

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1567

DATE: JANUARY 1, 2024

PROJECT MP12185

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Titles Changed:	B06B	1/16
	D06F	2103/26
	G01M	1/08, 1/12, 1/14, 1/20, 1/22, 1/28, 1/30
	G04B	17/28
	G05D	16/02
	H01H	83/14, 83/22
	H01P	5/10
	H03H	7/42
	H03H	11/32
	H04B	3/30
<b>DEFINITIONS:</b>		
Definitions New:	G04B	17/28
Definitions Modified:	G01H	subclass

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3.  REVISION CONCORDANCE LIST (RCL)

4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5.  CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

**SUBCLASS B06B - METHODS OR APPARATUS FOR GENERATING OR TRANSMITTING MECHANICAL VIBRATIONS OF INFRASONIC, SONIC, OR ULTRASONIC FREQUENCY, {e.g.} FOR PERFORMING MECHANICAL WORK IN GENERAL**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	B06B1/16	2	operating with systems involving rotary unbalanced masses	

**SUBCLASS D06F - LAUNDERING, DRYING, IRONING, PRESSING OR FOLDING TEXTILE ARTICLES**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	D06F2103/26	1	Imbalance; Noise level	

**SUBCLASS G01M - TESTING STATIC OR DYNAMIC BALANCE OF MACHINES OR STRUCTURES; TESTING OF STRUCTURES OR APPARATUS, NOT OTHERWISE PROVIDED FOR**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	G01M1/08	2	Instruments for indicating directly the magnitude and phase of the imbalance	
M	G01M1/12	1	Static balancing; Determining position of centre of gravity (by determining imbalance G01M1/14)	
M	G01M1/14	1	Determining imbalance (G01M1/30 takes precedence)	
M	G01M1/20	3	and applying external forces compensating forces due to imbalance	
M	G01M1/22	3	and converting vibrations due to imbalance into electric variables	
M	G01M1/28	3	with special adaptations for determining imbalance of the body <u>in situ</u> , e.g. of vehicle wheels	
M	G01M1/30	1	Compensating imbalance	

**SUBCLASS G04B - MECHANICALLY-DRIVEN CLOCKS OR WATCHES; MECHANICAL PARTS OF CLOCKS OR WATCHES IN GENERAL; TIME PIECES USING THE POSITION OF THE SUN, MOON OR STARS**

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	G04B17/28	2	for the effect of imbalance of the weights, e.g. tourbillon	

**SUBCLASS G05D - SYSTEMS FOR CONTROLLING OR REGULATING NON-ELECTRIC VARIABLES**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	G05D16/02	1	Modifications to reduce the effects of instability, e.g. due to vibrations, friction, a bnormal temperature, overloading or imbalance	

**SUBCLASS H01H - ELECTRIC SWITCHES;RELAYS;SELECTORS;EMERGENCY PROTECTIVE DEVICES**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	H01H83/14	1	operated by imbalance of two or more currents or voltages, e.g. for differential protection	
M	H01H83/22	2	the other condition being imbalance of two or more currents or voltages	

**SUBCLASS H01P - WAVEGUIDES;RESONATORS, LINES, OR OTHER DEVICES OF THE WAVEGUIDE TYPE**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	H01P5/10	2	for coupling balanced lines or devices with unbalanced lines or devices	

**SUBCLASS H03H - IMPEDANCE NETWORKS, e.g. RESONANT CIRCUITS;RESONATORS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	H03H7/42	1	Networks for transforming balanced signals into unbalanced signals and <u>vice versa</u> , e.g. baluns	
M	H03H11/32	2	Networks for transforming balanced signals into unbalanced signals and <u>vice versa</u> , e.g. baluns	

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**SUBCLASS H04B - TRANSMISSION**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	H04B3/30	2	Reducing interference caused by unbalanced currents in a normally balanced line	

\*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T = existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- \*\*No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types .
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

## 2. A. DEFINITIONS (new)

**G04B 17/28**

### References

#### Informative references

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

Balance construction for stabilising frequency	<a href="#">G04B 17/063</a>
Setting frequency by adjusting devices fixed on the balance	<a href="#">G04B 18/006</a>

## 2. A. DEFINITIONS (modified)

### G01H

#### References

Insert: The following new Application-oriented references section and table.

#### Application-oriented references

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Determining imbalance by oscillating the body to be tested and converting vibrations due to imbalance into electric variables	G01M 1/22
Vibration testing of structures	G01M 7/02
Investigating or analysing materials by the use of ultrasonic, sonic or infrasonic waves; Visualisation of the interior of objects by transmitting ultrasonic or sonic waves through the object	G01N 29/00
Systems using the reflection or reradiation of acoustic waves, e.g. sonar systems	G01S 15/00
Sonar systems designed for mapping or imaging	G01S 15/89
Seismology; Seismic or acoustic prospecting or detecting	G01V 1/00
Manufacture of electromechanical resonators by processes which include measurement of frequency with consequential modification of the resonator	H03H 3/007

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**Informative references**

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

Replace: The former Informative references table with the new table below.

Generating or transmitting mechanical vibrations in solids without measurement	B06B
Measuring distance, levels or bearings; Navigation; Gyroscopic instruments; Photogrammetry or videogrammetry	G01C
Measuring force or stress	G01L 1/00
Measuring pressure of a fluid or fluent solid material	G01L 7/00- G01L 19/00
Detecting knocks in internal-combustion engines	G01L 23/22
Testing dynamic balance of machines or structure, determining unbalance	G01M 1/14
Measuring acceleration, deceleration, shock	G01P 15/00
Acousto-optical devices	G02F 1/11, G02F 1/33
Obtaining records by techniques analogous to photography using ultrasonic, sonic or infrasonic waves	G03B 42/06
Musical instruments	G10B- G10H
Generating or transmitting mechanical vibrations in fluids without measurement	G10K
Arrangements for producing a reverberation or echo sound in fluids	G10K 15/08
Speech analysis or synthesis; Speech recognition	G10L
Information storage based on relative movement between record carrier and transducer	G11B
Piezoelectric, electro-strictive or magneto-strictive elements	H10N 30/00, H10N 35/00