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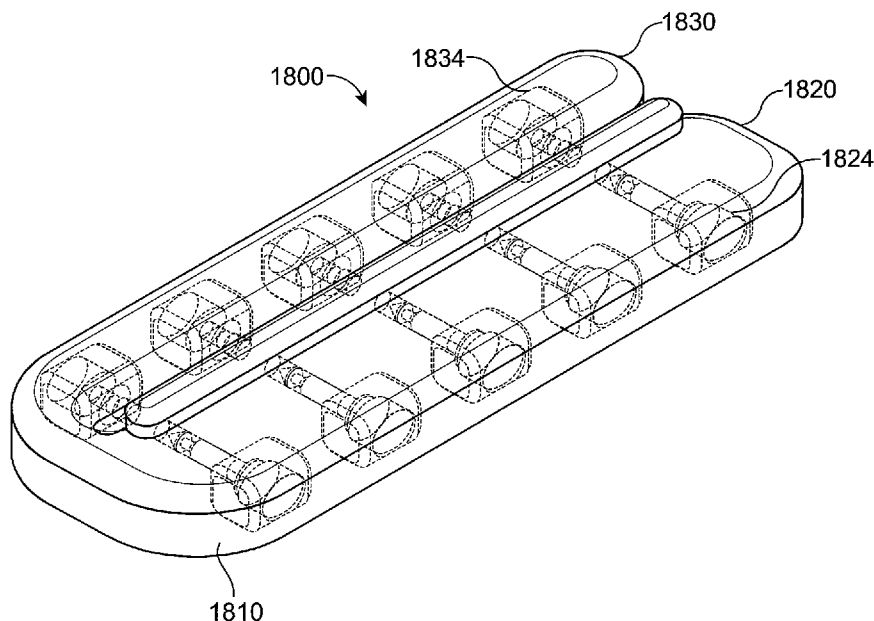
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(54) **Title:** SYSTEMS AND METHODS OF TISSUE CLOSURE



(57) **Abstract:** Apparatus, systems, and methods are described for closing the base of a left atrial appendage or other tissue structure. A tissue closure device comprises a pair of legs having compliant surfaces for engaging against opposite sides of the tissue structure. A plurality of axially spaced-apart tissue-penetrating fasteners are delivered from one leg to the other to pierce the intervening tissue and hold the closure device in place on the tissue structure.

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# INTERNATIONAL SEARCH REPORT

International application No.

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**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC: **A61B 17/08**( 2006.01);**A61D 1/00**( 2006.01)

USPC: 227/19,20;606/219  
 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. : 227/19, 20, 175.19; 606/219

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.
Y	US 4,506,671 A (GREEN) 26 March 1983 (26.03.1983), whole document.	1-54
Y	US 5,624,453 A (AHMED) 29 April 1997 (29.04.1997), whole document.	18-21 and 25-54
Y	US 4,754,758 A (LI) 5 July 1988 (05.07.1988), whole document.	55-76

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* Special categories of cited documents:	
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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