

Title (en)
SYSTEM FOR ATTACHING A HAIRSPRING

Title (de)
BEFESTIGUNGSSYSTEM EINER SPIRALFEDER

Title (fr)
SYSTÈME DE FIXATION D'UN RESSORT SPIRAL

Publication
EP 3032354 B1 20210526 (FR)

Application
EP 15196169 A 20151125

Priority
• EP 14195264 A 20141127
• EP 15196169 A 20151125

Abstract (en)
[origin: JP2016102788A] PROBLEM TO BE SOLVED: To provide a balance spring system of a horology movement.SOLUTION: The system comprises: a balance spring 1; a movement blank; a first element 1c for indexing the position, in particular the angular position, of an outer end of the balance spring 1 relative to the blank, the first indexing element 1c configured to cooperate with a second indexing element provided on the blank; and a unit OL for connection of the outer end of the balance spring 1. The first indexing element 1c is configured to be displaceable, in particular in rotation, relative to the connection unit.SELECTED DRAWING: Figure 3

IPC 8 full level
G04B 18/06 (2006.01)

CPC (source: CN EP US)
G04B 17/063 (2013.01 - US); **G04B 17/066** (2013.01 - CN); **G04B 17/325** (2013.01 - CN US); **G04B 18/02** (2013.01 - US);
G04B 18/023 (2013.01 - CN); **G04B 18/026** (2013.01 - CN); **G04B 18/06** (2013.01 - CN EP US); **G04D 7/10** (2013.01 - US)

Cited by
EP4148505A1; EP4099101A1

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 3032354 A1 20160615; EP 3032354 B1 20210526; CN 105652629 A 20160608; CN 105652629 B 20200519; JP 2016102788 A 20160602;
JP 6710041 B2 20200617; US 2016154379 A1 20160602; US 9811054 B2 20171107

DOCDB simple family (application)
EP 15196169 A 20151125; CN 201511035360 A 20151126; JP 2015223787 A 20151116; US 201514952414 A 20151125