

Title (en)

Polygonal hairspring for a timepiece resonator

Title (de)

Polygonale Spirale für Schwinger einer Uhr

Title (fr)

Spiral polygonal pour un résonateur horloger

Publication

EP 2887152 A2 20150624 (FR)

Application

EP 14193409 A 20141117

Priority

- EP 13197318 A 20131216
- EP 14193409 A 20141117

Abstract (en)

[origin: CN204389879U] The utility model relates to a hairspring (1, 21, 41and 61) used for a clock resonator. The hairspring comprises a band (3, 23, 43 and 63) winding itself and forming a plurality of loops (S1, S2, S'1, S'2, S3 and Sint). According to the hairspring used for clock resonator, the band (3, 23, 43 and 63) is formed by a series of integrated prism portions (P1, P2, Px, P'x, Py, P'y and Pz), one of two opposite faces (Fint and Fext) is formed by a series of integrated rectangular portions to form a polygonal hairspring (1, 21, 41and 61). The utility model further relates to at least clock comprising the hairspring.

Abstract (fr)

Spiral (1, 21, 41, 61) pour un résonateur horloger comportant une lame (3, 23, 43, 63) enroulée sur elle-même selon plusieurs spires (S 1 , S 2 , S' 1 , S' 2 , S 3 , S int). La lame (3, 23, 43, 63) est formée par une succession de portions (P 1 , P 2 , P x , P' x , P y , P' y , P z) prismatiques solidaires entre elles ou l'une desdites au moins deux faces (F int , F ext) opposées étant formée par une succession de portions rectangulaires solidaires entre elles afin de former un spiral (1, 21, 41, 61) polygonal. Ledit spiral est destiné au domaine des résonateurs pour pièce d'horlogerie.

IPC 8 full level

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Designated extension state (EPC)

BA ME

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