

Title (en)
TOURBILLON

Title (de)
TOURBILLON

Title (fr)
TOURBILLON

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Application
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Abstract (en)
[origin: WO03048871A2] The invention relates to a tourbillon for a watch having a setting device for setting the hands of the watch. The tourbillon has a circular balance wheel (6) that can swivel about a swivel axis. In addition, an escapement is provided that consists of a pallet (8) and of an escape wheel (9), whereby the balance wheel (6) and the escapement are arranged on a base plate (1), and a balance wheel shaft of the balance wheel (6) is rotationally mounted with its one end on the base plate (1) and with its other end on a cage (5) that surrounds the balance wheel (6) like a basket. The cage (5) comprises, outside of the radially encircling periphery of the balance wheel (6), a number of interspaced pillars (3) fastened to the base plate (1) and forms, with the base plate (1), a rotating mount, which is connected in a fixed manner to the seconds drive of the watch and, with this drive, can be rotationally driven about a rotation axis (7) that is coaxial to the swivel axis. A stop device can be actuated by the setting device and the swiveling movement of the balance wheel (6) can be blocked by the stop device. The stop device has an approximately V-shaped double-arm spring (31), which can be moved out of a normal position while being radially displaced outside of the encircling movement path (32) of the pillars (3) and into a blocking position in which it can rest in a flexible manner against the radially encircling contour of the balance wheel (6) via contact areas (35 and 36) on both end areas of both of its spring arms (33 and 34) that are oriented in and counter to the encircling direction of the contour of the balance wheel (6).

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