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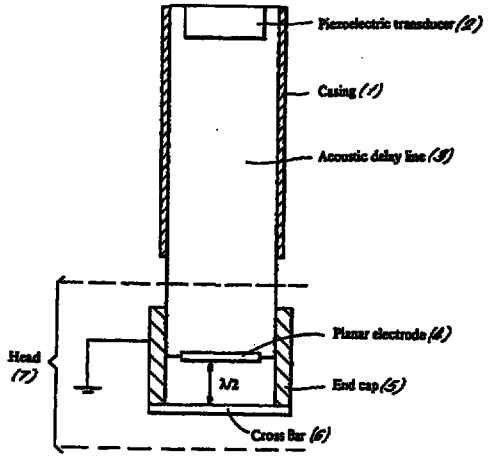
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(54) Title: METHOD OF DETECTING THE ONSET OF COLLOID FORMATION IN PARTICULAR SUFLUR PRECIPITATION



(57) Abstract: A method suitable for detecting the onset of colloid formation within a solution whose composition is in a state of change, which method makes use of the technique of acoustophoresis and which comprises the steps of either (I) applying an oscillating electric field to the solution and monitoring the amplitude of the resultant acoustic signal, the onset of colloid formation being detected by a change in the amplitude of the resultant acoustic signal, or (ii) applying an oscillating acoustic signal to the solution and monitoring the resultant oscillating electric field, the onset of colloid formation being detected by a change in the amplitude of the resultant oscillating electric field, or (iii) applying an oscillating electric field to the solution and monitoring the resultant oscillating electric field, the onset of colloid formation being detected by a change in the amplitude of the resultant oscillating electric field.

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