

Title (en)
Watch and casing method

Title (de)
Uhr und Einsetzverfahren

Title (fr)
Montre et procédé d'emboîtement

Publication
EP 1970779 A1 20080917 (FR)

Application
EP 08152818 A 20080317

Priority
CH 4242007 A 20070316

Abstract (en)
The watch has a casing element including casing rings (1, 2) permitting an electronic or mechanical movement (5) to be maintained in a middle (6). A frame (9) hides the movement partially, and is visible through a glass (8). The rings are superposed and compressed between a disc face (60) of the middle and a rib (71) that is connected to a back (7). An annular elastic seal (3) compresses the disc face between the rings, and another annular elastic seal (4) avoids infiltration of water between the back and the middle. An independent claim is also included for a method of casing a movement of a watch in a middle.

Abstract (fr)
Montre comportant deux cercles d'emboîtement superposés et comprimés entre une portion (60) de la carrure (6) et une portion (71) liée au fond amovible. Le mouvement est maintenu entre les deux cercles d'emboîtement. Un joint élastique annulaire (3) permet de compenser d'éventuelles différences de hauteur. Avantages: emboîtement rapide et robuste, sans brides ni vis.

IPC 8 full level
G04B 37/05 (2006.01); **G04B 37/08** (2006.01); **G04B 37/11** (2006.01)

CPC (source: EP)
G04B 37/05 (2013.01); **G04B 37/081** (2013.01); **G04B 37/11** (2013.01)

Citation (applicant)
• GB 1486059 A 19770914 - SUWA SEIKOSHA KK
• CH 331282 A 19580715 - OMEGA BRANDT & FRERES SA LOUIS [CH], et al
• DE 3100791 A1 19820805 - PORSCHE FERDINAND ALEXANDER [AT]
• CH 534674 A 19730315 - MERCK PATENT GMBH [DE]
• CH 564802 B5 19750731 - SUWA SEIKOSHA KK [JP]

Citation (search report)
• [A] GB 1486059 A 19770914 - SUWA SEIKOSHA KK
• [A] CH 564802 B5 19750731 - SUWA SEIKOSHA KK [JP]
• [A] CH 331282 A 19580715 - OMEGA BRANDT & FRERES SA LOUIS [CH], et al
• [A] DE 1718942 U 19560315 - RODI & WIENERBERGER AG [DE]
• [A] CH 534674 D
• [A] DE 3100791 A1 19820805 - PORSCHE FERDINAND ALEXANDER [AT]

Cited by
EP2328045A1; CN103348293A; EP2595007A1; US8870450B2; EP2458456A1; WO2012068696A2; US9342051B2

Designated contracting state (EPC)
CH DE FR IT LI

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1970779 A1 20080917; **EP 1970779 B1 20090909**; DE 602008000134 D1 20091022

DOCDB simple family (application)
EP 08152818 A 20080317; DE 602008000134 T 20080317