

The invention relates to the non-destructive testing of pieces by acoustic impedance method.

The transducer of the impedance flaw detector contains a body, wherein there are placed two emitting piezoelectric elements situated inside a closed chamber and a receiving one, made in the form of some disks. The emitting piezoelectric elements are fixed on current-conducting membranes. One emitting piezoelectric element is joined with an end of the feeler, made as a rod, the other end thereof being provided with demountable contact head. The receiving element is placed between the emitting piezoelectric elements and installed onto an additional current-conducting membrane, which is fixed between two isolating rings. The second emitting piezoelectric element is connected by a rod to an elastic element.

Claims: 1

Fig.: 1