

Title (en)

MODE-SETTABLE ANALOG ELECTRONIC TIME PIECE WITH POSTURE SENSOR

Title (de)

ANALOGER ELEKTRONISCHER ZEITGEBER MIT MODUSEINSTELLUNG UND HALTUNGSSENSOR

Title (fr)

MONTRE ELECTRONIQUE ANALOGIQUE A MODE REGLABLE POURVUE D'UN CAPTEUR DE POSITION

Publication

**EP 1273983 A4 20060607 (EN)**

Application

**EP 00948298 A 20000801**

Priority

- JP 0005085 W 20000801
- JP 0002360 W 20000412

Abstract (en)

[origin: WO0179940A1] A mechanical timepiece, comprising a posture detection part (361) for detecting the posture of the mechanical timepiece, a timed annular balance rotation detection part (276) which is installed to detect a swing angle of the timed annular balance by detecting a variation in static electricity capacity between a timed annular balance static electricity capacity electrode part (240) and a static electricity capacity electrode for detection (250) which varies according to the operating condition of the timed annular balance (140), and a braking part (146) which, when the swing angle of the timed annular balance (140) detected by the timed annular balance rotation detection part (276) is equal to or more than a preset set angle, is formed so that a force to suppress the rotation of the timed annular balance (140) is given to the timed annular balance (140) based on the signals concerning the posture of the mechanical timepiece detected by the position detection part (361).

IPC 1-7

**G04C 3/00**; **G04C 3/14**; **G04C 10/00**; **G04G 1/00**

IPC 8 full level

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CPC (source: EP)

**G04C 3/002** (2013.01); **G04C 3/146** (2013.01); **G04G 19/12** (2013.01)

Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 002, no. 088 (E - 044) 19 July 1978 (1978-07-19)
- See references of WO 0179941A1

Cited by

FR2978567A1; US9423776B2; WO2013017384A1

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CH LI

DOCDB simple family (publication)

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DOCDB simple family (application)

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