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(54) Title: METHODS AND APPARATUS FOR CYROGENIC TREATMENT OF A BODY CAVITY OR LUMEN

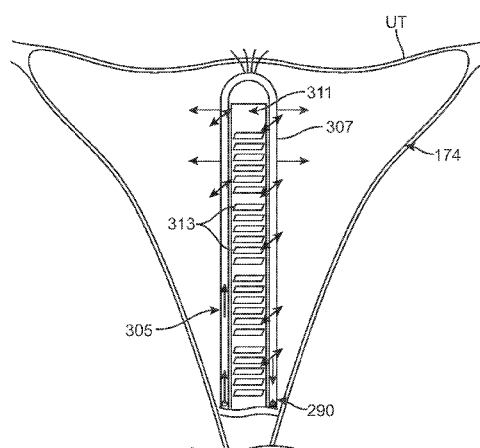


FIG. 42

(57) Abstract: Methods and apparatus for the treatment of a body cavity or lumen are described where a heated fluid and/or gas may be introduced through a catheter and into treatment area within the body contained between one or more inflatable/expandable members. The catheter may also have optional pressure and temperature sensing elements which may allow for control of the pressure and temperature within the treatment zone and also prevent the pressure from exceeding a pressure of the inflatable/expandable members to thereby contain the treatment area between these inflatable/expandable members. Optionally, a chilled, room temperature, or warmed fluid such as water may then be used to rapidly terminate the treatment session.



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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61B 18/18, 17/00 (2012.01) USPC - 606/20-23, 25, 1 According to International Patent Classification (IPC) or to both national classification and IPC		
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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.
Y	US 7794454 B2 (ABBOUD, M et al.) September 14, 2010, abstract; figures 4-6, 25, 27, 28, 31, 32, 35, 40, 41, 43; column 2, lines 60-67; column 5, lines 9-10; column 5, lines 66-67 to column 6, lines 1-8; column 6, lines 66-67 to column 7, lines 1-5; column 10, lines 62-65; column 11, lines 1-32; column 11, lines 60-67; column 12, lines 31-56; column 13, lines 66-67 to column 14, line 1; column 16, lines 47-56; column 17, lines 62-66	1-72
Y	WO 2010/135602 A1 (LIU, Yet al.) November 25, 2010, abstract; figures 6, 7A, 7B, 16A, 16B, 16H, 17B, 17C, 17D, 17G-J; paragraphs [0002]-[0004], [0069], [0074], [0078], [0102], [0117], [0120]-[0127], [0129], [0131], [0136], [0167], [0171], [0173], [0181], [0183], [0187]-[0190]	1-72
Y	US 2007/0088247 A1 (BLIWEIS, M et al.) April 19, 2007, figure 3b; paragraphs [0143], [0150], [0173]	5, 6, 34, 72
Y	US 4416660 A (DAFOE, CA) November 22, 1983, abstract	15, 40, 69
Y	US 7566341 B2 (KELLER, WA et al.) July 28, 2009, figures 1, 3A, 4, 5; column 12, lines 40-61; column 21, lines 22-53	18, 49, 50, 55
Y	US 2010/0198040 A1 (FRIEDMAN, P et al.) August 5, 2010, figures 34A, 34B; paragraphs [0046], [0158], [0230]-[0232]	20-26, 52
Y	US 2008/0188912 A1 (STONE, CW et al.), August 7, 2008, paragraphs [0059], [0067]; figures 6A, 9A-9C	30, 46, 66
Y	US 7101368 B2 (LAFONTAINE, DM), September 5, 2006, column 2, lines 56-60; column 5, lines 31-40; column 8, lines 26-42	48, 54-56
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