

## Title (en)

Holding and indexing device for timepieces

## Title (de)

Halte- und Indexierungsvorrichtung für Uhren

## Title (fr)

Dispositif de maintien et d'indexage pour pièces d'horlogerie

## Publication

**EP 2869136 A3 20160511 (DE)**

## Application

**EP 14189167 A 20141016**

## Priority

CH 18272013 A 20131030

## Abstract (en)

[origin: US2015117163A1] A holding and indexing device for integration in a setting device of timepieces, including a fixedly-attached bushing, an axially-displaceable and rotatable shaft mounted within the bushing, a transmission element attached to the shaft end directed into the interior of the timepiece and allowing the drive of a timepiece part in the interior, and a resilient element exerting a preload force in the axial direction of the shaft. The device additionally includes an indexing ring attached to the shaft in an axially-sliding manner and having an indexing toothing. The transmission element, on a side face directed towards the ring, includes a side toothing engaged with the indexing toothing due to the force of the resilient element. In at least one direction of rotation of the shaft, applying force onto the indexing ring causes disengagement of the indexing and side toothings, thus allowing a position indexing of the timepiece part.

## IPC 8 full level

**G04B 3/04** (2006.01); **G04B 19/18** (2006.01); **G04B 37/10** (2006.01)

## CPC (source: EP US)

**G04B 3/041** (2013.01 - EP US); **G04B 19/18** (2013.01 - EP US); **G04B 19/283** (2013.01 - US); **G04B 27/002** (2013.01 - US); **G04B 27/08** (2013.01 - US); **G04B 37/10** (2013.01 - EP US)

## Citation (search report)

- [X] CH 706221 A2 20130913 - CHEVAL FRERES SAS [FR]
- [A] CH 706232 A2 20130913 - MAURICE LACROIX SA [CH]
- [A] WO 2012168243 A1 20121213 - OMEGA SA [CH], et al
- [A] DE 2440248 A1 19750306 - SEIKO INSTR & ELECTRONICS

## Cited by

DE102016103607A1

## 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 2869136 A2 20150506**; **EP 2869136 A3 20160511**; **EP 2869136 B1 20171206**; CH 708755 A1 20150430; CN 104597738 A 20150506; CN 104597738 B 20180629; HK 1205566 A1 20151218; JP 2015087395 A 20150507; JP 6449619 B2 20190109; US 2015117163 A1 20150430; US 9588494 B2 20170307

## DOCDB simple family (application)

**EP 14189167 A 20141016**; CH 18272013 A 20131030; CN 201410596821 A 20141030; HK 15105922 A 20150622; JP 2014220077 A 20141029; US 201414526133 A 20141028