Title (en)

NATURAL ESCAPEMENT FOR TIMEPIECE MOVEMENT AND TIMEPIECE MOVEMENT COMPRISING SUCH AN ESCAPEMENT

Title (de)

NATÜRLICHE HEMMUNG FÜR UHRWERK UND UHRWERK, DAS EINE SOLCHE UHRHEMMUNG UMFASST

Title (fr)

ÉCHAPPEMENT NATUREL POUR MOUVEMENT D'HORLOGERIE ET MOUVEMENT D'HORLOGERIE COMPRENANT UN TEL ÉCHAPPEMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: CN115494716A] The invention relates to a natural escapement for a timepiece movement that performs a series of operating cycles, each operating cycle comprising a first and a second half cycle of a balance mechanism comprising a balance, a balance plate being adjusted on the axis of the balance, the natural escapement comprising a first escapement wheel arranged to be driven by a second wheel, the first escapement wheel in turn drives the second escapement wheel, a balance plate carrying a balance pin, by means of which the balance plate causes the anchor pallet to pivot in both first and second half cycles, a first lever pivoting about a pivot axis being connected to a first arm of the anchor pallet via at least one pivot joint, the anchor pallet comprises a second arm extending out of a second lever, the first and second levers being arranged to temporarily lock the first and second escapement wheels, respectively, during a second and first half-cycle of one operating cycle, the pivoting displacement of the first and second levers being limited. The invention also relates to a timepiece movement comprising such a natural escapement.

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