

Title (en)
CONTROL MECHANISM FOR A TIMEPIECE

Title (de)
STEUERVORRICHTUNG EINER UHR

Title (fr)
DISPOSITIF DE COMMANDE D'UNE PIÈCE D'HORLOGERIE

Publication
EP 4024137 B1 20230823 (FR)

Application
EP 20217969 A 20201231

Priority
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Abstract (en)
[origin: US2022206435A1] A timepiece includes a crown (4) housed in a cavity (10) provided in the case and open towards the outside, such as a cavity (10) in the side wall of the case (1) of a wristwatch, in the rest position of the crown (4). To bring the crown out of its rest position, the user rotates a rotary knurling-roller (5). The knurling-roller (5) is coupled to a tube (15) wherein is inserted a crown body (18) integral with the crown. The rotation of the knurling-roller actuates rotation as well as translation of the tube, which is linked only in translation to said cylinder (18). The tube displaces the crown in an axial direction without rotating the crown around its central axis (6). At least one control position of the crown and the rod can be reached, by rotating the knurling-roller (5) without having to manually pull the crown outwards.

IPC 8 full level
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CPC (source: CN EP US)
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