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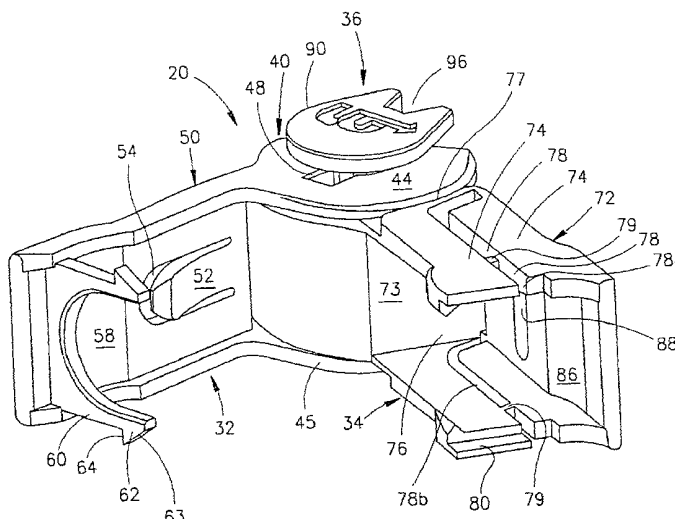
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(54) Title: NEEDLE AND SENSOR ADAPTERS FOR MEDICAL SYSTEMS



(57) Abstract: A needle adapter is provided having a first member including a head portion and a tail portion, the head portion having a bore extending at least substantially therethrough. The head portion is configured for receiving a segment of a second member and is also configured for receiving a needle. The second member has a segment and a tail portion, the segment attached to the tail portion and adapted for receipt in the head portion of the first member, for attaching the first member and the second member in a hinge-like manner. This attachment allows for movement of the first and second members between open and closed positions. The tail portions of the first member and the second member are configured such that when the closed position is achieved, a volume for retaining a sensor is formed. There is also a pin, removably attachable from the bore of the head portion of said first member. This pin is for securing the needle upon its mounting in the needle adapter.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :A61B 10/00  
US CL :600/567, 461

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. : 600/567, 461, 562, 564, 566, 437, 459, 471, 464, 462

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	US 5,427,108 A (BOLLINGER) 27 June 1995, see the entire document.	5, 7, 10-12
A	US 5,076,279 A (ARENSEN et al) 31 December 1991, see the entire document.	1-16

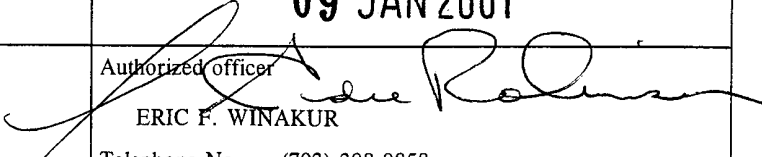
Further documents are listed in the continuation of Box C.  See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	
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