category O: non-patent literature P: intermediate document I: theory or principle underlying the invention L: earlier patent document, but published on, or after the filing date D: document cited in the guidelines C: document cited for other reasons & : reference of the same patent family, corresponding document			