

Title (en)

Screw crown and method for orienting such a crown on a watch case

Title (de)

Kronrad zum Aufschrauben und Orientierungsverfahren eines solchen Kronrads auf einem Armbanduhrengehäuse

Title (fr)

Couronne à visser et procédé d'orientation d'une telle couronne sur une boîte de montre

Publication

**EP 2182417 A3 20100901 (FR)**

Application

**EP 09174003 A 20091026**

Priority

CH 17082008 A 20081031

Abstract (en)

[origin: EP2182417A2] The crown (10) has a first tube (20) kinematically connected to a movement of a time piece. A second tube (26) receives the first tube. A third tube (36) has an internal part (38) that assures its permanent fixation on a watch case (12), and an external part (40) directed towards a head (14). The third tube receives the first and second tubes, and has an indexing unit i.e. internal gear teeth (48), cooperating with another indexing unit i.e. toothed crown (30), of the second tube. A blocking unit i.e. nut, blocks displacement in translation, of the second tube with respect to the third tube. An independent claim is also included for a method for orienting a screwing crown.

IPC 8 full level

**G04B 37/10** (2006.01)

CPC (source: EP)

**G04B 37/103** (2013.01)

Citation (search report)

- [AD] WO 0140881 A1 20010607 - KS 22 S A [CH], et al
- [A] EP 1727005 A1 20061129 - PIBOR ISO S A [CH]
- [A] EP 1124167 A1 20010816 - BONINCHI SA [CH]

Cited by

EP2592500A1; KR20180015080A; ITMI20121860A1; CN103597412A; EP3805872A1; CN112631109A; CN103105768A; JP2013101122A; US9110444B2; EP3495896A1; US10228656B2; WO2012168243A1; WO2022018608A1; US8740451B2; EP3279745A1; US2018039229A1; CN107678268A; EP2385432A2; WO2011137544A2; WO2014067743A1; US8882342B2; US9317014B2

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DOCDB simple family (publication)

**EP 2182417 A2 20100505; EP 2182417 A3 20100901**; CH 699877 A1 20100514

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