EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 922

DATE: AUGUST 1, 2020

PROJECT MP0457

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

Action	Subclass	Group(s)
SCHEME:		
Titles Changed:	G01D	SUBCLASS
	G01D	1/00, 1/18
	G01D	4/00, 4/04, 4/08
	G01D	5/04, 5/06
	G01D	11/02, 11/04, 11/30
	G01D	15/16, 15/26
	G01F	SUBCLASS
	G01F	1/00, 1/46, 1/712, 1/76
	G01F	3/20
	G01F	11/08, 11/28
	G01F	15/12
	G01F	19/00
	G01F	23/00, 23/14, 23/20, 23/30
	G01H	SUBCLASS
	G01H	7/00
	G01H	11/00
DEFINITIONS:		
Definitions Modified:	G01D	SUBCLASS
	G01D	1/00
	G01D	4/00
	G01F	SUBCLASS
	G01F	1/00
	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)

1. CLASSIFICATION SCHEME CHANGES

    A. New, Modified or Deleted Group(s)

SUBCLASS G01D - MEASURING NOT SPECIALLY ADAPTED FOR A SPECIFIC VARIABLE; ARRANGEMENTS FOR MEASURING TWO OR MORE VARIABLES NOT COVERED IN A SINGLE OTHER SUBCLASS; TARIFF METERING APPARATUS; MEASURING OR TESTING NOT OTHERWISE PROVIDED FOR

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G01D		MEASURING NOT SPECIALLY ADAPTED FOR A SPECIFIC VARIABLE; ARRANGEMENTS FOR MEASURING TWO OR MORE VARIABLES NOT COVERED IN A SINGLE OTHER SUBCLASS; TARIFF METERING APPARATUS; MEASURING OR TESTING NOT OTHERWISE PROVIDED FOR	
M	G01D1/00	0	Measuring arrangements giving results other than momentary value of variable, of general application (G01D3/00 takes precedence; in tariff metering apparatus G01D4/00; transducers not specially adapted for a specific variable G01D5/00)	
M	G01D1/18	1	with arrangements for signalling that a predetermined value of an unspecified parameter has been exceeded (G01D1/14 takes precedence)	
M	G01D4/00	0	Tariff metering apparatus (in taximeters G07B 13/00; apparatus actuated by coins, cards or the like with meter-controlled dispensing of liquid, gas, or electricity G07F 15/00)	
M	G01D4/04	2	Resetting-mechanisms, e.g. for indicating members	
M	G01D4/08	2	Transfer of indication from a counter into a summing counter	
M	G01D5/04	2	using levers; using cams; using gearing	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G01D5/06	2	acting through a wall or enclosure, e.g. by bellows, by magnetic coupling	
M	G01D11/02	1	Bearings or suspensions for moving parts	
M	G01D11/04	2	Knive-edge bearings	
M	G01D11/30	1	Supports specially adapted for an instrument; Supports specially adapted for a set of instruments	
M	G01D15/16	1	Recording elements transferring recording material, e.g. ink, to the recording surface (printing recording elements G01D15/20)	
M	G01D15/26	2	operating by clockwork	

SUBCLASS G01F - MEASURING VOLUME, VOLUME FLOW, MASS FLOW OR LIQUID LEVEL; METERING BY VOLUME

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G01F		MEASURING VOLUME, VOLUME FLOW, MASS FLOW OR LIQUID LEVEL; METERING BY VOLUME	
M	G01F1/00	0	Measuring the volume flow or mass flow of fluid or fluent solid material wherein the fluid passes through the meter in a continuous flow (measuring a proportion of the volume flow G01F5/00)	
M	G01F1/46	5	Pitot tubes	
M	G01F1/712	3	using auto-correlation or cross-correlation detection means {(G01F1/7082 - G01F1/7088 take precedence)}	
M	G01F1/76	1	Devices for measuring mass flow of a fluid or a fluent solid material	
M	G01F3/20	2	having flexible movable walls, e.g. diaphragms, bellows	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G01F11/08	2	of the diaphragm or bellows type	
M	G01F11/28	1	with stationary measuring chambers having constant volume during measurement	
M	G01F15/12	1	Cleaning arrangements; Filters	
M	G01F19/00	0	Calibrated capacity measures for fluids or fluent solid material, e.g. measuring cups	
M	G01F23/00	0	Indicating or measuring liquid level, or level of fluent solid material, e.g. indicating in terms of volume, indicating by means of an alarm	
M	G01F23/14	1	by measurement of pressure	
M	G01F23/20	1	by measurement of weight, e.g. to determine the level of stored liquefied gas	
M	G01F23/30	1	by floats	

