

Title (en)  
TIMEPIECE ADJUSTING MACHINE AND METHOD FOR ADJUSTING

Title (de)  
MASCHINE ZUR EINSTELLUNG EINES UHRWERKS UND EINSTELLUNGSVERFAHREN

Title (fr)  
MACHINE REGLANTE D'HORLOGERIE ET PROCEDE DE REGLAGE

Publication  
**EP 3885846 A1 20210929 (FR)**

Application  
**EP 20166287 A 20200327**

Priority  
EP 20166287 A 20200327

Abstract (en)  
[origin: CN113448241A] A setting machine (1000) for making a setting and/or adjustment on an assembly (1) attached to a receptacle (10), including a positioning module (100) to move this receptacle (10) on command from control means (3000) to convey it into a setting and/or adjustment position below an acquisition module (200), which includes measuring and/or testing means for determining the spatial position of the receptacle (10), and including a setting and/or adjustment module (400) for making a setting and/or an adjustment with motorised axes for moving, opening and closing, in a clamp plane perpendicular to a clamp rotation direction (DF, DG), a clamp (600) arranged to drive or deform a mobile component or a component included in such an assembly (1) borne by a receptacle (10), and method for using such a setting machine for setting and/or adjusting at least one horological component.

Abstract (fr)  
Machine réglante (1000) d'horlogerie pour réglage et/ou ajustement sur un ensemble (1) fixé sur un réceptacle (10), comportant un module de positionnement (100) pour mouvoir ce réceptacle (10) sur commande de moyens de pilotage (3000) pour l'amener dans une position de réglage et/ou d'ajustement sous un module d'acquisition (200), lequel comporte des moyens de mesure et/ou de contrôle pour déterminer la position dans l'espace du réceptacle (10), et comportant un module de réglage et/ou ajustement (400) pour effectuer un réglage et/ou un ajustement sur cet ensemble (1), et procédé d'utilisation d'une telle machine réglante pour le réglage et/ou l'ajustement d'au moins un composant horloger.

IPC 8 full level  
**G04D 7/12** (2006.01); **G04D 1/00** (2006.01); **G04D 7/00** (2006.01)

CPC (source: CN EP KR US)  
**G04B 1/22** (2013.01 - US); **G04B 17/063** (2013.01 - KR); **G04B 17/20** (2013.01 - US); **G04B 18/00** (2013.01 - KR); **G04B 18/026** (2013.01 - US); **G04D 1/00** (2013.01 - CN); **G04D 1/0021** (2013.01 - EP); **G04D 1/0078** (2013.01 - EP); **G04D 1/06** (2013.01 - KR); **G04D 7/00** (2013.01 - CN); **G04D 7/004** (2013.01 - EP); **G04D 7/10** (2013.01 - CN KR); **G04D 7/1264** (2013.01 - EP); **G04D 1/0021** (2013.01 - US); **G04D 7/00** (2013.01 - US)

Citation (applicant)  
EP 3486734 A1 20190522 - MONTRES BREGUET SA [CH]

Citation (search report)  
• [XA] EP 3572887 A1 20191127 - SWATCH GROUP RES & DEV LTD [CH]  
• [XA] EP 3422119 A2 20190102 - SWATCH GROUP RES & DEV LTD [CH]  
• [XA] THIERRY CONUS: "Swatch SISTEM51", 16 September 2015 (2015-09-16), XP055733993, Retrieved from the Internet <URL:HTTPS://BDCHRONO.SSC.CH/DOCUMENT/846430> [retrieved on 20200925]

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Designated extension state (EPC)  
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**EP 20166287 A 20200327**; CN 202110326324 A 20210326; JP 2021015458 A 20210203; KR 20210015569 A 20210203; US 202117143391 A 20210107