

Title (en)

WATCH PROVIDED WITH A ROTATING BEZEL WITH SYSTEM FOR LOCKING THE BEZEL PROVIDED WITH AN INTEGRATED HELIUM VALVE

Title (de)

ARMBANDUHR, DIE MIT EINEM DREHBAREN AUSSENRING MIT VERRIEGELUNGSSYSTEM DES AUSSENRINGS MIT EINEM INTEGRIERTEN HELIUMVENTIL AUSGESTATTET IST

Title (fr)

MONTRE POURVUE D'UNE LUNETTE TOURNANTE AVEC SYSTEME DE VERROUILLAGE DE LA LUNETTE MUNI D'UNE SOUPAPE A HELIUM INTEGREE

Publication

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Application

**EP 19732353 A 20190620**

Priority

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Abstract (en)

[origin: WO2020011512A1] The invention relates to a watch, the watch case of which comprises a middle (2) and a rotating bezel (3), provided with a bezel locking system. The system comprises a rotary crown (6) which is rigidly attached to a shaft (9), the latter being arranged in a radial hole (7) in the middle. By rotating the crown (6), the user can screw or unscrew the shaft with respect to the hole. The shaft comprises a frustoconical section (12) which interacts with a pin (21) mounted perpendicularly to the shaft, and biased towards the shaft by a spring (22). By screwing the shaft (9) into the hole (7), the frustoconical section pushes the pin into a receiving space (15) provided on the inner surface of the bezel (3), which locks the bezel. The unscrewing of the shaft (9) automatically disengages the pin (21) outside of the receiving space, by virtue of a return force exerted by the spring (22). According to a preferred embodiment, the crown incorporates a helium valve mechanism.

IPC 8 full level

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CPC (source: EP KR US)

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