

Title (en)

WATCH CASE WITH CONTROL MEANS USING A ROTATING RING

Title (de)

ARMBANDUHRGEHÄUSE MIT STEUERUNG MITTELS DREHBAREM RING

Title (fr)

BOITE DE MONTRE AVEC MOLETTE DE COMMANDE

Publication

**EP 3440516 B1 20240117 (FR)**

Application

**EP 17803928 A 20171122**

Priority

- EP 16204651 A 20161216
- EP 2017080086 W 20171122

Abstract (en)

[origin: WO2018108472A1] A watch case (1) comprising a bezel (3) for controlling a function of the watch, to be handled by the user and movable in a recess (2) which is arranged to allow limited translational motion of a portion (30) of the bezel (3) in a radial direction of the case (1), counter to resilient return means (5) arranged to move this portion (30) away from the inside of the case (1); this recess (2) comprises a control detection means (7) detecting the presence of this portion (30) at the point closest to the centre of the case (1) when pressure is applied by a user, and arranged to activate or deactivate sensor means (8) which the case (1) comprises, close to the recess (2), and arranged to detect, when a rotational movement is imparted by the user to the bezel (3), the passage of transmitter means (9) which this bezel (3) comprises.

IPC 8 full level

**G04G 21/00** (2010.01); **G04C 3/00** (2006.01); **G04G 17/02** (2006.01)

CPC (source: EP KR US)

**G04C 3/004** (2013.01 - EP); **G04G 17/02** (2013.01 - EP US); **G04G 17/08** (2013.01 - KR); **G04G 21/00** (2013.01 - EP KR 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 3336618 A1 20180620**; CN 109313413 A 20190205; CN 109313413 B 20210323; EP 3440516 A1 20190213; EP 3440516 B1 20240117; JP 2019517663 A 20190624; JP 6694526 B2 20200513; KR 102151864 B1 20200904; KR 20190002628 A 20190108; US 11353829 B2 20220607; US 2019146422 A1 20190516; WO 2018108472 A1 20180621

DOCDB simple family (application)

**EP 16204651 A 20161216**; CN 201780036638 A 20171122; EP 17803928 A 20171122; EP 2017080086 W 20171122; JP 2018562204 A 20171122; KR 20187034550 A 20171122; US 201716097490 A 20171122