

Title (en)  
OSCILLATOR WITH TUNING FORK FOR MECHANICAL TIMEPIECE MOVEMENT

Title (de)  
STIMMGABELOSZILLATOR FÜR EIN MECHANISCHES UHRWERK

Title (fr)  
OSCILLATEUR A DIAPASON POUR MOUVEMENT HORLOGER MECANIQUE

Publication  
**EP 2761378 B1 20170104 (FR)**

Application  
**EP 12762633 A 20120927**

Priority  
• EP 11183371 A 20110929  
• EP 2012069122 W 20120927  
• EP 12762633 A 20120927

Abstract (en)  
[origin: EP2574994A1] The resonator has an intersection leg (3) oscillated on a side of an axis and comprising a pin that is combined with a fork tooth of an anchor (10). A support (6), two ankles (7, 8) and two arms (15, 16) convert oscillations of the leg of an oscillator (1) into rotational movements of the anchor and transmit mechanical energy from the anchor to the leg of the oscillator in a form of pulses such that a tooth exhibits an amplitude of movement that is axially produced in a direction of the axis during pivoting the anchor and is greater than amplitude of movement of the pin in the direction.

IPC 8 full level  
**G04B 15/08** (2006.01); **G04B 15/14** (2006.01); **G04B 17/04** (2006.01)

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