

Title (en)

STONE MOUNTED ON A SPRING ELEMENT

Title (de)

STEIN, DER AUF EIN FEDERELEMENT MONTIERT IST

Title (fr)

PIERRE MONTÉE SUR UN ÉLÉMENT RESSORT

Publication

EP 3099197 B1 20190925 (FR)

Application

EP 15702380 A 20150107

Priority

- EP 14153533 A 20140131
- EP 2015050172 W 20150107

Abstract (en)

[origin: WO2015113788A1] A crimping system (1) for a timepiece (6) or jewellery item comprising: a crimping support (3); a precious stone (2) mounted in or on the crimping support (3); and a flexible element (5) fastened to the crimping support (3) in such a way as to flexibly link the crimping support (3) to said item (6), such that the stone (2) can oscillate axially and radially relative to an axis of symmetry (15), following a movement of the item (6); the crimping system (1) further comprising a stop (18, 22) that is more rigid than the flexible element (5), the stop (18, 221, 241) being capable of cooperating with the crimping support (3), in such a way as to limit the range of axial and/or radial movement of the stone (2) when the latter oscillates. In particular, the crimping system (1) has the advantage, relative to the prior art, of allowing much easier and more reliable mounting of the stone (2) and of being better suited to the use of stones (2) of small dimensions.

IPC 8 full level

A44C 17/02 (2006.01); **G04B 47/04** (2006.01)

CPC (source: EP US)

A44C 17/0275 (2013.01 - EP US); **G04B 47/042** (2013.01 - EP US)

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

DOCDB simple family (publication)

EP 2901883 A1 20150805; CN 106163321 A 20161123; CN 106163321 B 20181009; EP 3099197 A1 20161207; EP 3099197 B1 20190925; HK 1209603 A1 20160408; JP 2017505665 A 20170223; JP 6513688 B2 20190515; US 2016327912 A1 20161110; US 9971308 B2 20180515; WO 2015113788 A1 20150806

DOCDB simple family (application)

EP 14153533 A 20140131; CN 201580006604 A 20150107; EP 15702380 A 20150107; EP 2015050172 W 20150107; HK 15110480 A 20151026; JP 2016549053 A 20150107; US 201515110453 A 20150107