

Title (en)  
CONTROL DEVICE FOR A TIMEPIECE

Title (de)  
STEUERVORRICHTUNG FÜR EINE UHR

Title (fr)  
DISPOSITIF DE COMMANDE POUR UNE PIÈCE D'HORLOGERIE

Publication  
**EP 4174583 A1 20230503 (FR)**

Application  
**EP 22203740 A 20221026**

Priority  
CH 0704552021 A 20211027

Abstract (en)  
[origin: US2023129573A1] A control device (1) for a timepiece has: - a body (4) intended to be mounted to be able to rotate about an axis of rotation (X) in a case middle (2) of a timepiece in order to drive a mechanism of the timepiece, and: - a crown head (5) movable in translation with respect to the body, parallel to the axis of rotation, between a first position and a second position. The body has a first coupling means (46) and the crown head has a second coupling means (53), arranged so that when the crown head is in its first position, the body and the crown head are uncoupled, and when the crown head is in its second position, the body and the crown head are coupled, the control device further comprising a locking element (6), a first formation (47A) and a second formation (47B), the locking element being able to cooperate with the first formation to stabilize the crown head in its first position, and with the second formation to stabilize the crown head in its second position, the locking element being integral with or fixed to the crown head and the first and second formations being integral with or fixed to the body, or the locking element being integral with or fixed to the body and the first and second formations being integral with or fixed to the crown head.

Abstract (fr)  
Dispositif de commande (1) pour une pièce d'horlogerie, comprenant: - un corps (4) destiné à être monté mobile en rotation autour d'un axe de rotation (X) dans une carrure (2) d'une pièce d'horlogerie pour entraîner un mécanisme de la pièce d'horlogerie, et - une tête de couronne (5) mobile en translation par rapport audit corps, parallèlement à l'axe de rotation, entre une première position et une deuxième position, le corps comprenant un premier moyen d'accouplement (46) et la tête de couronne comprenant un deuxième moyen d'accouplement (53), lesdits premier et deuxième moyens d'accouplement étant agencés de sorte que lorsque la tête de couronne est dans sa première position, le corps et la tête de couronne sont désaccouplés et de sorte que lorsque la tête de couronne est dans sa deuxième position, le corps et la tête de couronne sont accouplés.

IPC 8 full level  
**G04B 3/04** (2006.01); **G04B 37/10** (2006.01)

CPC (source: CH EP US)  
**G04B 3/041** (2013.01 - CH EP); **G04B 3/045** (2013.01 - CH EP); **G04B 19/283** (2013.01 - US); **G04B 27/02** (2013.01 - CH); **G04B 37/066** (2013.01 - EP); **G04B 37/10** (2013.01 - EP); **G04B 37/103** (2013.01 - US); **G04B 3/04** (2013.01 - US)

Citation (search report)  
• [A] US 7360944 B2 20080422 - MOREL LAURENT [FR]  
• [A] US 3747329 A 19730724 - GOLAY J  
• [A] FR 2983979 A1 20130614 - CHEVAL FRERES [FR]  
• [A] FR 2993062 A1 20140110 - CHEVAL FRERES [FR]  
• [A] JP S5286447 U 19770628

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Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

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