

Title (en)

MEASURING DEVICE FOR A MECHANICAL WATCH

Title (de)

MESSVORRICHTUNG FÜR MECHANISCHE ARMBANDUHR

Title (fr)

DISPOSITIF DE MESURE POUR MONTRE MÉCANIQUE

Publication

EP 3812848 B1 20230705 (FR)

Application

EP 19204404 A 20191021

Priority

EP 19204404 A 20191021

Abstract (en)

[origin: US2021116870A1] A portable device, and related method, that allows the values of one or more parameters characterising the operation of a mechanical watch to be measured. The device is provided with a contact microphone including a contact piece and a piezoelectric element. The contact piece is brought into physical contact with the case of a watch during a measurement period. The device further includes a power source, such as a rechargeable or replaceable battery, a microprocessor, a memory, and a screen for displaying the values measured, preferably a touch-sensitive screen. Preferably, the dimensions of the device are of a same order of magnitude as the case of a wristwatch. The device may have the shape of a horological eyeglass.

IPC 8 full level

G04D 7/12 (2006.01)

CPC (source: CN EP US)

G04D 7/00 (2013.01 - CN); **G04D 7/006** (2013.01 - US); **G04D 7/1214** (2013.01 - EP)

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 3812848 A1 20210428; **EP 3812848 B1 20230705**; CN 112764341 A 20210507; CN 112764341 B 20221004; JP 2021067676 A 20210430; JP 6982154 B2 20211217; US 11372375 B2 20220628; US 2021116870 A1 20210422

DOCDB simple family (application)

EP 19204404 A 20191021; CN 202011131402 A 20201021; JP 2020159477 A 20200924; US 202017030954 A 20200924