

ABSTRACT

DETENT ESCAPEMENT FOR A TIMEPIECE

The blocking member (6) or detent member of the escapement carries a follower (20) which ends in a beak (21) which cooperates with a small roller (23) comprising a notch (22). When the locking pallet-stone (7) of the blocking member releases itself from the teeth of escapement wheel (2), the beak (21) penetrates in the
5 notch(22). The return of the pallet-stone (7) in the locking position is caused by a rising flank (25) of said notch, said rising flank being inclined such that the beak (21) is forced to follow and climb over said flank when the small roller (23) rotates. This arrangement allows the escapement to resist to shocks and consequently to omit the return spring acting on the blocking member.

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Figure 2