Title (en)

OPTIMISED TIMEPIECE BARREL

Title (de)

OPTIMIERTER UHRENLAUF

Title (fr)

BARILLET D'HORLOGERIE OPTIMISE

Publication

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Application

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Abstract (en)

[origin: WO2015090938A2] The invention relates to a timepiece barrel (1) comprising a drum (2) with a first spring bearing surface (20) of a chamber (4) for holding a spring (3), comprising a bore (11) for guiding the pivotal movement of a core (9) and bordered by a lower abutment bearing surface (12) adjacent to said side inner wall (5), and by an outer abutment bearing surface (13). The first spring bearing surface (20) on the chamber (4) side comprises a DLC coating, and the bore (11) is free from any DLC coating. The invention also relates to a method for manufacturing such a barrel including: manufacturing such a drum (2); protecting at least the bore (11) in order to prevent the effects of an anti-wear or DLC treatment; and performing a DLC treatment on the entire drum (2) with the exception of the area thus protected.

IPC 8 full level

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