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(54) Title: BIOPSY DEVICE WITH MULTIPLE CUTTERS

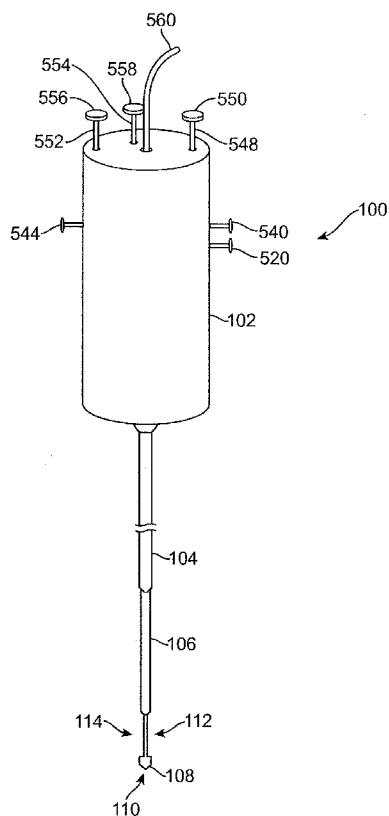


FIG. 1

(57) Abstract: A tissue sampling device comprises an elongated tube (106) having a distal end (110) with at least two apertures (112,114).. The device further comprises at least two cutters (116,118) disposed within the elongated tube, wherein each cutter is configured to be independently displaced longitudinally within the elongated tube and across a respective one of the apertures to sever tissue prolapsed within the respective aperture. A method comprises inserting the device in tissue. The method further comprises receiving a first prolapsed portion of the tissue into the first aperture, longitudinally displacing the first cutter across the first aperture to sever the first prolapsed tissue portion within the first aperture, receiving a second prolapsed portion of the tissue into the second aperture, and longitudinally displacing the second cutter independently from the first cutter across the second aperture to sever the second prolapsed tissue portion within the second aperture.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A61B

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)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 077 230 A (GREGOIRE DAVID K [US] ET AL) 20 June 2000 (2000-06-20) column 5, line 21 - column 7, line 67 figures 1-5	1
A	WO 2004/024004 A (BRAUTIGAM ROBERT T [US]; PERDIZET GEORGE A [US]; BRAUTIGAM RICHARD H []) 25 March 2004 (2004-03-25) page 5, lines 3-21 page 7, line 19 - page 10, line 21 figures 1-5C	1-3
A	US 5 106 364 A (HAYAFUJI MINEKI [JP] ET AL) 21 April 1992 (1992-04-21) column 7, line 29 - column 8, line 10 column 12, lines 55-62 figures 5,14	1
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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