

Title (en)
Flexible escapement mechanism

Title (de)
Flexibler Uhrhemmungsmechanismus

Title (fr)
Mécanisme d'échappement flexible

Publication
EP 2645189 B1 20160203 (FR)

Application
EP 12162030 A 20120329

Priority
EP 12162030 A 20120329

Abstract (en)
[origin: EP2645189A1] The mechanism (100) has a single-piece flexible mechanism (500) producing pulse transmission between a beam (300) and an escapement wheel (400). The single-piece flexible mechanism comprises a sensor that is attached with the escapement wheel or the beam. The single-piece flexible mechanism is connected at a fixing structure of a clock element (1000) or the escapement wheel by a flexible blade. The single-piece flexible mechanism is coupled with an anchor, where the anchor comprises a rod that is provided with a fork.

IPC 8 full level
G04B 15/00 (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 US)
G04B 15/00 (2013.01 - EP 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); **G04B 15/12** (2013.01 - EP US); **G04B 15/14** (2013.01 - EP US); **G04B 17/045** (2013.01 - EP)

Cited by
WO2017068538A1; EP3399373A1; EP3598242A1; EP3032350A1; EP3144741A1; CH711519A1; EP3032351A1; EP3032352A1;
JP2023067853A; US9836024B2; EP3021174A1; CN107257944A; EP3206089A1; RU2729625C2; EP3035127A1; EP2998800A3; RU2629167C2;
WO2020016818A1; WO2019092665A1; WO2016096677A1; EP3035126A1; JP2017503155A; JP2017223702A; JP2017223701A;
US10528005B2; WO2018203187A1; WO2016091632A1; US10372082B2; US10133238B2; EP3037893A1; US10520890B2; US12055896B2;
WO2016091951A1; WO2016079068A1; WO2016091823A1; US9958831B2; EP3355130A1; EP2998800A2; US9477205B2; EP3457221A2

Designated contracting state (EPC)
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