

Title (en)

PUSH-BUTTON ARRANGEMENT FOR AN ELECTRONIC OR ELECTROMECHANICAL WRISTWATCH

Title (de)

DRUCKKNOPF-ANORDNUNG FÜR EINE ELEKTRONISCHE ODER ELEKTROMECHANISCHE ARMBANDUHR

Title (fr)

DISPOSITIF DE BOUTON-POUSOIR POUR UNE MONTRE-BRACELET ÉLECTRONIQUE OU ÉLECTROMÉCANIQUE

Publication

EP 3185079 A1 20170628 (FR)

Application

EP 15201722 A 20151221

Priority

EP 15201722 A 20151221

Abstract (en)

[origin: US2017178834A1] A push-button arrangement includes an electronic plate. The push-button is of the type surface mounted on a flexible printed circuit sheet that is itself partially fixed to the electronic plate. A portion of the flexible printed circuit sheet that carries the push-button remains free and is folded around a peripheral edge of the electronic plate, such that the push-button extends substantially perpendicularly to the electronic plate and bears against a lateral surface of the electronic plate.

Abstract (fr)

Agencement de bouton-poussoir comprenant une platine électronique (18), le bouton-poussoir (30) étant du type monté en surface d'une feuille de circuit imprimé flexible (26) elle-même partiellement fixée sur la platine électronique (18), une portion (28) de la feuille de circuit imprimé flexible (26) qui porte le bouton-poussoir (30) restant libre et étant pliée autour d'un bord périphérique (20) de la platine électronique (18) de façon que le bouton-poussoir (30) s'étende sensiblement perpendiculairement à la platine électronique (18), en appui contre une surface latérale (22) de cette platine électronique (18).

IPC 8 full level

G04B 3/04 (2006.01); **G04B 37/10** (2006.01)

CPC (source: CN EP KR US)

G04B 3/048 (2013.01 - EP US); **G04B 37/106** (2013.01 - EP KR US); **G04C 3/007** (2013.01 - US); **G04G 17/00** (2013.01 - CN); **G04G 17/08** (2013.01 - KR); **G04G 21/08** (2013.01 - CN); **H01H 13/14** (2013.01 - KR US); **H01H 13/26** (2013.01 - KR); **H01H 13/52** (2013.01 - US)

Citation (search report)

- [I] EP 1519453 A1 20050330 - ASULAB SA [CH]
- [IA] FR 2196515 A1 19740315 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [I] EP 1566129 A2 20050824 - SEB SA [FR]
- [A] EP 0392307 A1 19901017 - EBAUCHESFABRIK ETA AG [CH]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3185079 A1 20170628; **EP 3185079 B1 20190821**; CN 107918272 A 20180417; CN 107918272 B 20200410; HK 1252472 A1 20190524; JP 2017116526 A 20170629; JP 6286005 B2 20180228; KR 20170074185 A 20170629; KR 20180088778 A 20180807; US 10068724 B2 20180904; US 2017178834 A1 20170622

DOCDB simple family (application)

EP 15201722 A 20151221; CN 201610974928 A 20161107; HK 18111780 A 20180913; JP 2016200674 A 20161012; KR 20160171714 A 20161215; KR 20180089065 A 20180731; US 201615284902 A 20161004