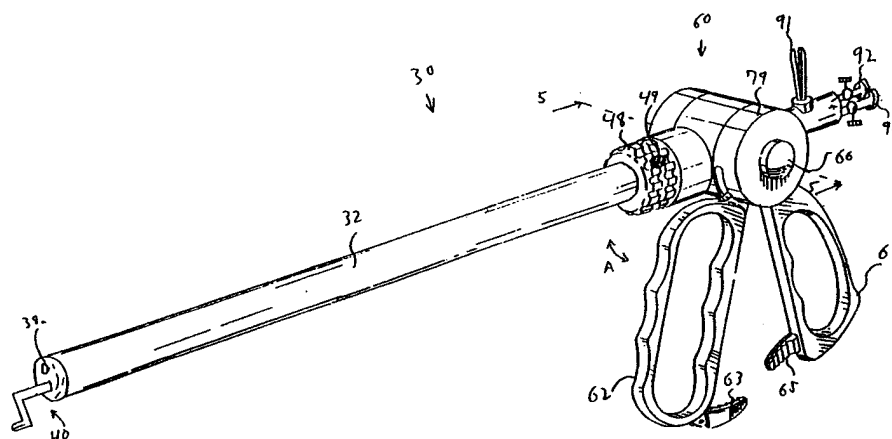




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(54) Title: SURGICAL INSTRUMENT WITH ROTATABLY MOUNTED OFFSET END EFFECTOR AND METHOD OF USING THE SAME



(57) Abstract

An instrument (30) for operating on anatomical tissue includes a barrel (32) having at least one shaft. An end effector (50) is offset from the shaft. In an insertion position, the end effector is confined within the diametrical dimension of the barrel at a distal end thereof. After insertion, the end effector can be manipulated to extend beyond the diametrical dimension of the barrel to provide a large working span in which tissue can be manipulated.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US98/08404

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : A61B 17/28

US CL : 606/205

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. : 606/205, 001, 151, 157, 190-200; 600/201, 204

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P ----- A	US 5,722,990 A (SUGARBAKER et al) 03 MARCH 1998 see entire document	1-4,8-10,13-16 ----- 5-7,11,12
X	US 5,607,435 A (SACHDEVA et al) 04 MARCH 1997 see entire document	1-16
X	US 5,395,367 A (WILK) 07 MARCH 1995 see entire document	1-16



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