

Title (en)
DEVICE COMPRISING A MOVEMENT FOR A TIMEPIECE AND A CHRONOGRAHIC MODULE

Title (de)
VORRICHTUNG MIT UHRWERK UND CHRONOGRAPHENMODUL

Title (fr)
DISPOSITIF COMPORTANT UN MOUVEMENT HORAIRE ET UN MODULE CHRONOGRAPHE

Publication
EP 1470452 B1 20051026 (FR)

Application
EP 03700289 A 20030127

Priority
• EP 03700289 A 20030127
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• EP 02405063 A 20020201

Abstract (en)
[origin: EP1333345A1] A device comprises a base movement (MB) for a timepiece the time display of which is driven by a first barrel connected to a first mechanism and a first regulator and an autonomous chronographic module the time display of which is driven by a second barrel independent of the first and connected to a second mechanism and a second regulator. The chronographic module is exclusively comprised of mechanical components. The oscillation frequency provided by the regulator thereof is equal to N times the oscillation frequency for the regulator of the base movement, the coefficient N being able to be defined as a function of a specific application for the chronograph, such that any chronographic module as previously defined may co-operate with the same base movement. The chronograph regulator is constantly engaged with the corresponding mechanism. The chronograph module permits the reading of a time interval with a minimum precision of one hundredth of a second. The base movement body and that of the chronographic module are arranged such that in the assembled state the overall height and diameter do not exceed 7.75 mm and 30 mm respectively, the dimensions of just the chronograph are not greater than 4 mm (height) and 30 mm (diameter) when the elements thereof are mounted on a baseplate such that the device may be advantageously integrated in the case of a watch bracelet and thus permit an aesthetic fitting.
[origin: EP1333345A1] The timepiece consists of a basic timekeeper (MB) with a wholly mechanical chronograph (MCA) secured on top by locating pins. The chronograph has a separate barrel (22) and regulator with balance wheel (23) and is actuated by a push button rod (1A). The rate of oscillation of the chronograph regulator is N times that of the timekeeper regulator and the value is chosen to suit a particular application.

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IPC 8 full level
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CPC (source: EP US)
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