

**CPC****COOPERATIVE PATENT CLASSIFICATION****G04R****RADIO-CONTROLLED TIME-PIECES****Guidance heading:**

- G04R 20/00**      **Setting the time according to the time information carried or implied by the radio signal**
- G04R 20/02      . the radio signal being sent by a satellite, e.g. GPS
  - G04R 20/04      . . Tuning or receiving; Circuits therefor
  - G04R 20/06      . . Decoding time data; Circuits therefor
  - G04R 20/08      . the radio signal being broadcast from a long-wave call sign, e.g. DCF77, JJY40, JJY60, MSF60 or WWVB
  - G04R 20/10      . . Tuning or receiving; Circuits therefor
  - G04R 20/12      . . Decoding time data; Circuits therefor
  - G04R 20/14      . the radio signal being a telecommunication standard signal, e.g. GSM, UMTS or 3G
  - G04R 20/16      . . Tuning or receiving; Circuits therefor
  - G04R 20/18      . . Decoding time data; Circuits therefor
  - G04R 20/20      . the radio signal being an AM/FM standard signal, e.g. RDS
  - G04R 20/22      . . Tuning or receiving; Circuits therefor
  - G04R 20/24      . . Decoding time data; Circuits therefor
  - G04R 20/26      . the radio signal being a near-field communication signal
  - G04R 20/28      . . Tuning or receiving; Circuits therefor
  - G04R 20/30      . . Decoding time data; Circuits therefor
- G04R 40/00**      **Correcting the clock frequency**
- G04R 40/02      . by phase locking
  - G04R 40/04      . by detecting the radio signal frequency
  - G04R 40/06      . by computing the time value implied by the radio signal
- G04R 60/00**      **Constructional details**
- G04R 60/02      . Antennas also serving as components of clocks or watches, e.g. motor coils
  - G04R 60/04      . Antennas attached to or integrated in watch bracelets
  - G04R 60/06      . Antennas attached to or integrated in clock or watch bodies

- G04R 60/08 . . inside bezels
- G04R 60/10 . . inside cases
- G04R 60/12 . . . inside metal cases
- G04R 60/14 . specific to electromechanical timepieces, e.g. moving parts thereof