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(54) **ULTRASONIC FLAW DETECTION METHOD AND DEVICE**

(57) An ultrasonic testing apparatus 100 comprises an ultrasonic probe 1 including n ($n \geq 2$) number of transducers arranged along a predetermined direction, disposed so as to face a test object P, and a transmission/reception control device 2 for selecting m ($n > m \geq 1$) number of transducers from among the n number of transducers, transmitting ultrasonic waves from the selected m number of transducers toward the test object, receiving the ultrasonic waves therefrom, and switched m number of transducers to be selected successively. If an angle that the arrangement direction of the transducers makes with the surface of the test object which ultrasonic waves enter is θ , and the effective beam width of each selected m number of transducers with respect to a target flaw is $W1$, the transmission/reception control device switches m number of transducers to be selected successively by a switching pitch length P satisfying the formula: $P \leq W1 \cdot \cos \theta$.

