

Title (en)

MECHANICAL STOP AND START SYSTEM FOR A FUNCTION, AND WATCH COMPRISING SUCH A SYSTEM

Title (de)

MECHANISCHES STOPP- UND STARTSYSTEM FÜR EINE FUNKTION UND UHR MIT EINEM SOLCHEN SYSTEM

Title (fr)

SYSTEME DE DEMARRAGE ET D'ARRET MECANIQUE D'UNE FONCTION ET MONTRE COMPORTANT UN TEL SYSTEME

Publication

EP 4121822 B1 20240501 (FR)

Application

EP 21711842 A 20210310

Priority

- CH 3402020 A 20200320
- EP 2021056102 W 20210310

Abstract (en)

[origin: WO2021185655A1] The present invention relates to a mechanical stop and start system for a function of a timepiece, comprising a mass, mounted so as to be able to move on a frame, between a first and a second end position, these being defined respectively by a first stop and a second stop, said mass moving in a bistable manner, under the effect of gravity, tensioning a spring between the first and second end positions, and relaxing said spring between the second and first end positions.

IPC 8 full level

G04B 45/00 (2006.01); **G04B 21/12** (2006.01); **G04F 7/08** (2006.01)

CPC (source: CH EP US)

G04B 5/08 (2013.01 - CH); **G04B 11/001** (2013.01 - CH); **G04B 11/005** (2013.01 - CH); **G04B 21/12** (2013.01 - EP);
G04B 45/0007 (2013.01 - EP); **G04B 45/0046** (2013.01 - EP); **G04F 7/065** (2013.01 - US); **G04F 7/0847** (2013.01 - EP);
G04F 7/0852 (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)

WO 2021185655 A1 20210923; CH 717249 A1 20210930; CN 115280248 A 20221101; EP 4121822 A1 20230125; EP 4121822 B1 20240501;
JP 2023518037 A 20230427; US 2023139184 A1 20230504

DOCDB simple family (application)

EP 2021056102 W 20210310; CH 3402020 A 20200320; CN 202180021080 A 20210310; EP 21711842 A 20210310;
JP 2022555637 A 20210310; US 202117911913 A 20210310