

Title (en)

DEVICE FOR ADJUSTING FUNCTIONS OF A TIMEPIECE

Title (de)

VORRICHTUNG ZUR EINSTELLUNG VON FUNKTIONEN EINER UHR

Title (fr)

DISPOSITIF DE RÉGLAGE DE FONCTIONS D'UNE PIÈCE D'HORLOGERIE

Publication

**EP 3602202 A1 20200205 (FR)**

Application

**EP 18710826 A 20180308**

Priority

- CH 3682017 A 20170322
- EP 2018055775 W 20180308

Abstract (en)

[origin: WO2018172093A1] The present invention relates to a device for adjusting functions of a timepiece, the device being equipped with a selection and actuation mechanism comprising - a drive member (9, 109) driving a driving pinion (1, 101) in a clockwise and in a counterclockwise direction, - at least one driven pinion (2, 3, 102, 103) that is driven when the driving pinion (1, 101) rotates clockwise and counterclockwise, said driven pinion (2, 3, 102, 103) taking up a first position under the effect of the driving pinion (1, 101) rotating clockwise, said driven pinion (2, 3, 102, 103) actuating an actuation member (A, A') of a first timepiece function in said first position, and taking up a second position under the effect of the driving pinion (1, 101) rotating counterclockwise, said driven pinion (2, 3, 102, 103) actuating an actuation member (1, 101) of a second timepiece function in said second position, said driven pinion (2, 3, 102, 103) not actuating the actuation member (A, A') of the first timepiece function when it is located in said second position and vice versa. The device for adjusting functions of a timepiece is distinguished by the fact that second selection and actuation mechanism comprises at least two driven pinions (2, 3, 102, 103), and that the adjusting device also comprises a control mechanism that causes the driving pinion (1, 101) to mesh selectively with each of the driven pinions (2, 3, 102, 103).

IPC 8 full level

**G04B 13/00** (2006.01); **G04B 19/25** (2006.01); **G04B 27/02** (2006.01)

CPC (source: CH EP US)

**G04B 3/04** (2013.01 - CH); **G04B 13/002** (2013.01 - EP US); **G04B 19/25** (2013.01 - EP US); **G04B 27/02** (2013.01 - EP US);  
**G04B 27/026** (2013.01 - CH); **G04B 3/04** (2013.01 - US)

Citation (search report)

See references of WO 2018172093A1

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)

**WO 2018172093 A1 20180927**; CH 713604 A1 20180928; CN 110419008 A 20191105; CN 110419008 B 20210907; EP 3602202 A1 20200205;  
EP 3602202 B1 20210505; JP 2020511650 A 20200416; JP 7076464 B2 20220527; US 11550267 B2 20230110; US 2020026242 A1 20200123

DOCDB simple family (application)

**EP 2018055775 W 20180308**; CH 3682017 A 20170322; CN 201880018673 A 20180308; EP 18710826 A 20180308;  
JP 2019550148 A 20180308; US 201816496447 A 20180308