

Title (en)

TIMEPIECE BARREL WITH TWISTED ARBOR

Title (de)

FEDERGEHÄUSE EINES UHRWERKS MIT VERDREHTER WELLE

Title (fr)

BARILLET D'HORLOGERIE A ARBRE VRILLE

Publication

**EP 3872576 B1 20240221 (FR)**

Application

**EP 20159421 A 20200225**

Priority

EP 20159421 A 20200225

Abstract (en)

[origin: US2021263471A1] A twisted arbour barrel (1), including a barrel drum (2) provided with a housing, a spring arranged in the housing of the barrel drum (2), an arbour (4) at least partially passing through the housing, the spring being compressed by rotation of the arbour in a first direction of rotation (12), the arbour (4) being provided with a protruding end (9) of the drum (2), a ratchet (3) arranged on the drum (2), the ratchet (3) being configured to allow the rotation of the arbour (4) in the first direction of rotation (12), the protruding end (9) passing through the ratchet (3) through an opening (14) cooperating by interlocking with the protruding end (9), the protruding end (9) of the arbour (4) having a twisted shape around its axis.

IPC 8 full level

**G04B 1/16** (2006.01)

CPC (source: CN EP US)

**G04B 1/16** (2013.01 - CN EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 3872576 A1 20210901; EP 3872576 B1 20240221**; CN 113376994 A 20210910; CN 113376994 B 20221209; JP 2021135291 A 20210913; JP 7116815 B2 20220810; US 11782386 B2 20231010; US 2021263471 A1 20210826

DOCDB simple family (application)

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