

ABSTRACT

TIMEPIECE INCLUDING A STRIKING MECHANISM

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In a timepiece with a striking mechanism, for example a minute repeater watch, in order to prevent the control stem (9) inadvertently setting the time during operation of the striking work and causing damage, an uncoupling device is inserted in the time-setting train (17), and is controlled
10 via a mobile part of the striking mechanism. The uncoupling device includes an intermediate motion wheel (19) that can be moved, for example axially, from a rest position in which it is meshed with the castle wheel (16). Said mobile part of the striking mechanism is preferably the strike barrel arbour (46), carrying a rotating cam (56) with a spiral profile. At the start of
15 actuation of the striking mechanism, the cam pushes a lifting lever (60), which raises a strip (25) controlling the vertical movement of the intermediate motion wheel (19). This interrupts the kinematic connection in the motion work train, such that the stem (9) can rotate the castle wheel (16) without producing any effect and without encountering any resistance.

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Figure 4