

Title (en)

TIMEPIECE ESCAPEMENT MECHANISM

Title (de)

ANKERMECHANISMUS FÜR EIN UHRWERK

Title (fr)

MECANISME D'ECHAPPEMENT HORLOGER

Publication

**EP 3818417 A2 20210512 (FR)**

Application

**EP 19730836 A 20190620**

Priority

- EP 18181276 A 20180702
- EP 18209214 A 20181129
- EP 2019066323 W 20190620

Abstract (en)

[origin: WO2020007619A2] Disclosed is an escapement mechanism (1) for a timepiece, designed to cooperate with an oscillator arranged to carry out oscillations, said mechanism (1) comprising: - a count wheel (7) arranged for step-wise forward rotation depending on the oscillations of the oscillator; - an impulse wheel (11) designed to be kinematically linked to a power source, said impulse wheel (11) being arranged to be periodically blocked and released under the control of the count wheel (7) and to supply impulses to the oscillator, characterized in that: - when said escapement mechanism (1) is operating, the count wheel (7) is continuously subjected to a torque; - and the count wheel (7) is arranged to rotate forward by one half-step of its toothing for every vibration of the oscillator.

IPC 8 full level

**G04B 15/02** (2006.01)

CPC (source: EP US)

**G04B 15/02** (2013.01 - EP US); **G04B 15/10** (2013.01 - US); **G04B 15/14** (2013.01 - US)

Citation (search report)

See references of WO 2020007619A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020007619 A2 20200109; WO 2020007619 A3 20200514;** EP 3818417 A2 20210512; US 11988993 B2 20240521;  
US 2021141340 A1 20210513

DOCDB simple family (application)

**EP 2019066323 W 20190620;** EP 19730836 A 20190620; US 201917256687 A 20190620