

Title (en)
Index pin for sprung balance

Title (de)
Rückerstifte für Unruh-Spiralfeder

Title (fr)
Clé de raquette pour balancier spiral

Publication
EP 2474871 B1 20170510 (FR)

Application
EP 11150327 A 20110106

Priority
EP 11150327 A 20110106

Abstract (en)
[origin: EP2474871A1] The index pin (1) has pin shoulders (2, 3) provided to limit a radial beat of a balance spring (20) between the shoulders and polished to support the spring. A support unit is supported on an index (10) adjusting a shoulder direction (D1) parallel to a pivot axis (D) of index in a mounting position of the pin. A sight hole (4) is in a direction parallel to the direction of shoulders, and is clear to allow visualization of the shoulders by an operator/optical instrument. A portion of the spring is inserted between the shoulders at a distance from and/or in contact with one and/or other pins.

IPC 8 full level
G04B 18/02 (2006.01)

CPC (source: EP US)
G04B 18/026 (2013.01 - EP US)

Cited by
EP3273310A1; US11226592B2; WO2018015277A1

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)
EP 2474871 A1 20120711; EP 2474871 B1 20170510; CN 102591185 A 20120718; CN 102591185 B 20140604; HK 1173509 A1 20130516; JP 2012145578 A 20120802; JP 5308545 B2 20131009; RU 2011153173 A 20130710; RU 2571034 C2 20151220; US 2012176869 A1 20120712; US 8696195 B2 20140415

DOCDB simple family (application)
EP 11150327 A 20110106; CN 201210003501 A 20120106; HK 13100604 A 20130115; JP 2012000983 A 20120106; RU 2011153173 A 20111226; US 201213344208 A 20120105