

Title (en)  
Lever escapement for timepiece

Title (de)  
Ankerhemmung für Uhren

Title (fr)  
Echappement à ancre pour pièce d'horlogerie

Publication  
**EP 1983391 B1 20100120 (FR)**

Application  
**EP 07106375 A 20070418**

Priority  
EP 07106375 A 20070418

Abstract (en)  
[origin: EP1983391A1] The escapement has an escape wheel set (60) fitted with escape wheels (1, 2) that are secured to each other, and a balance roller (3) carrying an impulse pin (4). A pallet assembly (5) cooperates with the impulse pin and is fitted with locking pallet stones (6, 7) and an impulse pallet stone (8). The impulse and locking pallet stones cooperate with teeth of the escape wheels. The pallet assembly drives an auxiliary wheel set (9) carrying another impulse pallet stone (10) that cooperates with the teeth of the escape wheel.

IPC 8 full level  
**G04B 15/08** (2006.01)

CPC (source: EP US)  
**G04B 15/08** (2013.01 - EP US)

Cited by  
EP3557334A1; WO2019201976A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1983391 A1 20081022; EP 1983391 B1 20100120**; AT E456079 T1 20100215; CN 101290505 A 20081022; CN 101290505 B 20110803; DE 602007004447 D1 20100311; HK 1125191 A1 20090731; JP 2008268209 A 20081106; JP 5160288 B2 20130313; US 2008259739 A1 20081023; US 7553068 B2 20090630

DOCDB simple family (application)  
**EP 07106375 A 20070418**; AT 07106375 T 20070418; CN 200810125829 A 20080418; DE 602007004447 T 20070418; HK 09103328 A 20090408; JP 2008106170 A 20080415; US 10549208 A 20080418