Title (en)

Autonomous Radiocontrolled Clock

Title (de)

Autonome Funkuhr

Title (fr)

Montre radiopilotée autonome

Publication

EP 0608733 B1 19970903 (DE)

Application

EP 94100550 A 19940115

Priority

DE 9300945 U 19930125

Abstract (en)

[origin: EP0608733A2] In an autonomous radio clock (11) whose receiver (23) for pulse-length-modulated binary-coded absolute time information (28) is in any case switched on only from time to time for receiving time messages and comparing the latter with the instantaneous time display in order to reduce the load on the operating power source (22), the aim is to reduce the energy consumption further in order, for example, also to be able to operate clocks - even wrist-watches - from a solar-fed store. For this purpose, the receiver does not remain switched on over the sequence of the coding periods of a time message, but is switched off for the remainder of a coding period when no further binary information is to be expected, and is switched on again for the next coding period. As a result, by contrast with being continuously switched on over the entirety of the coding periods of a message it is possible to save over 80% of the energy requirement for operating the receiver (23). <IMAGE>

IPC 1-7

G04G 7/02; H04B 1/16

IPC 8 full level

G04G 7/02 (2006.01); **G04R 20/10** (2013.01); **G04R 20/12** (2013.01); **H04B 1/16** (2006.01)

CPC (source: EP)

G04R 20/10 (2013.01); **G04R 20/12** (2013.01)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0608733 A2 19940803; **EP 0608733 A3 19950215**; **EP 0608733 B1 19970903**; AT E157783 T1 19970915; DE 59403898 D1 19971009; DE 9300945 U1 19940526; ES 2108303 T3 19971216

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