

Title (en)

TIMEPIECE REGULATING MEMBER COMPRISING A REGULATOR ASSEMBLY PROVIDED WITH LOCKING MEANS

Title (de)

REGULIERORGAN FÜR UHR, DAS EINE RÜCKERVORRICHTUNG UMFASST, DIE MIT VERRIEGELUNGSMITTELN AUSGESTATTET IST

Title (fr)

ORGANE RÉGLANT D'HORLOGERIE COMPRENANT UN SYSTÈME DE RAQUETTERIE MUNI DE MOYENS DE VERROUILLAGE

Publication

EP 4286962 A1 20231206 (FR)

Application

EP 23167376 A 20230411

Priority

- EP 22177059 A 20220602
- EP 22215645 A 20221221

Abstract (en)

[origin: CN220064632U] The utility model relates to a speed regulating mechanism (40) used for a clock movement, the speed regulating mechanism (40) comprises an inertia mass body such as a balance wheel (23), a balance spring (25) and a fast and slow pointer assembly system (60) used for regulating travel time difference of the balance spring (25), the fast and slow pointer assembly system (60) comprises an outer pile holder (51), the outer pile holder (51) comprises a first part (52) and a second part (53), the first part (52) is movable relative to the second part (53), characterized in that the speed regulation mechanism (40) comprises locking means configured to stop the second part (33) of the stud holder (51) in a position relative to the plate (21) of the timepiece movement. The utility model also relates to a clock movement comprising the speed regulating mechanism, and a clock comprising the clock movement.

Abstract (fr)

L'invention se rapporte à un organe réglant (40) pour mouvement d'horlogerie comprenant une masse inertielle, par exemple un balancier (23), un ressort-spiral (25), et un système de raquetterie (60) pour ajuster la marche du ressort-spiral (25), le système de raquetterie (60) comprenant un porte-pitons (51) comprenant une première partie (52) et une deuxième partie (53), la première partie (52) étant mobile par rapport à la deuxième partie (53), caractérisé en ce que l'organe réglant (40) comprend des moyens de verrouillage configurés pour bloquer la deuxième partie (33) du porte-pitons (51) dans un positionnement par rapport à une platine (21) du mouvement.

IPC 8 full level

G04B 17/32 (2006.01); **G04B 18/06** (2006.01)

CPC (source: EP KR US)

G04B 17/063 (2013.01 - US); **G04B 17/32** (2013.01 - KR); **G04B 17/325** (2013.01 - EP); **G04B 17/34** (2013.01 - US);
G04B 18/006 (2013.01 - US); **G04B 18/026** (2013.01 - US); **G04B 18/06** (2013.01 - EP)

Citation (applicant)

- EP 3304215 A1 20180411 - ETA SA MFT HORLOGERE SUISSE [CH]
- EP 2876504 A1 20150527 - ETA SA MANUFACTURE HORLOGÈRE SUISSE [CH]
- EP 4009115 A1 20220608 - OMEGA SA [CH]

Citation (search report)

- [XA] CH 521620 A 19711231 - GLOCKER PAUL LEO [CH]
- [X] GB 927464 A 19630529 - PARECHOC SA
- [X] CH 717088 A2 20210730 - SEIKO WATCH KK [JP]
- [A] CH 716084 A2 20201015 - VIANNEY HALTER [FR]
- [A] CH 714791 A1 20190930 - HUBLOT SA GENEVE [CH]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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KR 20230167736 A 20231211; US 2023393526 A1 20231207; US 2023393527 A1 20231207

DOCDB simple family (application)

EP 23167376 A 20230411; CN 202310606348 A 20230526; CN 202321304309 U 20230526; JP 2023085922 A 20230525;
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