

ABSTRACT

CONTROL CIRCUIT FOR A PIEZOELECTRIC VIBRATOR

The control circuit of the piezoelectric vibrator comprises two branches, each comprising switching means (T1, T2) arranged to go into a blocking state and a conducting state following the reception of a control signal, and a series connection of a coil (2,2') with a diode (3,3'), a first terminal (A,A') of said series connection being connected to a voltage supply source (1) and a second terminal (B,B') of said connection being connected to said switching means (T1,T2).

The vibrator (4) is connected between said second terminals (B,B') so as to be excited in alternance in a first direction, when said first switching means are in the blocking state and at the same time the second switching means are in the conducting state, and in a second direction, when said second switching means are in the blocking state while at the same time the first switching means are in the conducting state.

Figure 1