

ABSTRACT OF THE DISCLOSURE

VIBRATIONALLY STIRRING APPARATUS FOR STERILIZATION,
STERILIZING APPARATUS AND STERILIZING METHOD

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A method of sterilizing liquid is performed by providing a vibrationally stirring apparatus having a vibration generating unit containing a vibration motor (14), a vibrating rod (7) operationally
10 connected to the vibration generating unit, vibration vanes (10) fixed to the vibrating rod, and vibration vane fixing members (9) for fixing the vibration vanes to the vibrating rod, wherein the vibration vane (10) has a surface made of sterilizing metal and the vibration vane fixing member (9) is made of magnetic field generating material; submerging the vibration
15 vanes and the vibration vane fixing members in the liquid (LIQ) taken in a treatment tank (13); and vibrating the vibration vane at an amplitude of 0.1 to 15.0 mm and at a vibrational frequency of 200 to 1000 times per minute by the vibration generating unit to cause vibrationally stirring of the liquid, thereby sterilizing the liquid.

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This Sheet Has Been Replaced



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