

Method for generating acoustic vibrations using a transducer comprises a cylindrical piezoelectric element and is implemented by connecting an electrical oscillator to the electrodes of the piezoelectric element. The transducer circuit uses an inductor, and the transducer is a piezoelectric element with two electrode systems in the form of segments on the cylindrical outer and inner surfaces, wherein the electrical oscillation generator is connected to the inductor coil, the second terminal of which is connected to the second and fourth electrodes of the outer surface of the piezoelectric element and the fifth and seventh electrodes of the inner surface of the piezoelectric element. The common lead of the electrical oscillation generator is connected to the first and third electrodes of the outer surface of the piezoelectric element and to the sixth and eighth electrodes of the inner surface of the piezoelectric element.