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(54) **ULTRASOUND AND ACOUSTOPHORESIS FOR WATER PURIFICATION**

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This patent is subject to a terminal disclaimer.

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See application file for complete search history.

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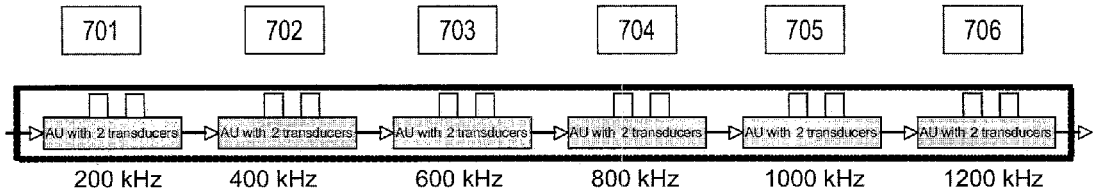
(57) **ABSTRACT**

Provided herein are systems and methods for separation of particulate from water using ultrasonically generated acoustic standing waves.

48 Claims, 11 Drawing Sheets