

Title (en)

Means for coupling a mechanical energy source with an electric generator in a time piece

Title (de)

Kopplungsvorrichtung zwischen einer mechanischen Energiequelle und einem elektrischen Generator in einer Zeitmessvorrichtung

Title (fr)

Dispositif de couplage entre une source d'énergie mécanique et une génératrice électrique dans une pièce d'horlogerie

Publication

EP 0681228 B1 19980708 (FR)

Application

EP 95106408 A 19950428

Priority

CH 139894 A 19940504

Abstract (en)

[origin: EP0681228A1] The coupling system (1) between the mechanical energy source (2) and an electrical generator (3) in a timepiece has a shaft (4), driven by the mechanical source (2), and a cylindrical element (5) coaxially fixed on this shaft (4). Over the cylinder (5) is mounted a tube (6) which freely turns on the shaft (4) and which is arranged to drive the generator (3). A helicoidal spring(7) is adjusted so as to rub against the tube (6) by means of its first (8) and last (9) turns. A space (10) is formed between the tube (6) and the cylindrical element (5) and the central turns (11) of the spring. <IMAGE>

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G04C 10/00

IPC 8 full level

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CPC (source: EP KR US)

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Citation (examination)

EP 0334088 A1 19890927 - PHARE JEAN D EVE SA LE [CH]

Cited by

DE102011106785B4; EP1213626A1; EP1239349A1; NL1017551C2; EP0791867A4; US5903071A; DE102011106785A1; US6587401B2; WO2023105270A1

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