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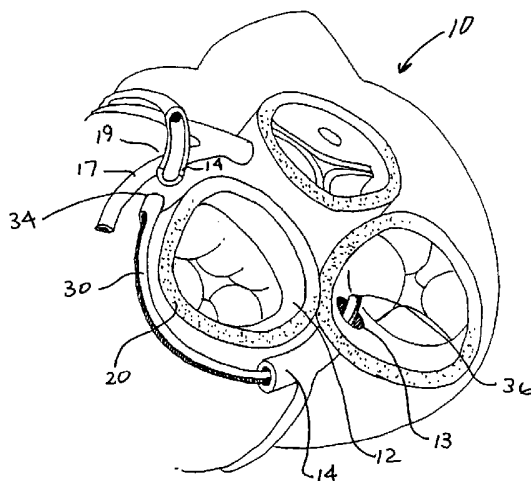
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[Continued on next page]

(54) Title: MITRAL VALVE THERAPY ASSEMBLY AND METHOD



(57) Abstract: An assembly for effecting the condition of a mitral valve (12) of a heart (10) includes a mitral valve therapy device (30), a guide wire (50), and a guide tube (54). The mitral valve therapy device (30) is configured to reshape the mitral valve annulus (20) of the heart (10) when placed within the coronary sinus (14) adjacent the mitral valve annulus (20). The guide wire (52) is configured to be fed into the coronary sinus (14) of the heart (10) adjacent the mitral valve annulus (20). The guide tube (54) has a distal end (37), a proximal end (59), and a lumen (55) extending between the distal end (57) and the proximal end (59). The guide tube (54) further includes a side port (58), intermediate the distal (57) and proximal ends (59) which communicates with the lumen (55). This permits the guide tube (54) to be slidably received on the guide wire (52) with the guide wire (52) extending from the distal end (57), through the lumen (55), and out the side port (57). In use, the guide tube (54) is slid along the guide wire (52) into the coronary sinus (14). The mitral valve therapy device (30) is then delivered by the guide tube (34) into the coronary sinus (14) adjacent the mitral valve annulus (20).



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**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US02/15233

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC(7) : A61F 2/24, 2/06,  
 US CL : 623/2.36, 1.11  
 According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**  
 Minimum documentation searched (classification system followed by classification symbols)  
 U.S. : 623/2.36, 1.11; 606/108, 192, 194, 195

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 East Text Search

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---	US 6,077,295 A (Limon et al) 20 June 2000 (20.06.2000), see Figs. 5 and 11-13.	1-7, and 14 -----
Y		10-13 and 15
Y	US 6,027,517 A (Crocker et al) 22 February 2000 (22.02.2000), see col. 3, lines 30-35, col. 17, lines 57-67 and col. 18, lines 1-9.	10-13 and 15
A	US 5,824,071 A (Nelson et al) 20 October 1998 (20.10.1998), See Figs. 4 and 7.	16-24
A, P	US 6,275,730 B1 (KenKnight et al) 14 August 2001 (14.08.2001), see Figs. 1-7.	16-24
A, E	US 6,402,781 B1 (Langberg et al) 11 June 2002 (11.06.2000), see entire document.	16-24

Further documents are listed in the continuation of Box C.  See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

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