

ABSTRACT

TIMEPIECE INCLUDING MEANS FOR DETERMINING THE ANGULAR
POSITION OF AN ANALOGUE INDICATOR OF THE TIMEPIECE

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The timepiece includes a motor which drives at least one hand via a gear reduction train (8, 9, 10, 11, 12, 13), and means (22) for detecting at least one angular reference position of an intermediate wheel (9) forming part of the gear reduction train. The detection means are provided for supplying a signal
10 having a first value when the intermediate wheel is occupying the angular reference position (α) and for supplying a signal having a second value when the intermediate wheel (9) is occupying a second angular position (γ). The timepiece further includes identification (32) and comparison (33) means for determining, on the basis of the signals supplied by the detection means (22),
15 at least once per revolution of the intermediate wheel (9), whether the real position of the intermediate wheel actually corresponds to the theoretical position thereof.

Figures 2A and 2B

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