

Title (en)  
Exhaust with tangential impulses

Title (de)  
Hemmung mit Tangentialimpulsen

Title (fr)  
Echappement à impulsions tangentielles

Publication  
**EP 1967919 A1 20080910 (FR)**

Application  
**EP 07103860 A 20070309**

Priority  
EP 07103860 A 20070309

Abstract (en)  
The escapement has a latch (1) with a rod (3) and a ring (7) acting as two arms, respectively. The ring surrounds an escapement moving body (8), and has lock pallets (9, 11) and impulse pallets (10, 12) cooperated with teeth (13-16) of the moving body to alternately block the moving body and impart a plate (6). The moving body has a set of interdependent and coaxial large and small escapement wheels (17, 18), where one wheel (17) has a diameter larger than another wheel (18). Each of the wheels cooperates with the impulse pallets. The lock pallets are cooperated with any of the wheels.

Abstract (fr)  
L'échappement à impulsions tangentielles comprend une bascule (1) comportant une baguette (3) entraînant un plateau (6) et un anneau (7) entourant un mobile d'échappement (8), cet anneau étant équipé de palettes (9, 10, 11, 12) destinées à coopérer avec les dents (13, 14, 15, 16) dont est muni ledit mobile pour alternativement bloquer ce dernier puis relancer ledit plateau. Le mobile d'échappement comprend au moins des première (17) et seconde (18) roues solidaires et coaxiales. Les palettes (9, 11, 12) de l'anneau coopèrent avec les dents (13, 15, 16) de la première roue (17) à l'exception d'une seule (10) qui est arrangée pour coopérer avec les dents de la seconde roue (18).

IPC 8 full level  
**G04B 15/06** (2006.01)

CPC (source: EP US)  
**G04B 15/06** (2013.01 - EP US)

Citation (search report)  
• [A] EP 0018796 A2 19801112 - DANIELS GEORGE  
• [A] US 22791 A 18590201

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