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The invention relates to nondestructive testing of materials and can be used for mirror-shadow ultrasonic flaw detection, for example of railroad rails.

The method for mirror-shadow ultrasonic flaw detection consists in that on one surface of the controlled object is installed a piezoelectric transducer, there are excited the ultrasonic vibrations in the object, it is received the base echo signal. Concomitantly with the reception of the base echo signal is controlled the presence of acoustic contact between the piezoelectric transducer and the controlled object, at the same time the presence of defect is determined in case of failure of the base echo signal concomitantly with the presence of acoustic contact.

Claims: 1