

Title (en)
TIMEPIECE REGULATING ELEMENT

Title (de)
REGULIERORGAN FÜR UHRWERK

Title (fr)
ORGANE RÉGULATEUR D'HORLOGERIE

Publication
EP 2893404 A2 20150715 (FR)

Application
EP 13756164 A 20130903

Priority
• EP 12182816 A 20120903
• EP 2013068126 W 20130903
• EP 13756164 A 20130903

Abstract (en)
[origin: EP2703911A1] The element (1) has a balance (2) designed as a beam oscillating about an axis (D) and subjected to a restoring moment exerted by a torsion return unit (4). The balance comprises securing units (10) used to oscillate the balance integrally with a torsion wire (5) forming the torsion return unit of the balance. The torsion wire has elasticity modulus greater than 100 Gigapascal and yield stress greater than 2000 Megapascal. The wire is made of glass metal of Metglas MBF20 (RTM: thin amorphous metal alloy ribbon). An independent claim is also included for a movement.

IPC 8 full level
G04B 17/10 (2006.01)

CPC (source: EP RU US)
G04B 17/10 (2013.01 - EP US); **G04B 18/02** (2013.01 - EP US); **G04B 17/10** (2013.01 - RU); **G04B 18/02** (2013.01 - RU)

Citation (search report)
See references of WO 2014033309A2

Designated contracting state (EPC)
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Designated extension state (EPC)
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