

Title (en)

Method for mounting jewels in a clockwork piece and device for carrying out this method

Title (de)

Verfahren zum Einsetzen von Lagersteinen in einem Uhrwerkteil, sowie Vorrichtung zur Durchführung dieses Verfahrens

Title (fr)

Procédé de fixation de pierres dans une pièce d'un mouvement d'horlogerie et dispositif pour sa mise en oeuvre

Publication

**EP 1217471 B1 20090429 (FR)**

Application

**EP 00204480 A 20001213**

Priority

CH 24252000 A 20001213

Abstract (en)

[origin: US2002071349A1] The method consists in using a setting device for jewel holes or prismatic jewels including at least a reference plane, on which the jewel to be fixed is wedged, said plane including at least spatial positioning means for said jewel, such as studs or cavities. Once the jewel is set in place, it is secured to its housing by applying a laser beam to its edge, possibly with the addition of a fusible material.

IPC 8 full level

**G04D 3/04** (2006.01); **B23K 26/00** (2006.01); **G04B 19/10** (2006.01); **G04B 31/008** (2006.01); **G04B 31/06** (2006.01)

CPC (source: EP KR US)

**G04B 19/10** (2013.01 - EP US); **G04B 31/06** (2013.01 - EP US); **G04D 3/04** (2013.01 - EP KR US); **G04D 3/042** (2013.01 - EP US); **G04D 3/045** (2013.01 - EP US); **Y10T 29/23** (2015.01 - EP US)

Cited by

WO2008132135A3; US8317391B2

Designated contracting state (EPC)

CH DE LI

DOCDB simple family (publication)

**US 2002071349 A1 20020613**; **US 6698918 B2 20040302**; CH 702216 B1 20110531; CN 1262898 C 20060705; CN 1359038 A 20020717; DE 60042120 D1 20090610; EP 1217471 A1 20020626; EP 1217471 B1 20090429; HK 1047630 A1 20030228; HK 1047630 B 20070223; JP 2002257958 A 20020911; JP 4319367 B2 20090826; KR 100856651 B1 20080903; KR 20020046943 A 20020621

DOCDB simple family (application)

**US 1608801 A 20011212**; CH 24252000 A 20001213; CN 01145670 A 20011212; DE 60042120 T 20001213; EP 00204480 A 20001213; HK 02109186 A 20021218; JP 2001377056 A 20011211; KR 20010077995 A 20011211