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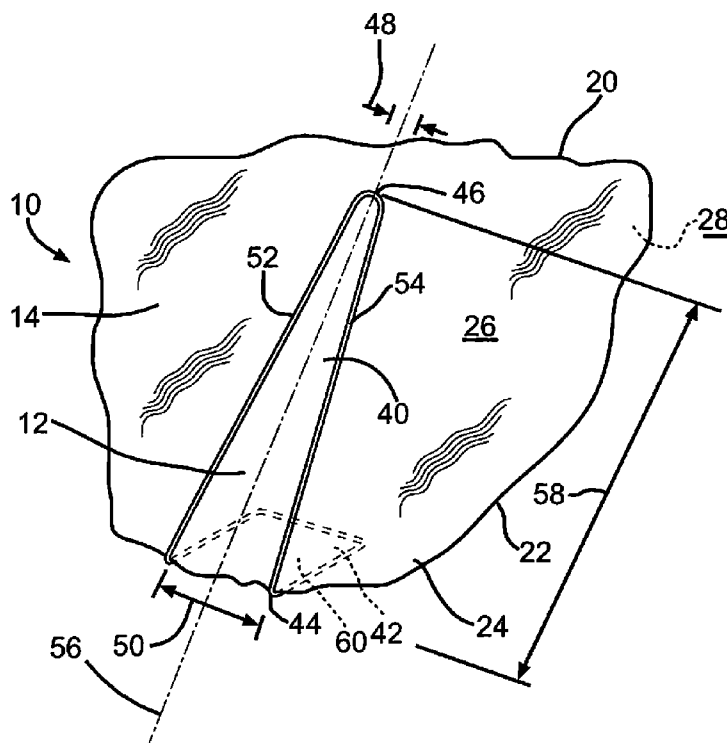
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(54) Title: VALVE DEVICE WITH BIASED LEAFLETS



—FIG. 1

(57) Abstract: Valve devices (10) useful in the treatment of various valve-related disorders and/or conditions are described. A valve device includes a leaflet (14) and a means (12) for biasing the leaflet in an open configuration. A method of making a valve device comprises the steps of determining a desired closing pressure; determining a desired opening pressure, selecting one or more valve leaflets; selecting an appropriate means for biasing the leaflet in an open configuration based on the determined closing and opening pressures; and attaching the one or more valve leaflets to the means for biasing the leaflet in an open configuration.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)
A61F

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/41764 A2 (BOSTON SCIENT CORP [US] BOSTON SCIENT LTD [BB]) 30 May 2002 (2002-05-30) page 2, line 4 - page 4, line 2 page 7, line 20 - page 7, line 18; figures 1,2,3A,3B page 10, line 10 - page 11, line 28; figures 11-14	1-3,6, 9-10, 15-18
A	WO 2006/125055 A2 (COOK INC [US]; HUNT JAMES B [US]) 23 November 2006 (2006-11-23) paragraphs [0012] - [0015], [0034] - [0043], [0052], [0075], [0076]; figures 1-6	1-20
A	US 2004/243222 A1 (OSBORNE THOMAS A [US] ET AL) 2 December 2004 (2004-12-02) paragraphs [0059] - [0061]; figure 9	19-20

☐ Further documents are listed in the continuation of Box C.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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