

Title (en)
MEMBER FOR CONTROLLING A PLURALITY OF FUNCTIONS OF A TIMEPIECE MOVEMENT

Title (de)
ELEMENT ZUR STEUERUNG MEHRERER FUNKTIONEN EINES UHRWERKS

Title (fr)
ORGANE DE COMMANDE DE PLUSIEURS FONCTIONS D'UN MOUVEMENT HORLOGER

Publication
EP 4295198 A1 20231227 (FR)

Application
EP 22700833 A 20220118

Priority
• CH 1502021 A 20210216
• EP 2022051007 W 20220118

Abstract (en)
[origin: WO2022175002A1] The present invention relates to a control member (1) of a plurality of different functions of a timepiece movement, the control member (1) comprising a crown (2) and a control stem (3) designed to be integral at least in rotation with the crown (2), the control stem (3) being integral in rotation with a first actuating device of a first function, the crown (2) being designed in order, in response to a pressure, to be movable in axial translation between a rest position and a depressed position in which a second function, separate from the first function, is actuated, and to return to its rest position when the pressure on the crown (2) ceases, the crown (2) also being designed to be, in the rest position, movable in axial rotation in at least one direction between at least one stable angular position and at least one actuating angular position so as to actuate, by rotation of the crown (2) in said direction, the first function via the rotation of the control stem (3). The control stem (3) is designed so as to likewise be integral in axial translation with the crown (2) so as to be movable in axial translation with the crown (2) during the movement of the crown (2) into its depressed position, and to be free in axial translation relative to the first actuating device, the control stem (3) being designed to cooperate with a second actuating device of the second function during the movement of the crown (2) into its depressed position in order to actuate the second function. The present invention also relates to a timepiece comprising at least one such control member.

IPC 8 full level
G04B 3/04 (2006.01); **G04B 27/00** (2006.01); **G04B 27/04** (2006.01); **G04B 27/06** (2006.01); **G04B 37/10** (2006.01)

CPC (source: CH EP US)
G04B 3/046 (2013.01 - CH EP US); **G04B 3/048** (2013.01 - EP); **G04B 27/004** (2013.01 - EP US); **G04B 27/06** (2013.01 - EP); **G04F 7/08** (2013.01 - CH US); **G04B 27/04** (2013.01 - EP); **G04B 37/106** (2013.01 - EP)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022175002 A1 20220825; CH 718356 A1 20220831; CN 116888540 A 20231013; EP 4295198 A1 20231227; JP 2024505828 A 20240208; US 2024077834 A1 20240307

DOCDB simple family (application)
EP 2022051007 W 20220118; CH 1502021 A 20210216; CN 202280015188 A 20220118; EP 22700833 A 20220118; JP 2023543388 A 20220118; US 202218261574 A 20220118