

Title (en)
Device for fixing a watch back cover onto the middle of the watch case

Title (de)
Vorrichtung zum Montieren des Bodens einer Uhr auf den Uhrmitttelteil

Title (fr)
Dispositif de fixation d'un fond sur une carrure d'une montre

Publication
EP 1760556 A1 20070307 (FR)

Application
EP 05019294 A 20050906

Priority
EP 05019294 A 20050906

Abstract (en)
The device has an intermediate element (10) to which a back (1) is connected and screwed on a watch middle (12). The back is pivoted relative to the intermediate element in order to be aligned with 12 hour-6 hour axis of the watch. The back has a circular arc shaped oblong recess (2) in which a ball (6) is housed. The ball cooperates with a stop (34) for driving in rotation the intermediate element until it reaches a locking position on the middle. A sealing device (14) is disposed between the back and the middle.

IPC 8 full level
G04B 37/00 (2006.01)

CPC (source: EP KR US)
G04B 37/00 (2013.01 - EP US); **G04B 37/0008** (2013.01 - EP KR US); **G04B 37/11** (2013.01 - EP KR US)

Citation (search report)

- [XA] CH 333257 A 19581015 - SANGIARD MAURICE [CH]
- [A] EP 1278108 A1 20030122 - SWATCH GROUP MAN SERV AG [CH]
- [A] CH 632375G A3 19821015

Cited by
JP2008046131A; CN110426943A; EP3796104A1; EP3796106A1; CN112540528A; US11630422B2; US11650547B2; EP3680729A1; US11698607B2

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 1760556 A1 20070307; AT E488790 T1 20101215; CN 101258451 A 20080903; CN 101258451 B 20100915; DE 602006018328 D1 20101230; EP 1927037 A2 20080604; EP 1927037 B1 20101117; HK 1125187 A1 20090731; JP 2009507233 A 20090219; JP 4943438 B2 20120530; KR 20080043318 A 20080516; US 2008225650 A1 20080918; US 8142069 B2 20120327; WO 2007028554 A2 20070315; WO 2007028554 A3 20070614

DOCDB simple family (application)
EP 05019294 A 20050906; AT 06791805 T 20060904; CN 200680032685 A 20060904; DE 602006018328 T 20060904; EP 06791805 A 20060904; EP 2006008596 W 20060904; HK 09101250 A 20090211; JP 2008529520 A 20060904; KR 20087004831 A 20080228; US 6596106 A 20060904