**ABSTRACT**

## ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT

A method for treating a wound is provided having the steps of providing a transducer having a distal radiation surface arranged a distance from the surface of the wound for emitting ultrasonic energy; introducing at least one of a liquid and a powder to the distal radiation surface to produce a spray; and delivering the emitted ultrasonic energy to the wound through the spray, wherein the ultrasonic energy penetrates the wound tissue to a beneficial depth to provide a bactericidal and a therapeutic effect for decreasing the healing time for the wound.

(Figure 3)

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