

Title (en)

Mechanism for attaching a balance-spring stud to a balance bridge and regulating device with balance-hairspring including such a mechanism

Title (de)

Befestigungsmechanismus eines Spiralklötzchen an eine Unruhbrücke, und Reguliervorrichtung mit Unruh-Spiralfeder, die einen solchen Mechanismus umfasst

Title (fr)

Mécanisme de fixation d'un piton à un pont de balancier et dispositif régulateur à balancier-spiral comprenant un tel mécanisme

Publication

EP 2887154 B1 20160720 (FR)

Application

EP 13199179 A 20131220

Priority

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Abstract (en)

[origin: CN104730899A] The regulating device includes an inertial balance (7) including a balance staff arranged to be pivotally mounted in the timepiece, a balance bridge (9) and a bearing (11) carried by the balance bridge and arranged to hold one end of the balance staff, a balance spring (1) including an inner end integral with the balance and an outer end (1a) integral with a stud (3; 103), and a mechanism for securing the stud (3; 103) including a housing (17) for receiving the stud and which is formed in a stud holder (5) pivoted on the balance bridge (9), the securing mechanism further including an elastic arm (15; 115) arranged to pivot concentrically to the balance staff between a first position where the elastic arm immobilises the stud (3; 103) and a second position where the elastic arm is disengaged from the stud to allow the stud to be inserted into or removed from the housing.

IPC 8 full level

G04B 17/32 (2006.01); **G04B 18/06** (2006.01)

CPC (source: EP RU US)

G04B 15/14 (2013.01 - US); **G04B 17/06** (2013.01 - RU); **G04B 17/325** (2013.01 - EP US); **G04B 18/06** (2013.01 - EP US);
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Cited by

EP3179315A1; US10126712B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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