

Title (en)

TRAIN WHEEL SETTING MECHANISM, TIMEPIECE MOVEMENT, AND TIMEPIECE

Title (de)

RÄDERWERKEINSTELLMCHANISMUS, UHRWERK UND UHR

Title (fr)

MÉCANISME DE RÉGLAGE DE MODULE DE TRANSMISSION, MOUVEMENT DE PIÈCE D'HORLOGE ET PIÈCE D'HORLOGE

Publication

EP 3792701 A1 20210317 (EN)

Application

EP 20195523 A 20200910

Priority

JP 2019166504 A 20190912

Abstract (en)

A train wheel setting mechanism capable of preventing reduction in a design margin of a timepiece movement is provided. The train wheel setting mechanism includes a balance with hairspring 51 and a center wheel and pinion 32, a train wheel setting lever 71 that is provided so as to be capable of contacting with and separating from the balance with hairspring 51 and operates in conjunction with a winding stem, a main plate 10 supporting the balance with hairspring 51 and the center wheel and pinion 32, and a center wheel bridge 12 that supports the center wheel and pinion 32 with the main plate 10, and also supports the train wheel setting lever 71.

IPC 8 full level

G04B 27/00 (2006.01)

CPC (source: CN EP)

G04B 19/02 (2013.01 - CN); **G04B 27/004** (2013.01 - EP)

Citation (applicant)

JP 2006234677 A 20060907 - SEIKO INSTR INC

Citation (search report)

- [XA] CH 706108 A2 20130830 - SOPROD SA [CH]
- [XAI] FR 2168453 A1 19730831 - TIMEX CORP [US]
- [A] JP 2017161511 A 20170914 - SEIKO INSTR INC

Cited by

EP4163736A1

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 3792701 A1 20210317; CN 112486005 A 20210312; CN 112486005 B 20240312; JP 2021043111 A 20210318; JP 7299115 B2 20230627

DOCDB simple family (application)

EP 20195523 A 20200910; CN 202010952229 A 20200911; JP 2019166504 A 20190912