

Title (en)

Vertical clutch device for a timepiece

Title (de)

Vertikale Kupplungsvorrichtung für Uhr

Title (fr)

Dispositif d'embrayage vertical pour pièce d'horlogerie

Publication

**EP 2015145 B1 20130501 (FR)**

Application

**EP 07011353 A 20070611**

Priority

EP 07011353 A 20070611

Abstract (en)

[origin: US2008304370A1] Clutch device for timepiece, comprising first and second coaxial rotary mobile parts (1, 2) able to take up a relative axial coupled position in which a rotation of the first mobile part (1) gives rise to a rotation of the second mobile part (2), and a relative axial uncoupled position in which a rotation of the first mobile part (1) does not give rise to a rotation of the second mobile part (2), characterised in that is also comprises a friction element of viscoelastic material (30) intercalated between the mobile parts (1, 2) in order to transmit the rotation of the first mobile part (1) in the coupled position to the second mobile part (2).

IPC 8 full level

**G04B 11/00** (2006.01); **G04F 7/08** (2006.01)

CPC (source: EP US)

**G04B 11/008** (2013.01 - EP US); **G04F 7/0833** (2013.01 - EP US); **G04F 7/0847** (2013.01 - EP US); **G04F 7/0876** (2013.01 - EP US)

Cited by

EP3264198A1; CH717701A1; CH720479A1; EP3185081A1; EP2463986A1; WO2012010392A3; US10078310B2; EP3407143A1; US11262707B2; US11042123B2; EP4202577A1; WO2023119079A1

Designated contracting state (EPC)

CH DE GB LI

DOCDB simple family (publication)

**US 2008304370 A1 20081211**; **US 7712953 B2 20100511**; CN 101324782 A 20081217; EP 2015145 A1 20090114; EP 2015145 B1 20130501; HK 1123368 A1 20090612; JP 2008304469 A 20081218; JP 5247270 B2 20130724

DOCDB simple family (application)

**US 13679008 A 20080611**; CN 200810144614 A 20080606; EP 07011353 A 20070611; HK 09100946 A 20090203; JP 2008178426 A 20080611