

ABSTRACT

SOUND GENERATOR IN PARTICULAR FOR A TIMEPIECE

This sound generator comprises a transducer (3) intended to be supplied with a signal having a frequency determining the sound to be produced and having a variable amplitude (envelope). To this effect, the transducer is connected in series with the principal path of a semiconductor component (5). The control electrode of this semiconductor component (5) is connected to a RC-circuit (1, 7) capable of providing control pulse trains having said envelope.

According to the invention, the RC-circuit comprises a capacitor (7) and at least one input branch (13) of a current mirror (11) the output branch (12) of which supplies a control electrode of the semiconductor component (5). Preferably, the capacitor (7) is connected in series with the input branch (13).

Application in particular to wrist-watches equipped with an audible alarm.

Figure 1