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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Abstract (en)

[origin: CN114995084A] The invention relates to a natural escapement mechanism for a timepiece movement, which performs a series of operating cycles, each operating cycle comprising a first and a second half cycle of a balance mechanism comprising a balance and a balance plate adjusted on a balance axis, the escapement mechanism comprising: a first escapement wheel arranged to be driven by a second movement, the first escapement wheel in turn drives a second escapement wheel arranged in the same plane as it; an anchor pallet pivotable about a pallet shaft, comprising means for temporarily locking a first escapement wheel in a first half cycle and means for temporarily locking a second escapement wheel in a second half cycle, the pallet shaft being located outside an angle of less than 180 DEG and defined by two straight lines, wherein one straight line passes through the axis of the balance wheel and passes through the pivot axis of the first escapement wheel, and the other straight line passes through the axis of the balance wheel and passes through the pivot axis of the second escapement wheel. The invention also relates to a timepiece movement comprising such a natural escapement.

IPC 8 full level

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