

Title (en)

Timepiece mobile with unidirectional wheels

Title (de)

Triebfeder einer Uhrwerk mit unidirektionalen Zahnraden

Title (fr)

Mobile d'horlogerie à roues unidirectionnelles

Publication

EP 2871534 B1 20170104 (FR)

Application

EP 13191782 A 20131106

Priority

EP 13191782 A 20131106

Abstract (en)

[origin: CN204229119U] The utility model relates to a clock gear train with unidirectional gears. The clock gear train comprises a mandrel (80) carrying a small gear (81) and at least one first gear (82); the at least one first gear (82) and the small gear (81) are coaxial and are pivotally mounted on the mandrel (80); the first gear (82) is connected with the mandrel (80) through a first elastic rotation resetting mechanism forming a first uncoupling means (91) or at least one first spring (84), wherein the first uncoupling means applies friction to the first gear (82); and the gear train further comprises a second gear (86) which is pivotally mounted on the mandrel (80) and is connected with the mandrel (80) through a second elastic rotation resetting mechanism forming a second uncoupling means (92) or at least one second spring (88), wherein the second uncoupling means applies friction to the second gear (86). The utility model also relates a clock movement including the above clock gear train, and a clock including the clock movement.

IPC 8 full level

G04B 1/20 (2006.01); **G04B 11/00** (2006.01); **G04B 11/02** (2006.01)

CPC (source: EP US)

G04B 1/20 (2013.01 - EP US); **G04B 11/003** (2013.01 - EP US); **G04B 11/008** (2013.01 - EP US); **G04B 11/02** (2013.01 - EP US); **G04B 15/14** (2013.01 - EP US)

Cited by

EP3705949A1; US11768464B2; EP3489761A1

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DOCDB simple family (publication)

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