

Title (en)

SYSTEM FOR LOCKING A CONTROL ELEMENT OF A TIMEPIECE

Title (de)

VERRIEGELUNGSSYSTEM EINES STEUERELEMENTS EINER UHR

Title (fr)

SYSTÈME DE VERROUILLAGE D'UN ÉLÉMENT DE COMMANDE D'UNE PIÈCE D'HORLOGERIE

Publication

EP 3557336 A1 20191023 (FR)

Application

EP 18168555 A 20180420

Priority

EP 18168555 A 20180420

Abstract (en)

[origin: US2019324405A1] A watch case having a locking system for at least one control element of a timepiece, the locking system including a manipulable element, a locking element for the at least one control element, and a kinematic link linking the manipulable element to the locking element, the locking system being arranged on the outside of a chamber (63), more particularly on the outside of a water-resistant chamber, defined by the case, the locking element being rotatably mounted, more particularly rotatably mounted about a second axis (A1) of the at least one control element.

Abstract (fr)

Boîte (150) de montre comprenant un système (100) de verrouillage d'au moins un élément de commande (1) d'une pièce d'horlogerie (200), le système de verrouillage comprenant :- un élément manipulable (3), - un élément de verrouillage (2) de l'au moins un élément de commande, et une liaison cinématique (2a, 3a) reliant l'élément manipulable à l'élément de verrouillage, le système de verrouillage étant agencé à l'extérieur d'une chambre (63), notamment à l'extérieure d'une chambre étanche, définie par la boîte.

IPC 8 full level

G04B 37/10 (2006.01); **G04B 3/04** (2006.01)

CPC (source: CN EP US)

G04B 3/043 (2013.01 - EP US); **G04B 37/081** (2013.01 - US); **G04B 37/10** (2013.01 - US); **G04B 37/103** (2013.01 - CN EP); **G04B 37/106** (2013.01 - CN EP); **G04C 3/12** (2013.01 - US)

Citation (applicant)

- CH 423638 A 19660715 - ROLEX MONTRES [CH]
- CH 704262 A1 20120629 - GUENAT SA MONTRES VALGINE [CH]
- EP 2399172 A1 20111228 - ROMANO MICHELE [IT]
- CH 700535 A1 20100915 - FRANCOISE SCHUERCH [CH], et al
- JP 2005337792 A 20051208 - SEIKO EPSON CORP
- US 2010128575 A1 20100527 - OKUDA HIDEKI [JP]

Citation (search report)

- [XA] EP 1777598 A1 20070425 - ROLEX SA [CH]
- [XDA] US 2010128575 A1 20100527 - OKUDA HIDEKI [JP]
- [A] CH 700818 B1 20101029 - SEIKO INSTR INC [JP]
- [A] EP 2477079 A2 20120718 - GUENAT SA MONTRES VALGINE [CH]

Cited by

EP4047423A1; US11822291B2

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)

EP 3557336 A1 20191023; **EP 3557336 B1 20220831**; CN 110389520 A 20191029; CN 110389520 B 20221206; JP 2019207223 A 20191205; JP 7221766 B2 20230214; US 11809139 B2 20231107; US 2019324405 A1 20191024

DOCDB simple family (application)

EP 18168555 A 20180420; CN 201910324448 A 20190422; JP 2019071778 A 20190404; US 201916373931 A 20190403