

Title (en)
TIMEPIECE

Title (de)
UHR

Title (fr)
PIECE D'HORLOGERIE

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Application
EP 12733475 A 20120705

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Abstract (en)
[origin: WO2013004782A1] The present invention relates to a timepiece, including: a frame (2); a mobile body (4) of a finishing gear train; and a tourbillon mechanism including a holder (14) supporting a balance (16) and at least one escapement element. The tourbillon mechanism also includes: an outer ring (24) rotatably mounted onto the frame (2) about a first axis (A1); at least one inner ring (26) mounted inside the outer ring (24) and rotatable relative to the outer ring (24) about a second axis (A2), the holder (14) being pivotably mounted in the inner ring (26) and said holder (14) being secured to a shaft around which the inner ring (26) is freely and rotatably mounted about a third axis (A3); a first toothed member (12) mounted onto the frame (2); a first pinion (38) secured to the shaft (30) of the holder (14) and arranged so as to engage with said first toothed member (12) so as to rotate said holder (14); and a means for driving the inner ring (26), engaging with the movable body (4) of the finishing gear train and arranged so as to move said inner ring (26) and, consequently, the outer ring (24), thus imparting a composite movement to the holder (14).

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Cited by
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