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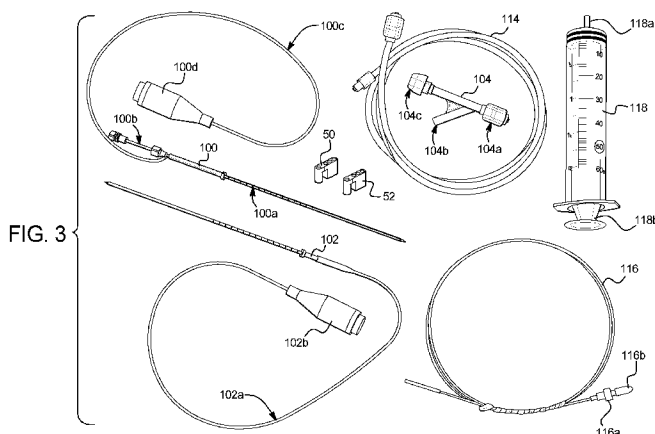
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(54) Title: INTERSTITIAL LASER THERAPY KITS AND INTERSTITIAL LASER THERAPY CONTROL SYSTEM



(57) Abstract: Items contained in an interstitial laser therapy kit are useable to perform a single interstitial laser treatment. The kit includes a laser probe cannula, a styilet, a thermal probe, two probe holders, and a removable optical fiber, sterilized and contained in a non-resealable plastic bag. A kit identifier is associated with the kit. The interstitial laser therapy kit is combined with an interstitial laser therapy apparatus to perform a single interstitial laser treatment. An interstitial laser therapy control system includes a thermistor controller, a microprocessor, and various electro-mechanical switches. The control system verifies that the interstitial laser therapy kit is valid based on a kit identifier. The microprocessor is configured to monitor temperatures detected by one or more thermistors and determine when to cease applying laser energy. An electro-mechanical shutter switch closes a shutter on the laser source. An electro-mechanical emergency stop button cuts off power to the laser source.

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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.
X ---- Y	US 2006/0095096 A1 (DEBENEDICTIS et al.) 4 May 2006 (04.05.2006) para[0028], para[0045], para[0048], para[0053], para[0063]	58-62 ---- 37-57 and 63-74
Y	US 6,551,302 B1 (ROSKINO et al.) 22 April 2003 (22.04.2003) col 10, ln 28-30, col 12, ln 60-65, Fig. 2 and Fig. 6A	1-35, 37-57 and 63-70
Y	US 2005/0113641 A1 (BALA) 26 May 2005 (26.05.2005) para[0041]	45-55, 71-74
Y	US 6,562,028 B2 (NIELD et al.) 13 May 2003 (13.05.2003) col 10, ln 10-19	1-24, 29-35, 37-55 and 63-70
Y	US 2006/0241727 A1 (DOWLATSHAHI) 26 October 2006 (26.10.2006) para[0046]	1-36
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,569,240 A (DOWLATSHAHI et al.) 29 October 1996 (29.10.1996) Claim 4	1-36
Y	US 2003/0035868 A1 (COULTER et al.) 20 February 2003 (20.02.2003) para[0016], para[0032], para[0036], para[0037] and Fig. 6	14-36
Y	US 4,946,440 A (HALL) 7 August 1990 (07.08.1990) col 11, ln 31-35	29-36
Y	US 5,954,711 A (OZAKI et al.) 21 September 1999 (21.09.1999) col 4, ln 55-60	7, 11, 22-25 and 27-28
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