

## G04F

**TIME-INTERVAL MEASURING** (measuring pulse characteristics G01R, e.g. G01R29/02; in radar or like systems G01S; masers H01S1/00; generation of oscillations H03B; generation or counting of pulses, frequency dividing, analogue/digital conversion H03K) [N: time fuzes F42C9/00]

### Definition statement

*This subclass/group covers:*

- apparatus for measuring-off predetermined time intervals;
- apparatus for producing such intervals as timing standards, e.g. metronomes;
- apparatus for measuring unknown intervals, e.g. precision systems for short-time-interval measurement.

### References relevant to classification in this subclass

*This subclass/group does not cover:*

time fuzes	<a href="#">F42C 9/00</a>
------------	---------------------------

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

measuring pulse characteristics;	<a href="#">G01R</a> , e.g. <a href="#">G01R 29/02</a>
in radar or like systems;	<a href="#">G01S</a>
masers;	<a href="#">H01S 1/00</a>
generation of oscillations;	<a href="#">H03B</a>
generation or counting of pulses, frequency dividing, analogue/digital conversion	<a href="#">H03K</a>

## G04F 1/00

**Apparatus which can be set and started to measure-off**

**predetermined or adjustably-fixed time intervals without driving mechanisms, e.g. egg timer (electric time and time-programme switches H01H43/00)**

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

electric time and time-programme switches	<a href="#">H01H 43/00</a>
---	----------------------------

## **G04F 3/00**

**Apparatus which can be set and started to measure-off predetermined or adjustably-fixed time intervals with driving mechanisms, e.g. dosimeter with clockwork (electric time or time-programme switches H01H43/00)**

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

electric time and time-programme switches	<a href="#">H01H 43/00</a>
---	----------------------------

## **G04F 5/00**

**Apparatus for producing preselected time intervals for use as timing standards (generating clock signals for electric digital computers G06F1/04 ; regulating frequency in general H03C, H03L)**

### **References relevant to classification in this subclass**

*This subclass/group does not cover:*

generating clock signals for electric digital computers	<a href="#">G06F 1/04</a>
---	---------------------------

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

regulating frequency in general	<a href="#">H03C</a> , <a href="#">H03L</a>
---------------------------------	---

---

## **G04F 7/00**

**Apparatus for measuring unknown time intervals by mechanical means**

## **G04F 8/00**

**Apparatus for measuring unknown time intervals by electromechanical means**

## **G04F 10/00**

**Apparatus for measuring unknown time intervals by electric means [N: timing devices for clocks or watches for comparing the rate of the oscillating member with a standard G04D7/12; radar systems, analogous systems G01S7/00; measuring frequency G01R23/00; measuring phase angle G01R25/00]**

### **References relevant to classification in this subclass**

*This subclass/group does not cover:*

timing devices for clocks or watches for comparing the rate of the oscillating member with a standard	<a href="#">G04D 7/12</a>
---	---------------------------

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

radar systems, analogous systems	<a href="#">G01S 7/00</a>
measuring frequency	<a href="#">G01R 23/00</a>
measuring phase angle	<a href="#">G01R 25/00</a>

## **G04F 13/00**

**Apparatus for measuring unknown time intervals by means not provided for in groups G04F5/00 to G04F10/00**

### **References relevant to classification in this subclass**

*This subclass/group does not cover:*

Apparatus for producing preselected time intervals for use as timing standards	<a href="#">G04F 5/00</a>
Apparatus for measuring unknown time intervals by mechanical means	<a href="#">G04F 7/00</a>
Apparatus for measuring unknown time intervals by electromechanical means	<a href="#">G04F 8/00</a>
Apparatus for measuring unknown time intervals by electric means	<a href="#">G04F 10/00</a>