SUBCLASS G01H - MEASUREMENT OF MECHANICAL VIBRATIONS OR ULTRASONIC, SONIC OR INFRASONIC WAVES

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G01H		MEASUREMENT OF MECHANICAL VIBRATIONS OR ULTRASONIC, SONIC OR INFRASONIC WAVES	
M	G01H7/00	0	Measuring reverberation time {; room acoustic measurements}	
M	G01H11/00	0	Measuring mechanical vibrations or ultrasonic, sonic or infrasonic waves by detecting changes in electric or magnetic properties	

*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 <u>subclasses</u>, 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} <u>are</u> 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 <u>must</u> 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. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
G01D	Limiting References	Means structurally associated with lightning or other over-voltage discharging apparatus for recording the operation thereof G01R Tariff meters for measuring the time integral of electric power or current, e.g. electric consumption G01R11/56 Measuring root mean square [RMS] values of currents or voltages G01R19/02 Tariff metering apparatus in taxi's, i.e. taximeters G07B13/00 Apparatus actuated by coins, cards or the like with meter-controlled dispensing of liquid, gas, or electricity G07F15/00 displaying information in general G09F Recording in a way which requires playback through a transducer G11B	Delete: Limiting references section and table.

G01D	Informative References	Control systems G05B, G05D, G05M	Replace with: Control systems G05B, G05D
G01D	Informative references		Insert: Tariff meters for measuring the time integral of electric power or current, e.g. electric consumption G01R11/56 Measuring root mean square [RMS] values of currents or voltages G01R19/02 Tariff metering apparatus in taxi's, i.e. taximeters G07B13/00 Apparatus actuated by coins, cards or the like with meter-controlled dispensing of liquid, gas, or electricity G07F15/00 displaying information in general G09F Recording in a way which requires playback through a transducer G11B
G01D 1/00	Limiting References	Measuring arrangements with provision for the special purposes referred to G01D3/00 Indication that a specified parameter has exceeded a	Delete : Indication that a specified parameter has exceeded a predetermined value for fluid level G01F

		predetermined value for fluid level G01F Indication that a specified parameter has exceeded a predetermined value for temperature G01K Root Mean Square values of current or voltage G01R19/02	Indication that a specified parameter has exceeded a predetermined value for temperature G01K Root Mean Square values of current or voltage G01R19/02
G01D1/00	Limiting references		Insert: In tariff metering apparatus G01D 4/00 Transducers not specially adapted for a specific variable G01D 5/00
G01D1/00	Informative Reference	In tariff metering apparatus G01D 4/00 Transducers not specially adapted for a specific variable G01D 5/00	Replace: Existing two references with the following three references. Indication that a specified parameter has exceeded a predetermined value for fluid level G01F Indication that a specified parameter has exceeded a predetermined value for temperature G01K Root Mean Square values of current or voltage G01R19/02
G01D 4/00	Limiting References	Tariff meters for measuring the time integral of electric power or current G01R11/56	Delete: Tariff meters for measuring the time integral of electric power or current G01R11/56

		Coin-feed mechanisms for taximeters G07F Taximeters G07B 13/00	Coin-feed mechanisms for taximeters G07F
G01D4/00	Limiting references		Insert: Coin-freed apparatus with meter-controlled dispensing of liquid, gas or electricity G07B15/00
G01D4/00	Informative References		Insert: Tariff meters for measuring the time integral of electric power or current G01R11/56 Coin-feed mechanisms for taximeters G07F
G01F	Limiting References		Delete existing Limiting references section and table.
G01F	Informative references		Insert: Measuring linear dimensions to determine volume G01B Sampling; Preparing specimens for investigation G01N1/00 Ratio control G05D11/00
G01F 1/00	Limiting References	Weighing a continuous stream of material during flow G01G11/00 Indicating presence or absence of flow	Delete: Weighing a continuous stream of material during flow G01G11/00

		G01P13/00 Measuring a proportion of volume flow G01F 5/00	Indicating presence or absence of flow G01P13/00
G01F1/00	Informative References		Insert: Weighing a continuous stream of material during flow G01G11/00 Indicating presence or absence of flow G01P13/00
G01H	Limiting References		Delete Limiting references section and table.
G01H	Informative references		Insert: Measuring force or stress G01L1/00 Detecting knocks in internal-combustion engines G01L23/22 Testing dynamic balance of machines or structure, determining unbalance G01M1/14 Determining unbalance by oscillating the body to be tested and converting vibrations due to unbalance into electric variables G01M1/22 Vibration testing of structures G01M7/02 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 G01N29/00
			Measuring acceleration, deceleration, shock G01P15/00
			Systems using the reflection or reradiation of acoustic waves, e.g. sonar systems G01S15/00
			Sonar systems designed for mapping or imaging G01S15/89
			Seismology; Seismic or acoustic prospecting or detecting G01V1/00
			Manufacture of electromechanical resonators by processes which include measurement of frequency with consequential modification of the resonator H03H3/007

NOTES:
- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.