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[Continued on next page]

(54) Title: A METHOD AND APPARATUS FOR ULTRASOUND TISSUE TREATMENT

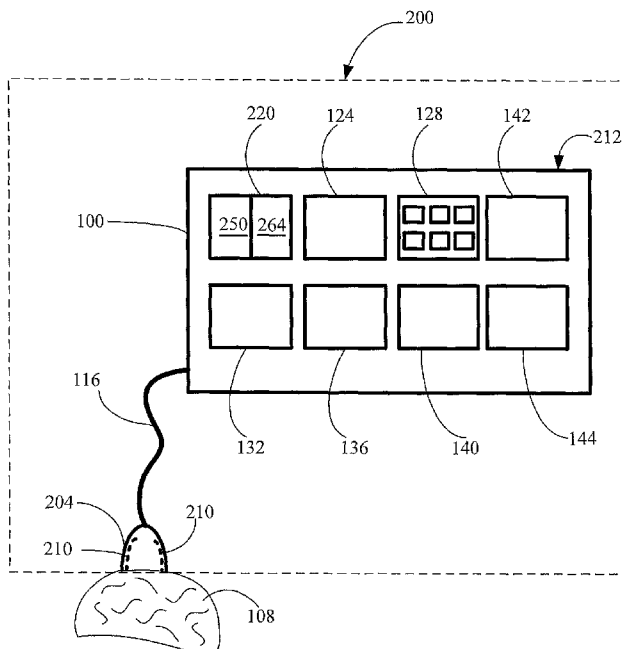


FIG. 4

(57) Abstract: Disclosed is a method of treatment of soft tissue where at least two ultrasound transducers are applied to a tissue protrusion and operated to emit the protrusion ultrasound radiation in pulse or continuous operation mode. At least one of the transducers receives a portion of the ultrasound power emitted by the other transducer and transmitted through the protrusion. A controller analyzes the received portion of the ultrasound and employs the data for actively monitoring the ultrasound radiation with tissue coupling. Disclosed is also an apparatus enabling implementation of the method.

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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	US 6,500,141 B1 (IRION et al) 31 December 2002 (31.12.2002) entire document	1,4,5,10,15-17,25-26,28,34
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Y		2-3,6-9,11-14,18,20-24,27,31,33,35-37
Y	US 6,623,430 B1 (SLAYTON et al) 23 September 2003 (23.09.2003) entire document	2
Y	US 6,662,054 B2 (KREINDEL et al) 09 December 2003 (09.12.2003) entire document	6
Y	US 7,052,493 B2 (VASKA et al) 30 May 2006 (30.05.2006) entire document	7-9,11-12,18,27
Y	US 6,113,558 A (ROSENSCHEIN et al) 05 September 2000 (05.09.2000) entire document	13,20,31,35,37-38
Y	US 6,391,023 B1 (WEBER et al) 21 May 2002 (21.05.2002) entire document	14,33,35-36,37-38
Y	US 4,131,021 A (MEZRICH et al) 26 December 1978 (26.12.1978) entire document	3,21-24
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