

Title (en)

COMBINED RESONATOR HAVING IMPROVED ISOCHRONISM

Title (de)

KOMBINIERTER RESONATOR MIT VERBESSERTEM ISOCHRONISMUS

Title (fr)

RÉSONATEUR COMBINÉ À ISOCHRONISME AMÉLIORÉ

Publication

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Application

EP 15734670 A 20150707

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- EP 2015065434 W 20150707

Abstract (en)

[origin: WO2016037726A1] The invention relates to a clock-making assembly (10) comprising a combined resonator having at least two degrees of freedom and comprising a first linear or rotary oscillator (O1) which has a reduced amplitude in a first direction (Y) relative to which a second linear or rotary oscillator (O2) oscillates, which second oscillator has a reduced amplitude in a second direction (X) that is substantially orthogonal to said first direction (Y), said second oscillator (O2) comprising a second body (M2) that supports a slide, said clock-making assembly (10) comprising a mobile (3) that is arranged so as to apply torque to said resonator, said mobile (3) comprising a groove (1) in which said slide slides with minimum clearance, characterised in that said slide is arranged so as to at least follow the curvature of said groove (1) if it has one, or create rubbing friction in said groove (1), or repel the internal lateral surfaces (11, 12) of said groove (1) by means of magnetised or electrified surfaces of said slide.

IPC 8 full level

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