

Title (en)

CASING SUBASSEMBLY FOR A TIMEPIECE, WATCH OR JEWEL

Title (de)

UNTEREINHEIT ZUR VERKLEIDUNG EINER UHR, ARMBANDUHR ODER EINES SCHMUCKSTÜCKS

Title (fr)

SOUS-ENSEMBLE D'HABILLAGE POUR PIECE D'HORLOGERIE OU MONTRE OU BIJOU

Publication

EP 3796106 A1 20210324 (FR)

Application

EP 19198512 A 20190920

Priority

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Abstract (en)

[origin: CN112540528A] Disclosed is a sub-assembly (100) of external parts. The sub-assembly comprises a fastening part (3). The fastening part, a first component and a second component are coaxially arranged and compressing together a sealing and friction joint (9), and interposed therebetween. The fastening part axially limits the first component (1) to fix the first component and the second component. In an assembly position, the lower surface of the fastening part is located near the upper surface (28) of the second component (2). The fastening part comprises a lower concave and convex part (41) protruding axially to the second component (2) from the lower surface (38). The lower concave and convex part (41) is arranged to complementarily match a long groove (26) in a revolutionary mode included in the upper surface (28) or to protrude from the upper surface (28) of the second component (2) toward an angular lock part of an upper concave and convex part axially extending the fastening part. The long groove (26) is interrupted by the lock part (27) which limits angular stroke between the second component (2) and the fastening part within a certain range.

IPC 8 full level

G04B 37/08 (2006.01); **G04B 19/28** (2006.01)

CPC (source: CN EP US)

A44C 11/00 (2013.01 - CN); **G04B 19/283** (2013.01 - EP); **G04B 37/0008** (2013.01 - CN); **G04B 37/0041** (2013.01 - US); **G04B 37/005** (2013.01 - US); **G04B 37/08** (2013.01 - EP US); **G04B 37/087** (2013.01 - EP); **A44C 25/00** (2013.01 - US); **A44C 27/00** (2013.01 - US)

Citation (search report)

- [A] EP 1278108 A1 20030122 - SWATCH GROUP MAN SERV AG [CH]
- [A] EP 1760556 A1 20070307 - SWATCH GROUP MAN SERV AG [CH]
- [A] EP 3276187 A1 20180131 - OMEGA SA [CH]
- [A] CH 710451 A1 20160615 - RICHMONT INT SA [CH]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3796106 A1 20210324; **EP 3796106 B1 20220601**; CN 112540528 A 20210323; CN 112540528 B 20220225; JP 2021051063 A 20210401; JP 7018097 B2 20220209; US 11630422 B2 20230418; US 2021088974 A1 20210325

DOCDB simple family (application)

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