

Title (en)
Radio-controlled timepiece

Title (de)
Funkuhrwerk

Title (fr)
Horloge contrôlée par radio

Publication
EP 0899636 B1 20020403 (DE)

Application
EP 98114625 A 19980804

Priority
DE 29714186 U 19970808

Abstract (en)
[origin: US5898644A] A radio controlled timepiece movement includes a carrier structure and a wheel train mounted thereon. The wheel train includes a plurality of rotatable wheels each having a wheel aperture formed therein. The apertures are alignable with one another. A printed circuit board is mounted on the carrier structure and has a board aperture formed therethrough. An end of the board aperture disposed farthest from the wheels is covered by a portion of a conductor of the circuit board. A light beam transmitter is mounted on that conductor and disposed in the board aperture. A wire extends from the element to the second conductor. The transmitter and wire are embedded within a radiation-permeable material which fills the board aperture.

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G04C 3/14

IPC 8 full level
G04C 3/00 (2006.01); **G04C 3/14** (2006.01)

CPC (source: EP US)
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