

Title (en)
LOCKING DEVICE FOR A TIMEPIECE MECHANISM

Title (de)
VERRIEGELUNGSVORRICHTUNG FUER UHRWERKMECHANISMUS

Title (fr)
DISPOSITIF DE BLOCAGE POUR L'HORLOGERIE

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Application
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Abstract (en)
[origin: WO2018193365A1] The invention relates to a locking device (8) for a timepiece, comprising first and second movable portions (8a', 8a"; 8s, 8t) kinematically connected to each other, the first movable portion (8a'; 8s) comprising a drive device (8h), and the second movable portion (8a'; 8t) comprising a stop device (8i); a rotary drive member (8f) intended to rotate in a single direction and arranged to cooperate with the drive device (8h) to move the first movable portion (8a'; 8s) and, hence, the second movable portion (8a'; 8t), in alternate opposite directions; and a rotating locking member (8g) intended to be tensioned and arranged to cooperate with the stop device (8i) such that it is locked by the second movable portion (8a"; 8t) and released at predetermined times by the movements of the second movable portion (8a"; 8t). The first movable portion (8a'; 8s) has an opening (8d) with a closed contour receiving the rotary drive member (8f), the wall of the opening defining the drive device (8h). This wall follows, over substantially 360°, the path of a tip of the rotary drive member (8f) in a guide linked to the first movable portion (8a'; 8s) during the rotation of the rotary drive member (8f), in order to protect the locking device (8) against impacts.

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