

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1566

DATE: JANUARY 1, 2024

PROJECT DP12206

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
DEFINITIONS:		
Definitions New:	G01M	1/14
Definitions Modified:	G01K	13/00
	G01M	1/00, 1/04

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)

2. A. DEFINITIONS (new)

Insert: The following new Definition.

G01M 1/14

References

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:

Arrangements for detecting or measuring imbalance in washing machines, washer-dryers or laundry dryers	D06F 34/16
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2. A. DEFINITIONS (modified)

G01K 13/00

References

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:

Insert: The following four new references in the Application-oriented references table.

Arrangements for detecting or measuring liquid temperature in washing machines, washer-dryers or laundry dryers	D06F 34/24
Arrangements for detecting or measuring temperature of the drying air in washer-dryers or laundry dryers	D06F 34/26
Devices for sensing temperature or actuated thereby structurally associated with dynamo-electric machines	H02K 11/25
In arrangements for regulating or controlling electric motors, appropriate for both AC and DC, determining the temperature of the motor or of the drive	H02P 29/60

G01M 1/00

Definition statement

Replace: The existing Definition statement text with the following updated text.

Methods and apparatus for:

- determining and compensating static or dynamic imbalance of machines or structures;
- determining the moment of inertia of machines or structures;

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- static balancing of machines or structures;
- determining position of centre of gravity of machines or structures;
- combined machines or devices for both determining and correcting imbalance of machines or structures.

Relationships with other classification places

Replace: The existing Relationships with other classification places text with the following updated text.

Subclass G01H covers the combination of generation and measurement of mechanical and other vibrations while subclass G01M covers determining imbalance by oscillating or rotating the body to be tested.

Subclass G01R covers instruments for measuring electrical variables, which can be used for balancing machines or devices but not specially adapted for this purpose.

Subclass H04R covers electromechanical transducers producing acoustic waves or variations of electric variables (current or voltage) while subclass G01M covers determining imbalance by converting vibrations due to imbalance into electric variables.

The testing of vehicles is covered in group G01M 17/00, but nontrivial methodological details of such testing can justify also assigning groups G01M 1/02 - G01M 1/14 and G01M 1/30.

References

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:

Replace: The existing Application-oriented references table with the following updated table.

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Balancing rotary bowls of centrifuges	B04B 9/14
Equipment to decrease pitch, roll or like unwanted vessel movements; Apparatus for indicating vessel attitude	B63B 39/00
Determining vessel properties with respect to stability or balance	B63B 79/00
Aircraft stabilisation not otherwise provided for	B64C 17/00
Preventing or reducing imbalance or noise	D06F 33/48
In assembly, mounting or commissioning of wind motors, balancing static or dynamic imbalances	F03D 13/35
Centring the rotor within the stator; Balancing the rotor	H02K 15/16

Informative references

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

Insert: The following three new references in the Informative references table.

Means for holding wheels or parts thereof	B60B 30/00
Balancing machines or engines for liquids	F03B 11/04
Balancing non-positive-displacement pumps	F04D 29/66

G01M 1/04

References

Insert: The following new Informative references section.

Informative References

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

Means for holding wheels or parts thereof	B60B 30/00
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