

Title (en)  
HAIRSPRING-COLLET ASSEMBLY FOR A TIMEPIECE MOVEMENT

Title (de)  
SPIRALFEDER-SPIRALROLLEGESAMTHEIT FÜR EIN UHRWERK

Title (fr)  
ENSEMBLE SPIRAL-VIOLE POUR MOUVEMENT D'HORLOGERIE

Publication  
**EP 2018601 A2 20090128 (FR)**

Application  
**EP 07734401 A 20070426**

Priority  
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Abstract (en)  
[origin: EP1857891A1] The assembly has a spiral (3) attached to a collet (1) by its internal end, where the collet is mounted on a spindle (2) and the assembly is made of material with the base of silicon. The collet has an external contour defining stops (10a-10c). The spiral has internal turns supported on the stops during an impact before an elastic limit of the internal turn is exceeded. The stops are located at respective distances (Ra-Rc) from the center (O) of the spindle, where the distances are increased in a direction (D) of the spiral from a spiral/collet junction point (8).

IPC 8 full level  
**G04B 17/34** (2006.01); **G04B 43/00** (2006.01)

CPC (source: EP US)  
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