

Title (en)  
MAGNETIC ANTISHOCK SYSTEM FOR A TIMEPIECE ARBOR

Title (de)  
MAGNETISCHES STOSSDÄMPFERSYSTEM FÜR EINE UHRENSPINDEL

Title (fr)  
ANTICHOC MAGNÉTIQUE POUR ARBRE D'HORLOGERIE

Publication  
**EP 3283926 A1 20180221 (FR)**

Application  
**EP 16714904 A 20160407**

Priority

- EP 15163809 A 20150416
- EP 2016057582 W 20160407

Abstract (en)  
[origin: WO2016166006A1] Watch subassembly (200), including an arbor (10) comprising a magnetised or charged surface (16) pivoting in a housing (14; 15), and a polar weight (11; 12; 31; 32) subjecting this surface to a magnetic or electrostatic field about an axis (DA), a polar weight (11; 12; 31; 32) interacting axially with this surface to absorb a shock and then subsequently return the arbor (10) to its operating position, and creating, in proximity to the surface, a magnetic or electrostatic field that either attracts the arbor (10) radially toward a wall of the housing (14; 15) or varies along the axis (DA) and applies to the arbor (10) a resistive force resulting from the interaction between a polar weight (11; 12; 31; 32) and the surface.

IPC 8 full level  
**G04B 31/02** (2006.01)

CPC (source: CN EP US)  
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