

Title (en)

Pneumatic winding mechanism, in particular for a timepiece comprising a source of mechanical energy

Title (de)

Pneumatischer Aufziehmechanismus, insbesondere für Uhr mit einer mechanischen Energiequelle

Title (fr)

Mécanisme de remontage pneumatique, en particulier pour une pièce d'horlogerie comportant une source d'énergie mécanique

Publication

EP 2725432 B1 20160720 (FR)

Application

EP 12190043 A 20121025

Priority

EP 12190043 A 20121025

Abstract (en)

[origin: EP2725432A1] The mechanism has two hermetically sealed chambers i.e. loudspeakers (5, 6), of variable volumes, where an internal pressure of the chambers is able to increase or decrease alternately according to variations in surrounding temperatures. A mechanical connection i.e. rigid rod (7), is provided between the chambers that are arranged such that volume of one of hermetically sealed chambers decreases when volume of other chamber increases, and vice versa. The connection is connected to a mobile unit (10) that is capable of moving relative to the variations in the volume of the chambers. An independent claim is also included for a clock element.

IPC 8 full level

G04B 5/22 (2006.01)

CPC (source: EP)

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Cited by

US12006919B2; WO2020053828A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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