

Title (en)  
SPHERICAL OSCILLATOR FOR A TIMEPIECE MECHANISM

Title (de)  
SPHÄRISCHER OSZILLATOR FÜR EIN UHRWERK

Title (fr)  
OSCILLATEUR SPHÉRIQUE POUR MÉCANISME HORLOGER

Publication  
**EP 3948433 B1 20230419 (FR)**

Application  
**EP 20712626 A 20200326**

Priority  
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• EP 2020058593 W 20200326

Abstract (en)  
[origin: WO2020201025A1] The oscillator (13) for a control (12) for controlling a mechanism (14) of a timepiece (1) comprises a frame (16), a rigid body (18) and a mechanism (20) for connecting the rigid body (18) to the frame (16), allowing the rigid body (18) to oscillate relative to the frame (16). The connecting mechanism (20) comprises at least a first and a second rigid part (16, 18), and a first and a second flexible element (34, 36) in the form of angular sectors of crowns. The first and second flexible elements (34, 36) extend mainly in separate, non-parallel planes. The first and second flexible elements (34, 36) are concentric. The first and second flexible elements (34, 36) each connect the first and second rigid parts (16, 18) to each other.

IPC 8 full level  
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