



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	WO 98/57500 A (RHYNES VINCENT E [US]) 17 December 1998 (1998-12-17) * claim 1; figure 1 * -----	1,2	INV. A61B1/313
A	US 5 365 267 A (EDWARDS NELSON [US]) 15 November 1994 (1994-11-15) * claim 1; figure 3 * -----	1,2	
A	US 5 111 804 A (FUNAKOSHI TOSHIO [JP]) 12 May 1992 (1992-05-12) * column 6, lines 7-16; figure 4 * -----	1,2	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61B
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 Berlin		Date of completion of the search 27 May 2008	Examiner Bernas, Yves
<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 & : member of the same patent family, corresponding document</p>			

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

EP 05 73 5091

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.

27-05-2008

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专利名称(译)	范围加热装置		
公开(公告)号	EP1737336A4	公开(公告)日	2008-07-09
申请号	EP2005735091	申请日	2005-04-05
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IPC分类号	A61B1/313 A61B1/12 G02B23/24 G02B27/00		
CPC分类号	A61B1/127 A61B1/00057 A61B1/0008 A61B1/00131 A61B1/121 A61B1/313 G02B23/2476 G02B27/0006		
代理机构(译)	HOARTON, LLOYD DOUGLAS CHARLES		
优先权	532195 2004-04-05 NZ		
其他公开文献	EP1737336B1 EP1737336A1 EP1737336B8		
外部链接	Espacenet		

摘要(译)

一种加热装置(30),用于将诸如腹腔镜的光学仪器(1)的镜片部分(2)加热到高于环境温度以防止镜片起雾,包括:具有内壁的双壁圆柱形管(3)(3b),外壁(3a),上表面和开口远端部分(7),其间具有中心腔(4);突起(9),从所述上表面延伸,其尺寸和形状设计成容纳透镜部分;圆形帽(5),其尺寸适于连接到所述双壁圆柱形管的所述远端部分;加热元件(15)封闭在所述中心腔内并热耦合到所述绝缘层。