Title (en)

WATCH PROVIDED WITH A THERMOELECTRIC PUSH BUTTON

Title (de)

ARMBANDUHR, DIE MIT EINEM THERMOELEKTRISCHEN DRUCKKNOPF AUSGESTATTET IST

Title (fr)

MONTRE MUNIE D'UN POUSSOIR THERMOELECTRIQUE

Publication

EP 3339981 B1 20191106 (FR)

Application

EP 16205234 A 20161220

Priority

EP 16205234 A 20161220

Abstract (en)

[origin: CN108205252A] The invention relates to a device (AP) comprising: a housing (BT) having a cavity (CV) that is open to the exterior of the housing (BT); an electrical element (EL) positioned inside the housing (BT);an actuation system (SA) for actuating the electrical element (EL), comprising: a thermoelectric module (MT) including first and second electrically insulating plates (P1, P2), which plates are substantially parallel to one another and bear electrically conductive terminal blocks (SM), and semiconductive pillars (PL) that extend between the terminal blocks of the first electrically insulating plate and the terminal blocks of the second electrically insulating plate, the thermoelectric module (MT) being housed inside the cavity (CV) such that the second electrically insulating plate (P2) is positioned against walls (FD) of the cavity (CV) for location and the first electrically insulating plate (P1) is accessible from outside the housing (BT). Two conductive terminal blocks (SM) of the second electrically insulating plate (P2) are connected to an electronic transmission circuit (CT) of the electrical element (EL).

IPC 8 full level

G04C 3/00 (2006.01); **G04C 10/00** (2006.01)

CPC (source: CN EP US)

G04B 19/30 (2013.01 - CN); **G04C 3/001** (2013.01 - EP US); **G04G 21/08** (2013.01 - US)

Cited by

EP3591475A1; EP3591476A1; CN110676920A; US11378921B2; US11573535B2

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DOCDB simple family (publication)

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DOCDB simple family (application)

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