

Title (en)  
OSCILLATING SYSTEM FOR TIMEPIECE

Title (de)  
SCHWINGSYSTEM FÜR UHR

Title (fr)  
SYSTEME OSCILLATEUR POUR MONTRE

Publication  
**EP 3182215 A1 20170621 (DE)**

Application  
**EP 15199927 A 20151214**

Priority  
EP 15199927 A 20151214

Abstract (en)  
[origin: WO2017102845A1] A method for adjusting the oscillation frequency of an oscillating system (S) for a watch movement, comprising the following steps of: - selecting a hairspring (3), - selecting a balance (1) belonging to a predetermined class, without a balance fellow, - selecting at least two balance weight elements (2) from a predetermined batch, - pairing the hairspring (3) with the balance (1) and said at least two weight elements (2), - measuring an oscillation frequency of the oscillating system (S) comprising the hairspring (3), the balance (1) and said weight elements (2), - selecting one of at least one balance (1) of another class or the at least two weight elements (2) from another batch if the oscillation frequency measured does not correspond to a desired oscillation frequency. An oscillation system (S) comprising a fastening element (4) for fastening the hairspring (3) to the balance (1) without a fellow.

Abstract (de)  
Ein Schwingsystem (S) für ein Uhrwerk, umfassend eine Grundplatte (1), zumindest zwei Masseelemente (2), eine Spirale (3), und eine Welle (6), umfasst keinen Unruhreif.

IPC 8 full level  
**G04B 17/06** (2006.01); **G04B 17/22** (2006.01)

CPC (source: EP US)  
**G04B 17/063** (2013.01 - EP US); **G04B 17/222** (2013.01 - EP US); **G04B 17/34** (2013.01 - EP US); **G04B 29/02** (2013.01 - EP US)

Citation (search report)  
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• [XA] EP 2570868 A1 20130320 - PATEK PHILIPPE SA GENEVE [CH]  
• [X] DE 2113427 A1 19711125 - CENTRE ELECTRON HORLOGER  
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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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3182215 A1 20170621**; EP 3391154 A1 20181024; EP 3391154 B1 20191009; EP 3499318 A1 20190619; EP 3499318 B1 20200909; US 11415941 B2 20220816; US 2018364645 A1 20181220; WO 2017102845 A1 20170622

DOCDB simple family (application)  
**EP 15199927 A 20151214**; EP 16809824 A 20161214; EP 19152279 A 20161214; EP 2016081005 W 20161214; US 201616061561 A 20161214