

Title (en)
FLEXIBLE ESCAPEMENT MECHANISM

Title (de)
FLEXIBLER UHRHEMMUNGSMECHANISMUS

Title (fr)
MECANISME D'ECHAPPEMENT FLEXIBLE SANS ANCRE

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Abstract (en)
[origin: WO2013144237A1] The invention relates to an escapement mechanism (140) having a unitary flexible mechanism (500) for transmitting pulses between the ellipse (142) of a balance (141) and the teeth (146) of an escapement wheel (145). Each tooth (146) comprises a rocker (147) having a flexible pin (148) that can be actuated by an lever (150), said pins (148) being supported at a lower level of said wheel (145), up to the abutments (143, 144) of a plate (800), and said levers (150) being supported at an upper level thereof. Said ellipse (142) pivots a rocker (147) opposite thereto so as to cause said pin (148) to abut said second abutment (144) or so as to move the lever (150) thereof opposite the first abutment (143) and cause said second abutment (144) to circumvent said pin (148) while enabling the rotation of said wheel (145) up to the following tooth (146).

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