

Symbol	Typ	Titel
<b>G</b>	<b>Sektion</b>	<b>SECTION G — PHYSICS</b>
<b>G04</b>	<b>Klasse</b>	<b>HOROLOGY</b>
<b>G04F</b>	<b>Unterklasse</b>	<b>TIME-INTERVAL MEASURING (measuring pulse characteristics G01R, e.g. G01R 29/02; in radar or like systems G01S; masers H01S 1/00; generation of oscillations H03B; generation or counting of pulses, frequency dividing H03K; analogue/digital conversion in general H03M 1/00) [2]</b>
<b>G04F 1/00</b>	<b>Hauptgruppe</b>	<b>Apparatus which can be set and started to measure-off predetermined or adjustably-fixed time intervals without driving mechanisms, e.g. egg timer (time or time-programme switches which automatically terminate their operation after the programme is completed H01H 43/00)</b>
G04F 1/02	1-Punkt Untergruppe	. by consuming prefixed quantities of materials, e.g. by burning candle
G04F 1/04	1-Punkt Untergruppe	. by movement or acceleration due to gravity
G04F 1/06	2-Punkt Untergruppe	. . by flowing-away of a prefixed quantity of fine-granular or liquid materials, e.g. sand-glass, water-clock
G04F 1/08	2-Punkt Untergruppe	. . by a body falling a prefixed distance in air or in a viscous material
<b>G04F 3/00</b>	<b>Hauptgruppe</b>	<b>Apparatus which can be set and started to measure-off predetermined or adjustably-fixed time intervals with driving mechanisms, e.g. dosimeter with clockwork (time or time-programme switches which automatically terminate their operation after the programme is completed H01H 43/00)</b>
G04F 3/02	1-Punkt Untergruppe	. with mechanical driving mechanisms
G04F 3/04	2-Punkt Untergruppe	. . Additional arrangements in connection with ordinary non-electric clocks for this purpose
G04F 3/06	1-Punkt Untergruppe	. with electric driving mechanisms
G04F 3/08	2-Punkt Untergruppe	. . Additional arrangements in connection with ordinary electric clocks for this purpose
<b>G04F 5/00</b>	<b>Hauptgruppe</b>	<b>Apparatus for producing preselected time intervals for use as timing standards (generating clock signals for electric digital computers G06F 1/04; automatic frequency control or stabilisation of generators in general H03L)</b>
G04F 5/02	1-Punkt Untergruppe	. Metronomes
G04F 5/04	1-Punkt Untergruppe	. using oscillators with electromechanical resonators [2]
G04F 5/06	2-Punkt Untergruppe	. . using piezo-electric resonators [2]
G04F 5/08	2-Punkt Untergruppe	. . using magnetostrictive resonators [2]
G04F 5/10	1-Punkt Untergruppe	. using electric or electronic resonators (G04F 5/14 takes precedence) [2]
G04F 5/12	1-Punkt Untergruppe	. using fluidic devices [2]
G04F 5/14	1-Punkt Untergruppe	. using atomic clocks [2]
G04F 5/16	1-Punkt Untergruppe	. using pulses produced by radio-isotopes [2]
<b>G04F 7/00</b>	<b>Hauptgruppe</b>	<b>Apparatus for measuring unknown time intervals by non-electric means (G04F 13/06 takes precedence) [2]</b>
G04F 7/02	1-Punkt Untergruppe	. by measuring the distance of fall or the final velocity of a falling body
G04F 7/04	1-Punkt Untergruppe	. using a mechanical oscillator [2]
G04F 7/06	2-Punkt Untergruppe	. . running only during the time interval to be measured, e.g. stop-watch
G04F 7/08	2-Punkt Untergruppe	. . Watches or clocks with stop devices, e.g. chronograph

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G04F 7/10	1-Punkt Untergruppe	. Means used apart from the time-piece for starting or stopping same [2]
<b>G04F 8/00</b>	<b>Hauptgruppe</b>	<b>Apparatus for measuring unknown time intervals by electromechanical means [2]</b>
G04F 8/02	1-Punkt Untergruppe	. using an electromechanical oscillator [2]
G04F 8/04	2-Punkt Untergruppe	. . using a piezo-electric oscillator [2]
G04F 8/06	2-Punkt Untergruppe	. . using a magnetostrictive oscillator [2]
G04F 8/08	1-Punkt Untergruppe	. Means used apart from the time-piece for starting or stopping same [2]
<b>G04F 10/00</b>	<b>Hauptgruppe</b>	<b>Apparatus for measuring unknown time intervals by electric means [2]</b>
G04F 10/02	1-Punkt Untergruppe	. using oscillators with passive electric resonator, e.g. lumped LC [2]
G04F 10/04	1-Punkt Untergruppe	. by counting pulses or half-cycles of an ac [2]
G04F 10/06	1-Punkt Untergruppe	. by measuring phase [2]
G04F 10/08	1-Punkt Untergruppe	. using pulses produced by radio-isotopes [2]
G04F 10/10	1-Punkt Untergruppe	. by measuring electric or magnetic quantities changing in proportion to time [2]
<b>G04F 13/00</b>	<b>Hauptgruppe</b>	<b>Apparatus for measuring unknown time intervals by means not provided for in groups G04F 5/00-G04F 10/00 [2]</b>
G04F 13/02	1-Punkt Untergruppe	. using optical means [2]
G04F 13/04	1-Punkt Untergruppe	. using electrochemical means [2]
G04F 13/06	1-Punkt Untergruppe	. using fluidic means [2]