

Title (en)  
Hairspring intended for being clamped by a spring washer

Title (de)  
Spirale, die mit einer Federscheibe gesichert werden muss

Title (fr)  
Spiral destiné à être serré par une rondelle élastique

Publication  
**EP 2916177 A1 20150909 (FR)**

Application  
**EP 15154081 A 20150206**

Priority  
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• EP 15154081 A 20150206

Abstract (en)  
[origin: CN104898398A] The present invention discloses a hairspring (1) comprising hair band (3). The hair band is wrapped to form plural rings (PI PE), inner rings (PI) and inner pile (5), all in one body. The inner pile comprises a loop (7) that extends in a nearly hexagonal shape. According to the embodiments, the top points of the hexagonal shape are provided with protruding parts (2, 4, 8) and two axially extending wall parts (21-22, 41-42, 81-82) and wall parts (21-22, 41-42, 81-82). All are in parallel. Further, in responding to the center (C) of the inner pile (5), the end parts (S1, S2, S3) of the protruding parts (2, 4, 8) are parallel in some sections.

Abstract (fr)  
L'invention se rapporte à un spiral (1) comportant une lame (3) enroulée sur elle-même selon plusieurs spires (P I , P E ), la spire interne (P I ) étant venue de forme avec une virole (5) comportant une bande (7) s'étendant sensiblement sous forme d'un polygone. Selon l'invention, le contour externe au niveau de chaque renflement (2, 4, 8) des sommets du polygone comporte deux parois (2 1 -2 2 , 4 1 -4 2 , 8 1 -8 2 ) s'étendant axialement sensiblement parallèlement entre elles par rapport au segment formé entre le centre (C) de la virole (5) et l'extrémité (S 1 , S 2 , S 3 ) de dudit renflement (2, 4,8).

IPC 8 full level  
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**G04B 17/06** (2013.01 - EP US); **G04B 17/066** (2013.01 - US); **G04B 17/32** (2013.01 - US); **G04B 17/34** (2013.01 - EP US);  
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Citation (applicant)  
• EP 13187833 A 20131009  
• EP 13187836 A 20131009  
• EP 2184653 A1 20100512 - MONTRES BREGUET SA [CH]

Citation (search report)  
• [XY] EP 1868045 A1 20071219 - PATEK PHILIPPE SA [CH]  
• [Y] EP 2184653 A1 20100512 - MONTRES BREGUET SA [CH]  
• [Y] FR 1471748 A 19670303 - VIROLA SA  
• [A] EP 1637940 A2 20060322 - PATEK PHILIPPE SA [CH]

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