

Title (en)
PUSH-CROWN FOR A TIMEPIECE

Title (de)
DRÜCKERKRONE FÜR UHR

Title (fr)
COURONNE-POUSOIR POUR PIÈCE D'HORLOGERIE

Publication
EP 4006647 B1 20230510 (FR)

Application
EP 20209679 A 20201125

Priority
EP 20209679 A 20201125

Abstract (en)
[origin: US2022163921A1] The present invention relates to a crown-push-button (3) provided with a spring (10) disposed within a cage (11) integral in rotation with the movement of the head (4) of the crown-push-button (3), the spring (10) being arranged within the cage (11) so as to be rotated with the cage. The base (13c) of the spring cage is provided with cells (18) cooperating with protuberances (17) formed in a washer (14) disposed on the seat (6a) of the tube (6) of the crown-push-button, the rotation of the crown-push-button being then accompanied by a click as the protuberances (17) pass in the cells (18), which allows the user to ensure that the desired functions have been activated.

IPC 8 full level
G04C 3/00 (2006.01); **G04B 3/04** (2006.01)

CPC (source: CN EP US)
G04B 3/04 (2013.01 - CN EP); **G04B 3/043** (2013.01 - CN); **G04B 3/046** (2013.01 - US); **G04C 3/004** (2013.01 - EP US); **G04C 3/008** (2013.01 - EP); **G04G 21/08** (2013.01 - US)

Citation (examination)

- EP 3339966 B1 20200624 - ROLEX SA [CH]
- US 2010187074 A1 20100729 - MANNI JUKKA [FI]

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 4006647 A1 20220601; **EP 4006647 B1 20230510**; CN 114545755 A 20220527; JP 2022083966 A 20220606; JP 7186834 B2 20221209; US 11762335 B2 20230919; US 2022163921 A1 20220526

DOCDB simple family (application)
EP 20209679 A 20201125; CN 202111412058 A 20211125; JP 2021119358 A 20210720; US 202117369041 A 20210707