

The invention relates to the non-destructive testing methods, in particular to the acoustic impedance methods, and may be used for transducers of flaw detectors.

The transducer of the impedance flaw detector contains emitting and receiving piezoelectric elements joined with a waveguide and a feeler gauge. The transducer is provided with an additional emitting piezoelectric element, joined with the main emitting piezoelectric element, electrically connected to it in parallel and joined with the feeler gauge, the end of which is made plane. The receiving piezoelectric element is provided with inert mass. The waveguide and the feeler are made of crystalline structure material, for example of brass.

Claims: 2

Fig.: 1