

Title (en)
Quartz clock.

Title (de)
Quarzuhr.

Title (fr)
Montre à quartz perfectionnée.

Publication
EP 0099308 A1 19840125 (FR)

Application
EP 83420110 A 19830630

Priority
FR 8212048 A 19820706

Abstract (en)
[origin: US4511260A] Watch constituted by a quartz mechanism, in which the mechanism does not rest on the bottom of the case and comprises a watch time-setting system by electrical contact between the positive pole of a battery and the negative pole of an electronic module containing the time-setting program. The rear face of the mechanism comprises means directed so as to face the bottom of the watch case, and make an electrical contact between the two said poles. The bottom of the watch case is produced from a semi-rigid material having a thickness that decreases progressively for its entire length from the case periphery towards its center and increases close to the center to form a projection. The bottom is capable of becoming elastically deformed under a force, so that, the effect of said force exerted on the bottom, actuates the means designed to make a contact between said two poles, for setting the mechanism to the right time.

Abstract (fr)
Montre constituée par un mouvement (1) à quartz, dans lequel le mouvement (1) ne repose pas sur le fond (25) du boîtier (20) et comporte un système de remise à l'heure par contact électrique entre le pôle positif (11) d'une pile et le pôle négatif (7) d'un module électronique contenant le programme de remise à l'heure, caractérisée en ce que: - d'une part, le fond (25) du boîtier monobloc (20) est réalisé en un matériau semi-rigide apte à se déformer élastiquement; - et d'autre part, en ce que la face arrière du mouvement (1) comporte un moyen (10) dirigé vers le fond (25) destiné, à établir le contact entre les deux pôles (7) et (11).

IPC 1-7
G04C 3/00

IPC 8 full level
G04C 3/00 (2006.01); **G04C 10/00** (2006.01); **G04G 1/00** (2006.01); **G04G 1/02** (2006.01); **G04G 21/00** (2010.01); **G04G 99/00** (2010.01)

CPC (source: EP US)
G04C 3/001 (2013.01 - EP US)

Citation (search report)
• [Y] FR 2350633 A1 19771202 - VERNERET JACQUES [FR]
• [A] FR 2011390 A1 19700227 - UNITED STATES TIME CORP
• [A] CH 015622 B
• [Y] PATENTS ABSTRACTS OF JAPAN, vol. 6, no. 62(P-111)(940), 21 avril 1982 & JP - A - 57 3070 (CITIZEN TOKEI K.K.) 08-01-1982

Cited by
SG109448A1; EP0807872A1; FR2748828A1; EP0312857A1; US4956827A; WO8910585A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0099308 A1 19840125; FR 2530045 A1 19840113; JP S5920191 U 19840207; US 4511260 A 19850416

DOCDB simple family (application)
EP 83420110 A 19830630; FR 8212048 A 19820706; JP 10522683 U 19830706; US 51076983 A 19830705