

Title (en)

Time zone timepiece comprising an alarm mechanism

Title (de)

Weltzeituhr mit Weckermechanismus

Title (fr)

Pièce d'horlogerie à fuseau horaire comprenant un mécanisme de réveil

Publication

EP 1396765 A1 20040310 (FR)

Application

EP 02078633 A 20020903

Priority

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Abstract (en)

The analogue clock mechanism includes an alarm mechanism for programming an alarm call time. It includes a system for adjusting the alarm call time in co-operation with a change in the time of the analogue display and time spindle. This ensures that on changing time zones, the alarm is correctly set with respect to the main time display. The mechanical or electromechanical clock mechanism provides an analogue display of the time using a time spindle, and includes an alarm mechanism for programming an alarm call time. It includes a system for adjusting the alarm call time in co-operation with a change in the time of the analogue display and time spindle. The link includes a gear system linking the time spindle to move the alarm mechanism. The time spindle gear includes a barrel carrying the hour hand (40) which drives a release hub (50) of the alarm mechanism. This linkage is made via a drive element (56). The hub has three apertures in which three corresponding arms are located in order to link the drive element in rotation.

Abstract (fr)

La présente invention concerne une pièce d'horlogerie mécanique ou électromécanique fournissant une information analogique de l'heure d'un fuseau horaire et comprenant un mécanisme de réveil permettant de programmer une heure de réveil, caractérisée en ce qu'elle comprend des moyens pour régler le mécanisme de réveil en concordance avec un changement de l'heure de fuseau horaire. <IMAGE>

IPC 1-7

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- [X] US 5631878 A 19970520 - CHEN EDDIE Z [US]
- [E] EP 1291738 A1 20030312 - ATOP PREC IND LTD [TW]

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