

Title (en)

Watch case with a composite middle

Title (de)

Uhrengehäuse mit Multikomponenten-Mittelteil

Title (fr)

Boîtier de montre à carrure composite

Publication

EP 1906268 A1 20080402 (FR)

Application

EP 06020199 A 20060927

Priority

EP 06020199 A 20060927

Abstract (en)

The housing has a frame crossed by rods of winding/time setting crown (3) and push buttons (5a, 5b), base (6) and a bezel (7). The frame is formed of inner frame (10) made of metal e.g. steel or brass, and an outer frame (20) made of inorganic material e.g. ceramic, sapphire or natural/artificial stone. The frame (10) has an upper bushing (12) with an axial annular extension stopped on a peripheral shoulder of a lower bushing (14). Each bushing has peripheral radial extensions oriented towards exterior and blocking the outer frame with less clearance by screwing the bushings.

Abstract (fr)

La carrure comprend une carrure interne métallique (10) et une carrure externe (20) réalisée en un matériau minéral naturel ou synthétique tel que la céramique. La carrure interne (10) est elle-même composée d'une bague supérieure (12) et d'une bague inférieure (14) chaque bague comportant une extension périphérique radiale (13, 15) dont les portées en regard permettent le blocage mécanique de la carrure externe (20) par exemple par vissage des deux bagues (12, 14) l'une dans l'autre.

IPC 8 full level

G04B 37/00 (2006.01); **G04B 37/08** (2006.01); **G04B 37/22** (2006.01)

CPC (source: EP US)

G04B 37/0008 (2013.01 - EP US); **G04B 37/081** (2013.01 - EP US); **G04B 37/223** (2013.01 - EP US)

Citation (search report)

- [X] EP 0327829 A1 19890816 - CLAUDE GEORGES
- [X] EP 1321833 A1 20030625 - ETA SA MFT HORLOGERE SUISSE [CH]
- [A] CH 640995G A3 19840215

Cited by

CN104880936A; CN104880937A; EP3923088A1; US11960244B2; EP2275881A1; EP3985450A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1906268 A1 20080402; CN 101517494 A 20090826; CN 104090479 A 20141008; CN 104090479 B 20170322; EP 2069870 A2 20090617; EP 2069870 B1 20181121; JP 2010505091 A 20100218; JP 5086354 B2 20121128; US 2009245032 A1 20091001; US 7988350 B2 20110802; WO 2008037097 A2 20080403; WO 2008037097 A3 20080522

DOCDB simple family (application)

EP 06020199 A 20060927; CH 2007000439 W 20070905; CN 200780035819 A 20070905; CN 201410322799 A 20070905; EP 07800630 A 20070905; JP 2009529482 A 20070905; US 44343007 A 20070905