

Title (en)
TOURBILLON

Title (de)
TOURBILLON

Title (fr)
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Publication
EP 1451647 B1 20080102 (DE)

Application
EP 02804189 A 20021122

Priority
• DE 10160287 A 20011207
• EP 0213107 W 20021122

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).

IPC 8 full level
G04B 17/28 (2006.01); **G04B 27/00** (2006.01)

CPC (source: EP US)
G04B 17/285 (2013.01 - EP US); **G04B 27/004** (2013.01 - EP US)

Cited by
CN112305893A; EP4296793A1; US11586147B2; US11604434B2; EP3770693A1; CN112305891A; EP3644134A1; FR3087906A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI

DOCDB simple family (publication)
WO 03048871 A2 20030612; WO 03048871 A3 20030918; AT E382883 T1 20080115; DE 10160287 A1 20030626; DE 50211483 D1 20080214; EP 1451647 A2 20040901; EP 1451647 B1 20080102; JP 2005512065 A 20050428; JP 4126015 B2 20080730; US 2004062149 A1 20040401; US 6846104 B2 20050125

DOCDB simple family (application)
EP 0213107 W 20021122; AT 02804189 T 20021122; DE 10160287 A 20011207; DE 50211483 T 20021122; EP 02804189 A 20021122; JP 2003549998 A 20021122; US 46742203 A 20030807