

Title (en)
CLOCK MECHANISM

Title (de)
UHRWERKSMECHANISMUS

Title (fr)
MÉCANISME D'HORLOGERIE

Publication
EP 3410232 B1 20210721 (FR)

Application
EP 17173323 A 20170529

Priority
EP 17173323 A 20170529

Abstract (en)
[origin: CN108931912A] The invention proposes a clockwork mechanism comprising: a rod (1) rotatable about a rod axis (X), the angular position of the rod representing the first value, the zero value of the first value corresponding to the reference direction, the sliding member (4), Mounted in translational movement on the rod in a direction substantially perpendicular to the axis of the rod and including a guiding marker element, the trajectory of the guiding marker element with respect to the rod translation intersecting the rod axis, the radial positional representation of the guiding marker element relative to the rod axis a second value, an output device formed by a deformable parallelogram in a plane perpendicular to the axis of the rod, the parallelogram comprising a first side (AB) and a first side that are fixed relative to the axis of the rod and perpendicular to the reference direction translatably coupled to a second side (CD) of the guiding marker element in a direction perpendicular to the reference direction, wherein the angular position of the third and fourth sides of the parallelogram adjacent to the first side is substantially the same The value is proportional to the product of the second value.

IPC 8 full level
G04B 13/00 (2006.01); **G04B 19/26** (2006.01); **G06G 3/04** (2006.01)

CPC (source: CN EP US)
G04B 13/001 (2013.01 - EP US); **G04B 19/26** (2013.01 - CN US); **G04B 19/262** (2013.01 - EP US); **G04B 19/266** (2013.01 - CN EP US); **G06G 3/04** (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 3410232 A1 20181205; EP 3410232 B1 20210721; CN 108931912 A 20181204; CN 108931912 B 20201127; JP 2018200311 A 20181220; JP 6533850 B2 20190619; US 10599099 B2 20200324; US 2018341227 A1 20181129

DOCDB simple family (application)
EP 17173323 A 20170529; CN 201810528625 A 20180529; JP 2018097674 A 20180522; US 201815968830 A 20180502