

Title (en)
Regulating system for a clock movement

Title (de)
Reguliersystem für Uhrwerk

Title (fr)
Système réglant pour mouvement d'horlogerie

Publication
EP 2874020 B1 20161026 (FR)

Application
EP 14192316 A 20141107

Priority
• EP 13193167 A 20131115
• EP 14192316 A 20141107

Abstract (en)
[origin: JP2015096852A] PROBLEM TO BE SOLVED: To provide a regulating system capable of changing positional energy of a power spring at a time point or substantially the time point when speed of a trunk roller becomes zero. SOLUTION: A regulating system 110 for a timepiece movement 12 comprising a first sub system comprises: a first oscillator O111 comprising a first trunk roller B111 and a first hair power spring S111; a first displacement element M111 of the first hair power spring S111; and a first actuation element A111 of the first displacement element M111 at a time point or substantially the time point when the speed of the first trunk roller B111 becomes zero.

IPC 8 full level
G04B 17/06 (2006.01); **G04B 15/06** (2006.01); **G04B 17/04** (2006.01); **G04B 18/02** (2006.01)

CPC (source: EP US)
G04B 15/06 (2013.01 - EP US); **G04B 17/04** (2013.01 - EP US); **G04B 17/06** (2013.01 - EP US); **G04B 18/02** (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 14192316 A 20141107; CN 201410647981 A 20141114; JP 2014227636 A 20141110; US 201414542069 A 20141114