

ELECTRONIC TIMEPIECE COMPRISING A GENERATOR
DRIVEN BY A SPRING BARREL

ABSTRACT

The integrated circuit (11) of this timepiece comprises means (16, 17, 18) for comparing the frequency of a time base (12, 13) to the frequency of the generator (1). The error signal thereby generated is examined by a wired logic (20) allowing verification of whether this signal passes distinct threshold values.

Passing of two of these values allows an electric brake (22) of the generator to be controlled so that from a certain degree of depletion of the power reserve of the barrel (5), the second hand moves periodically right away over an angle of several seconds inviting the wearer of the timepiece to rewind the spring (6) of the barrel (5).

Figure 2