

Title (en)

Clockwork provided with guide means of a control organ such as a stem.

Title (de)

Uhrwerk mit Führungsmittel eines Steuerungsorgans wie einer Welle.

Title (fr)

Mouvement d'horlogerie comportant des moyens de guidage d'un organe de commande, tel qu'une tige.

Publication

**EP 0563745 A1 19931006**

Application

**EP 93104721 A 19930323**

Priority

CH 107692 A 19920402

Abstract (en)

The present invention relates to a clockwork movement fitted with means for guiding a stem. This movement includes clockwork means (H) capable of providing a time indication and at least one control member (34) formed by the stem and intended to act on the clockwork means (H), this control member (34) being guided axially and/or in rotation by way of guiding means, this movement being furthermore characterised in that the said guiding means consist of three guiding pieces (38, 40, 42) mounted and held one on the other sandwiched to form between them a housing in which the control member (34) is received freely. <IMAGE>

Abstract (fr)

la présente invention concerne un mouvement d'horlogerie muni de moyens de guidage d'une tige. Ce mouvement comporte des moyens horométriques (H) capables de fournir une information horaire et au moins un organe de commande (34) formé par la tige et destiné à agir sur les moyens horométriques (H), cet organe de commande (34) étant guidé axialement et/ou en rotation par l'intermédiaire de moyens de guidage, ce mouvement étant en outre caractérisé en ce que lesdits moyens de guidage sont constitués par trois pièces de guidage (38, 40, 42) montées et maintenues l'une sur l'autre en sandwich pour former entre elles un logement dans lequel est reçu librement l'organe de commande (34). <IMAGE>

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Citation (search report)

- [A] CH 9012 A 18950315 - LANGENDORF HORLOGERIE [CH]
- [A] EP 0131858 A1 19850123 - EBAUCHESFABRIK ETA AG [CH]
- [A] CH 37042 A 19070430 - SANDOZ HENRI [CH]
- [A] CH 5616 A 18930215 - OBRECHT & CIE P [CH]
- [A] FR 2143676 A1 19730209 - SEIKO INSTR & ELECTRONICS

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