

Title (en)
WATCH CASE

Publication
EP 0098240 B1 19860903 (FR)

Application
EP 83810227 A 19830601

Priority
CH 358382 A 19820610

Abstract (en)
[origin: US4473306A] A crystal (1) of a wristwatch case contains a sapphire base plate (2) which, in front view, entirely covers the body (3) of the case. That plate (2) is in turn entirely covered by a second sapphire plate (4) which is glued (5) to plate (2) very rigidly. The crystal (1) is fastened to the body (3) by screws engaged from the back side of the body (3) in sockets (7), a head (9) of which is captured between the two plates (2, 4) of the crystal (1). The position of the sockets (7) is exactly determined by a conical seat (10) of housings hollowed out in plate (2), at the bottom of which rests the conical head (9) of the sockets (7). Flats (14) are formed on the heads (9), so that the glue forms packings (15) preventing the sockets (7) from turning while screwing the crystal (1). The upper face (6) of the square (3) and the heads (9) of the sockets (7) are masked by a metal coating (12) deposited by vacuum spraying on the other side of plate (4). The crystal (1) is, furthermore, decorated with semicylindrical colored sapphire baguettes (16) glued in corresponding grooves (19) of plate (4).

IPC 1-7
G04B 39/00; **G04B 47/04**

IPC 8 full level
G04B 39/02 (2006.01); **G04B 39/00** (2006.01); **G04B 45/00** (2006.01); **G04B 47/04** (2006.01)

CPC (source: EP US)
G04B 39/006 (2013.01 - EP US); **G04B 47/042** (2013.01 - EP US)

Cited by
DE102016222905B4; DE102017201676B4; CH670185GA3; EP0573958A1; DE102015204613B4; CH683738GA3; EP1785785A3; EP0277510A1; CH666981GA3; US10067476B2; US11378919B2; EP0814388A1; CH690521A5; ITMI20131343A1; CN105393174A; RU2657410C2; DE102017201676A1; WO2015019282A3; WO2016146204A1; WO2021224116A1; WO2018091309A1; WO2021224117A1; US9952559B2

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