

ABSTRACT

WATCH INCLUDING AT LEAST TWO REGULATING SYSTEMS

The invention concerns a watch with a mechanical movement of the type comprising at least two regulating systems (SR1, SR2) each including a mechanical oscillator and an escapement. The movement includes as many sub-assemblies (SE1, SE2) as there are regulating systems, each of said sub-assemblies including a regulating system (SR1, SR2), a barrel (B1, B2) and a going train transmitting energy from the barrel to the regulating system inside the sub-assembly. A differential display gear (Da) connects the barrel or the going train of each sub-assembly to the display (A) to average out the rate of the two sub-assemblies. In a preferred embodiment, the two sub-assemblies are mounted on a common rotating support (5) and their regulating systems are tourbillons which make an orbital movement about the centre of the watch dial.

Figure 2