

Title (en)
Spiral spring for mechanical clockwork

Title (de)
Spiralfeder für mechanisches Uhrwerk

Title (fr)
Spiral pour mouvement d'horlogerie mécanique

Publication
EP 1605323 A2 20051214 (FR)

Application
EP 05405216 A 20050301

Priority
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Abstract (en)
The hairspring has a peripheral exterior curve (10) situated in a plane of the hairspring and has a specific rigidity, such that a central part (14) of a curve-hairspring assembly is constituted of concentric displacements during its oscillation. The curve presents elbows (16-18) for centering a central part of the assembly during the assembly operation in a watch movement.

Abstract (fr)
Spiral pour mouvement d'horlogerie mécanique muni d'une courbe extérieure périphérique située dans le plan du spiral. La rigidité de cette courbe est telle que la partie centrale de l'ensemble spiral-courbe ainsi constitué se développe concentriquement lors de ses oscillations.

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IPC 8 full level
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CPC (source: EP)
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Cited by
EP2105807A1; JP2009244266A; CN110967959A; CN110275420A; CH706087A1; EP2017681A1; CH708429A1; EP2869138A3; EP2196868A1; CN103645622A; EP2184652A1; EP2184653A1; US11619910B2; US11415946B2; EP2869138A2; EP2138912A1; US8322914B2; US7950847B2; US8215828B2; TWI477932B; US8296953B2; US8622611B2; JP2009533917A

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