

Title (en)

Micro-generator, module and time piece, containing such a micro-generator

Title (de)

Mikrogenerator, Modul und Uhrwerk, enthaltend einen solchen Mikrogenerator

Title (fr)

Micro-générateur, module et pièce d'horlogerie, contenant un tel micro-générateur

Publication

EP 0851322 B1 20000517 (DE)

Application

EP 96810901 A 19961223

Priority

EP 96810901 A 19961223

Abstract (en)

[origin: EP0851322A1] The microgenerator has a group of electrically connected coils (20,21) and a rotor (10) with an upper and a lower plate (13,14). The rotor plates are mounted on either side of the coils. The upper surface of the lower plate and the lower surface of the upper plate both have magnetised regions of alternating polarity. During rotation the regions of alternating polarity pass by the coils in succession. The coils are arranged asymmetrically about the axis of the rotor.

IPC 1-7

G04C 10/00

IPC 8 full level

G04B 1/10 (2006.01); **G04B 17/00** (2006.01); **G04C 10/00** (2006.01); **G04G 19/00** (2006.01)

CPC (source: EP KR US)

G04C 10/00 (2013.01 - EP US); **G04C 23/00** (2013.01 - KR); **G04C 3/00** (2013.01 - KR)

Cited by

US7376053B2; US9746831B2; WO2014154467A1; US9348316B2

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0851322 A1 19980701; **EP 0851322 B1 20000517**; DE 59605259 D1 20000621; ES 2145416 T3 20000701; HK 1008577 A1 19990514; JP 3172702 B2 20010604; JP H1144782 A 19990216; KR 100547250 B1 20060323; KR 19980064478 A 19981007; SG 55432 A1 19981221; TW 367646 B 19990821; US 6124649 A 20000926

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EP 96810901 A 19961223; DE 59605259 T 19961223; ES 96810901 T 19961223; HK 98109360 A 19980723; JP 36435797 A 19971219; KR 19970072095 A 19971222; SG 1997004432 A 19971212; TW 86119642 A 19971223; US 99560597 A 19971222