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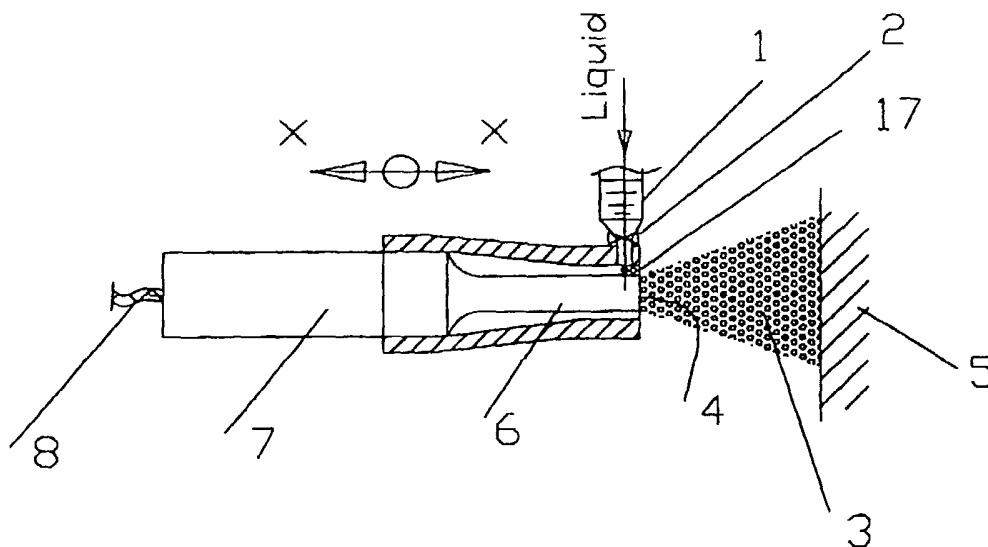
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(54) Title: ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT



(57) Abstract: The method and device of the present invention for wound treatment includes a transducer (7) to produce waves, preferably ultrasonic waves. The transducer has tip with the distal end (radiation surface). A liquid is directed to the radiation surface wherein an directed atomized particle spray (3) of the liquid is created upon contact of the liquid with the radiation surface. The spray (3) directed to the wound from at least 0.1 inches transmits wave trough particles and has an irrigation, mechanical cleansing, liquid energizing and bactericide effect.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/30096

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61H 1/00

US CL : 601/2

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 601/2,3; 600/437,439; 604/22,24

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.
A	US 5,315,998 A (Tachibana et al) 31 May 1994 (31.05.1994).	1-25
A	US 5,551,416 A (Stimpson et al) 03 September 1996 (03.09.1996).	1-25

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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