

Title (en)  
FLEXIBLE ESCAPEMENT MECHANISM

Title (de)  
FLEXIBLER UHRHEMMUNGSMECHANISMUS

Title (fr)  
MÉCANISME D'ÉCHAPPEMENT FLEXIBLE À CADRE MOBILE

Publication  
**EP 2831677 B1 20160525 (FR)**

Application  
**EP 13716231 A 20130327**

Priority  
• EP 12162030 A 20120329  
• EP 2013056577 W 20130327  
• EP 13716231 A 20130327

Abstract (en)  
[origin: WO2013144236A1] The invention relates to an escapement mechanism (100) for a movement (900) or a timepiece (1000) comprising at least one balance (300) and at least one escapement wheel (400). The transmission of pulses between said at least one balance (300) and said at least one escapement wheel (400) is carried out by a unitary flexible mechanism (500) comprising at least one follower (600) for engaging with said at least one escapement wheel (400) or with said at least one balance (300), wherein the unitary flexible mechanism (500) is connected, via at least one flexible blade (700), to a stationary structure (800) of said timepiece (1000) or to said at least one escapement wheel (400).

IPC 8 full level  
**G04B 15/00** (2006.01); **G04B 15/02** (2006.01); **G04B 15/06** (2006.01); **G04B 15/08** (2006.01); **G04B 15/12** (2006.01); **G04B 15/14** (2006.01)

CPC (source: EP RU US)  
**G04B 15/00** (2013.01 - EP RU US); **G04B 15/02** (2013.01 - US); **G04B 15/06** (2013.01 - EP US); **G04B 15/08** (2013.01 - EP US);  
**G04B 15/10** (2013.01 - EP US); **G04B 15/12** (2013.01 - EP US); **G04B 15/14** (2013.01 - EP US); **G04B 17/045** (2013.01 - EP US)

Cited by  
EP4145228A1; NL2029135B1; WO2018193365A1; EP3663869A1

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

DOCDB simple family (publication)  
**WO 2013144236 A1 20131003**; CN 104204966 A 20141210; CN 104204966 B 20170222; EP 2831677 A1 20150204; EP 2831677 B1 20160525;  
HK 1205284 A1 20151211; JP 2015511714 A 20150420; JP 5918438 B2 20160518; RU 2014143453 A 20160520; RU 2607339 C2 20170110;  
RU 2607339 C9 20170222; US 2015063082 A1 20150305; US 9075394 B2 20150707

DOCDB simple family (application)  
**EP 2013056577 W 20130327**; CN 201380017783 A 20130327; EP 13716231 A 20130327; HK 15105442 A 20150608;  
JP 2015502334 A 20130327; RU 2014143453 A 20130327; US 201314389012 A 20130327