

Title (en)
Balance wheel with adjusting mechanism

Title (de)
Unruh mit Verstellmechanismus

Title (fr)
Balancier muni d'un dispositif de réglage

Publication
EP 1351103 B1 20080730 (FR)

Application
EP 02006342 A 20020321

Priority
EP 02006342 A 20020321

Abstract (en)
[origin: EP1351103A1] The wheel has an adjustment device to adjust its frequency of oscillation and a rim (1) of circular shape free from projections is connected by radial arms (2) to a hub (3). A recess with balance weights (7) having a general U shape by resilient deformation is held in the desired angular position within the corresponding recesses by friction due to the resilience of the weights themselves.

IPC 8 full level
G04B 17/04 (2006.01); **G04B 17/06** (2006.01); **G04B 18/00** (2006.01)

CPC (source: EP US)
G04B 18/006 (2013.01 - EP US)

Cited by
RU2693519C2; EP2410386A1; DE102014220009A1; WO2012010410A1; WO2006079223A1; US7641381B2; US7726872B2; EP2990882A1

Designated contracting state (EPC)
CH DE GB LI

DOCDB simple family (publication)
EP 1351103 A1 20031008; EP 1351103 B1 20080730; DE 60227912 D1 20080911; HK 1058402 A1 20040514; JP 2003294861 A 20031015; JP 4242184 B2 20090318; US 2003179655 A1 20030925; US 6666575 B2 20031223

DOCDB simple family (application)
EP 02006342 A 20020321; DE 60227912 T 20020321; HK 04101062 A 20040214; JP 2003081070 A 20030324; US 38976403 A 20030318