

# CPC COOPERATIVE PATENT CLASSIFICATION

## G PHYSICS (NOTES omitted)

### INSTRUMENTS

#### G12 INSTRUMENT DETAILS

#### G12B CONSTRUCTIONAL DETAILS OF INSTRUMENTS, OR COMPARABLE DETAILS OF OTHER APPARATUS, NOT OTHERWISE PROVIDED FOR

##### NOTES

1. This subclass covers only details which are not restricted to measuring instruments or to any other apparatus covered by a single class.
2. This subclass does not cover:
  - details covered by any other subclass in section [A](#), [E](#), [G](#) or [H](#). In particular, details restricted to the measuring instruments are covered by the relevant subclasses of class [G01](#), e.g. [G01D](#);
  - constructional details restricted to electric apparatus, e.g. casings, screenings, which are covered by subclass [H05K](#) or the relevant subclass in section [H](#).
3. Attention is drawn to the Notes following the title of section [G](#), especially as regards to the definition of the term "measuring" in Note (2) following the title of class [G01](#).

1/00	<b>Sensitive elements capable of producing movement or displacement for purposes not limited to measurement; Associated transmission mechanisms therefor</b>	9/10	. . Instruments boards; Panels; Desks; Racks
1/02	. Compound strips or plates, e.g. bimetallic	11/00	<b>Indicating elements; Illumination thereof</b>
1/04	. Hollow bodies having parts which are deformable or displaceable under pressure, e.g. Bourdon tube, bellows ( <a href="#">bellows in general F16J 3/00</a> )	11/02	. Scales; Dials
3/00	<b>Details of movements not otherwise provided for (damping of shock or vibrations in general <a href="#">F16F</a>; avoiding out-of-balance forces <a href="#">F16F 15/00</a>; testing balance <a href="#">G01M</a>)</b>	11/04	. Pointers; Setting-mechanisms therefor
3/02	. Caging of movements, i.e. locking of movements when not in use	13/00	<b>Calibrating of instruments and apparatus (calibrating of measuring instruments <a href="#">G01</a>)</b>
3/04	. Suspensions ( <a href="#">bearings F16C</a> )	15/00	<b>Cooling (by refrigeration, e.g. circulation of refrigerated fluid, <a href="#">F25D</a>; heat-exchange or heat-transfer details of general application <a href="#">F28F</a>)</b>
3/06	. Reducing effects of friction, e.g. by vibration (by <a href="#">lubrication F16N</a> )	15/02	. by closed-cycle fluid-circulating systems
3/08	. Damping of movements, e.g. to promote rapid non-oscillatory movement to a final reading	15/04	. by currents of fluid, e.g. air, in open cycle
3/10	. . using eddy currents	15/06	. by contact with heat-absorbing or radiating masses, e.g. heat-sink
5/00	<b>Adjusting position or attitude, e.g. level, of instruments or other apparatus, or of parts thereof (levels <a href="#">per se G01C 9/00</a>); Compensating for the effects of tilting or acceleration, e.g. for optical apparatus</b>	17/00	<b>Screening (insulation or other protection of buildings <a href="#">E04B</a>; emergency protection of apparatus in general <a href="#">F16P 7/00</a>; in connection with acoustic waves <a href="#">G10K 11/00</a>; in connection with nuclear radiation <a href="#">G21F</a>)</b>
7/00	<b>Compensating for the effects of temperature (by cooling <a href="#">G12B 15/00</a>)</b>		<b>NOTE</b>
9/00	<b>Housing or supporting of instruments or other apparatus</b>		This group <u>covers</u> :
9/02	. Casings; Housings; Cabinets ( <a href="#">sealing arrangements for transmission members F16J</a> , particularly <a href="#">F16J 15/50</a> )	17/02	– the protection of instruments or other apparatus from external radiation or other influences;
9/04	. . Details, e.g. cover	17/04	– the prevention of the emission of undesirable radiation or other influences by instruments or other apparatus.
9/06	. . . Metal casings		
9/08	. Supports; Devices for carrying	17/06	. from electric or magnetic fields, e.g. radio waves
		17/08	. from visible, ultra-violet, or infra-red light (screening of lighting devices <a href="#">F21V</a> ; optical filters <a href="#">G02B 5/20</a> )
			. from heat ( <a href="#">G12B 17/04</a> takes precedence; cooling <a href="#">G12B 15/00</a> )
			. from influences producing mechanical damage, e.g. caused by blast, by external objects, by person ( <a href="#">G12B 17/02</a> - <a href="#">G12B 17/06</a> take precedence)