

Title (en)
TIMEPIECE MECHANISM FOR DISPLAYING AT LEAST A SINGLE INDICATION OF THE TIME AND TIMEPIECE COMPRISING SUCH A MECHANISM

Title (de)
UHRWERKMECHANISMUS ZUR ANZEIGE VON MINDESTENS EINER EINZIGEN ZEITANZEIGE UND UHRWERK MIT EINEM SOLCHEN MECHANISMUS

Title (fr)
MÉCANISME HORLOGER D' AFFICHAGE D' AU MOINS L 'INDICATION DE L' HEURE UNIQUE ET PIECE D' HORLOGERIE COMPRENANT UN TEL MÉCANISME

Publication
EP 4080292 B1 20231108 (FR)

Application
EP 21170065 A 20210423

Priority
EP 21170065 A 20210423

Abstract (en)
[origin: US2022342369A1] A horological mechanism including a barrel drum mounted pivotally free around a barrel shaft, a barrel spring being housed inside the barrel drum, this barrel spring including a first external coil wherein it is attached to the barrel drum, and a last internal coil, the barrel spring being attached to the barrel shaft, the winding of the barrel spring being done by a winding rod which meshes with the barrel drum, a barrel ratchet being fixedly mounted on the barrel shaft, the horological mechanism also including a finishing geartrain which includes a first finishing wheel with which the barrel ratchet meshes and which transmits a driving force from the barrel drum to an escapement mobile the purpose of which is to maintain the oscillations of a regulating member which, by its oscillations, regulates the rate of the horological mechanism.

IPC 8 full level
G04B 19/02 (2006.01); **G04B 33/10** (2006.01)

CPC (source: CN EP US)
G04B 1/14 (2013.01 - CN); **G04B 1/16** (2013.01 - CN US); **G04B 15/14** (2013.01 - US); **G04B 19/02** (2013.01 - EP US); **G04B 33/10** (2013.01 - EP)

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

DOCDB simple family (publication)
EP 4080292 A1 20221026; EP 4080292 B1 20231108; CN 115327878 A 20221111; CN 115327878 B 20240503; JP 2022167770 A 20221104; JP 7233573 B2 20230306; US 2022342369 A1 20221027

DOCDB simple family (application)
EP 21170065 A 20210423; CN 202210133537 A 20220209; JP 2022000848 A 20220106; US 202217646900 A 20220104