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(54) **TRAY-FED SCANNING ACOUSTIC MICROSCOPE SYSTEM AND METHOD FOR IMMOBILIZING PARTS DURING INSPECTION**

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(52) **U.S. Cl.** **73/620**

(58) **Field of Search** 73/618, 620, 644, 73/606

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(57) **ABSTRACT**

An improved scanning station and method for a tray-fed scanning acoustic microscope has a vacuum system which at least assists in immobilizing loosely held parts in the trays during insonification by an ultrasonic beam generator.

37 Claims, 8 Drawing Sheets

