

Title (en)  
High frequency balance wheel for timepiece

Title (de)  
Hochfrequenzunruh für Uhr

Title (fr)  
Balancier haute fréquence pour pièce d'horlogerie

Publication  
**EP 2395402 B1 20140312 (FR)**

Application  
**EP 10165704 A 20100611**

Priority  
EP 10165704 A 20100611

Abstract (en)  
[origin: EP2395402A1] The balance (1) has an inertia counterweight (7) arranged on a peripheral fellow in a housing (8), and comprising a circular profile guiding unit (9) complementary to a circular complementary guiding unit (9A). The counterweight comprises two adjustable parts i.e. studs (10, 11), adjustable in translation with respect to each other in a plane parallel to a balance plane (4). One of the adjustable parts is immovable in translation with respect to the fellow, where each adjustable part of the counterweight is made of material that is highly denser than the material constituting the fellow.

IPC 8 full level  
**G04B 17/06** (2006.01); **G04B 18/00** (2006.01)

CPC (source: EP)  
**G04B 17/063** (2013.01); **G04B 18/006** (2013.01)

Cited by  
CN111142353A; EP3502786A1; CN111492318A; EP2607970A1; US11809137B2; DE102014220009A1; WO2014114379A1; CN104011609A; CN104169814A; EP3502787A1; CN109960137A; EP3796102A1; CN112965355A; WO2019120959A1; WO2013092172A1; WO2013092173A1; US9310774B2; US9645551B2; US11307535B2; US11640140B2; JP2015508492A; JP2015511307A; JP2016045209A; EP2410386B1; EP2596407B1; EP2551732B1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2395402 A1 20111214; EP 2395402 B1 20140312; EP 2677369 A1 20131225; EP 2677369 B1 20150114**

DOCDB simple family (application)  
**EP 10165704 A 20100611; EP 13184692 A 20100611**