

Title (en)  
Escapement system for a balance-hairspring resonator

Title (de)  
Hemmungssystem für einen Spiralunruh-Schwinger

Title (fr)  
Système d'échappement pour un résonateur balancier-spiral

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Application  
**EP 14157942 A 20140305**

Priority  
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Abstract (en)  
[origin: CN104102119A] The invention relates to a timepiece including a resonator (23) cooperating with an escapement system(22). According to the invention, the escapement system (22) includes a moving escape wheel (3) arranged coaxially to the balance and driven by the gear train of the timepiece, a first fixed wheel (5) having a first tothing (6 ) and a second fixed wheel (7) having a second tothing (8), the first and second fixed wheels (5, 7) being arranged coaxially to the moving escape wheel (3) and a device (9) for securing the outer end (10) of the balance spring (24) including a part (11) hinged relative to the moving escape wheel (3) and arranged to ensure a radial movement of the outer end (10) between the first and second toothings (6, 8) to maintain the resonator (23) and to transmit the motion thereof to the timepiece gear train.

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• [A] FR 690365 A 19300919

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