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(54) **Title:** ULTRASONIC TREATMENT OF GLAUCOMA

(57) **Abstract:** A method of treating glaucoma is described herein. The method includes the steps of providing an ultrasonic device that emits ultrasonic energy, holding the ultrasonic instrument at a location external to the trabecular meshwork, transmitting the ultrasonic energy at a frequency to a desired location for a predetermined time, dislodging material built up in the trabecular meshwork, and generating heat that initiates biochemical changes in the eye.



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# INTERNATIONAL SEARCH REPORT

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**A CLASSIFICATION OF SUBJECT MATTER**  
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**B FIELDS SEARCHED**  
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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 practicable, search terms used)

**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 6,162, 193 (Ekberg) 19 Debember 2000 (19 12 2000), Col 1, 34-40, Col 4, lines 45-50 and claim 11	1-4 and 7-8 ----- 5, 16 and 17
Y	US 5,458, 130 (Kaufman et al) 17 October 1995 (17 01 1995), Col 2, line 19	5 & 17
x	USAP 2002/01 11608 A1 (Baerveldt) 15 August 2002 (15 08 2002), Figs 25 and 29A	9-11
Y	USPA 2003/0088260 A1 (Smedley et al) 08 May 2003 (08 05 2003), paragraph 0125	16 & 17

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