

Title (en)  
Balance for a timepiece movement

Title (de)  
Unruh für Uhrwerk

Title (fr)  
Balancier pour mouvement d'horlogerie

Publication  
**EP 1973013 B1 20101222 (FR)**

Application  
**EP 07005731 A 20070321**

Priority  
EP 07005731 A 20070321

Abstract (en)  
[origin: EP1973013A1] The balance has a hub (1) fixed on a balance staff, and two independent balance weights (3) each connected to the hub by an arm (2). An accumulated angle of arcs of circle formed by the balance weights is lower than 360 degree, so that a major part of a felloe is removed. The balance weights are evenly distributed around the hub, and frontal edges (2a, 2b) of each arm are aerodynamically sectioned for facilitating penetration of the edges in air during oscillations of the balance. The arms are made of light composite material.

IPC 8 full level  
**G04B 17/08** (2006.01)

CPC (source: EP)  
**G04B 17/08** (2013.01)

Cited by  
CH700640A1; US9535404B2; WO2013084043A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1973013 A1 20080924; EP 1973013 B1 20101222**; CN 101271315 A 20080924; DE 602007011393 D1 20110203; HK 1118617 A1 20090213

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**EP 07005731 A 20070321**; CN 200810086895 A 20080320; DE 602007011393 T 20070321; HK 08112497 A 20081114