

Title (en)

Method for opening a watch case and device for implementing this method

Title (de)

Verfahren zum Öffnen eines Uhrengehäuses und Vorrichtung zur Durchführung dieses Verfahrens

Title (fr)

Procédé pour ouvrir une boîte de montre et appareil pour la mise en oeuvre de ce procédé

Publication

**EP 0560220 B1 19951213 (FR)**

Application

**EP 93103538 A 19930305**

Priority

CH 73992 A 19920309

Abstract (en)

[origin: US5355571A] In order to open the watch case (1) by extraction of the crystal (2) such case is secured in an enclosure (3) after its stem and crown have been removed. Next, a suction cup (4) is applied to the crystal, such suction cup being maneuverable from outside the enclosure by means of a handle (40). By means of a pump controlled by a lever (37) the enclosure is subjected to a predetermined overpressure, following which a pulling force (A) is exerted on the suction cup until extraction of the crystal. The overpressure being the same at both the exterior and interior of the case, no displacement of air is brought about and hence no damage to the watch mechanism when the crystal is separated from the case.

IPC 1-7

**G04D 1/10**

IPC 8 full level

**G04D 3/00** (2006.01); **G04D 1/10** (2006.01)

CPC (source: EP US)

**G04D 1/10** (2013.01 - EP US); **Y10T 29/49579** (2015.01 - EP US); **Y10T 29/49815** (2015.01 - EP US); **Y10T 29/49998** (2015.01 - EP US); **Y10T 29/5347** (2015.01 - EP US)

Citation (examination)

- US 3074156 A 19630122 - CHRISTIAN HINRICHSSEN EJNER, et al
- CH 376437 A 19631214 - MORF ERNEST [CH]

Cited by

DE29604969U1; US10393369B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**US 5355571 A 19941018**; CH 682200 B5 19940215; CH 682200G A3 19930813; DE 69300992 D1 19960125; DE 69300992 T2 19960801; EP 0560220 A1 19930915; EP 0560220 B1 19951213; JP H0611579 A 19940121

DOCDB simple family (application)

**US 2445593 A 19930301**; CH 73992 A 19920309; DE 69300992 T 19930305; EP 93103538 A 19930305; JP 7280093 A 19930309