

Title (en)

INSTANTANEOUS DRIVE SYSTEM AND CHRONOGRAPH MECHANISM PROVIDED WITH SUCH A SYSTEM

Title (de)

SYSTEM ZUM SOFORTANTRIEB UND CHRONOGRAPHENMECHANISMUS, DER MIT EINEM SOLCHEN SYSTEM AUSGESTATTET IST

Title (fr)

MECANISME D'AFFICHAGE AVEC FONCTION DE REMISE A ZERO

Publication

**EP 3542223 B1 20220302 (FR)**

Application

**EP 17807783 A 20171117**

Priority

- EP 16199406 A 20161117
- EP 2017079695 W 20171117

Abstract (en)

[origin: WO2018091696A1] The invention relates to a display mechanism comprising a moving part (110) carrying, with conjoint rotary movement, a first wheel and a cam (112, 212) in a spiral arrangement, the mechanism taking on a first, active state in which the first wheel is rotated by a driving moving part, and a second, zero reset state in which it is no longer driven in order to allow it to return to a predefined position, associated with a predefined position of the display body, the display mechanism also comprising a touch probe (116, 216) that can cooperate with the edge of the cam (112, 212), the touch probe (116, 216) and the edge of the cam (112, 212) being arranged and dimensioned in such a way that the touch probe (116, 216) exerts on the cam (112, 212), in the second state, a restoring force having a non-radial component for bringing the first wheel into the predefined position thereof.

IPC 8 full level

**G04B 13/00** (2006.01); **G04B 19/02** (2006.01); **G04F 7/08** (2006.01)

CPC (source: EP US)

**G04B 13/003** (2013.01 - EP US); **G04B 19/025** (2013.01 - EP US); **G04F 7/0804** (2013.01 - EP US); **G04F 7/0866** (2013.01 - EP US); **G04F 7/0871** (2013.01 - US)

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 3324245 A1 20180523**; CN 110050236 A 20190723; EP 3542223 A1 20190925; EP 3542223 B1 20220302; JP 2020500312 A 20200109; JP 7042821 B2 20220328; US 11300927 B2 20220412; US 2019271948 A1 20190905; WO 2018091696 A1 20180524

DOCDB simple family (application)

**EP 16199406 A 20161117**; CN 201780075904 A 20171117; EP 17807783 A 20171117; EP 2017079695 W 20171117; JP 2019527157 A 20171117; US 201716461020 A 20171117