

Title (en)
TIMEPIECE MECHANISM WITH BALANCE WHEEL INERTIA ADJUSTMENT

Title (de)
UHRENMECHANISMUS ZUM EINSTELLEN DER UNRUHTRÄGHEIT

Title (fr)
MÉCANISME D'HORLOGERIE À RÉGLAGE D'INERTIE DE BALANCIER

Publication
EP 3252546 B1 20190828 (FR)

Application
EP 16172843 A 20160603

Priority
EP 16172843 A 20160603

Abstract (en)
[origin: US2017351218A1] Watch comprising a movement, with a balance comprising a ring distinct from the balance rim, elastically fixed to a flange with respect to which this ring is movable in rotation to modify the position of inertia blocks elastically carried by the flange, each able to be indexed in different stable angular positions corresponding to a different inertia of the balance, the movement including an operating member movable between coupled and uncoupled positions which includes a stop means for immobilising the rim in a coupled position, and a control means for rotating the ring to modify the position of the inertia blocks in the coupled position, the watch including a crown controlling the control means, a rotating coupling ring controlling the coupling/uncoupling of the operating member through contactless interaction with an external adjustment tool.

IPC 8 full level
G04B 18/00 (2006.01); **G04B 17/06** (2006.01); **G04B 17/20** (2006.01); **G04D 7/08** (2006.01); **G04B 17/00** (2006.01); **G04C 3/00** (2006.01); **G04C 3/04** (2006.01)

CPC (source: CN EP US)
G04B 17/063 (2013.01 - CN US); **G04B 17/20** (2013.01 - US); **G04B 18/006** (2013.01 - CN EP US); **G04C 3/04** (2013.01 - US); **G04D 7/084** (2013.01 - EP US); **G04B 17/00** (2013.01 - US); **G04B 18/00** (2013.01 - US); **G04C 3/00** (2013.01 - US)

Cited by
US2021349423A1; US11914327B2; EP3835879A1

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 3252546 A1 20171206; EP 3252546 B1 20190828; CN 107463083 A 20171212; CN 107463083 B 20190823; JP 2017219540 A 20171214; JP 6340116 B2 20180606; US 10054905 B2 20180821; US 2017351218 A1 20171207

DOCDB simple family (application)
EP 16172843 A 20160603; CN 201710409375 A 20170602; JP 2017099520 A 20170519; US 201715613747 A 20170605