

ABSTRACT

The present application relates to a clock quartz oscillator synchronization method, system and apparatus, in which the method includes, when a calculation unit is in network connection, calculating a first deviation between a calculation unit time and a network clock time; updating a fundamental deviation according to the first deviation; updating the calculation unit time and calculating an actual refresh frequency of the calculation unit according to the fundamental deviation; calculating a second deviation between the calculation unit time and a sensor time; and according to the second deviation, updating the sensor time and calculating an actual interruption frequency of the sensor. The present application provides a synchronization method for calculation, estimation, correction, compensation of time deviation caused by the clock quartz oscillator, which has a benefit of time deviation reduction when one or more sensors are in data exchange with one or more calculation units.

FIG. 1