

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1240

DATE: JANUARY 1, 2022

PROJECT RP0755

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	G01F	1/3245, 1/3254, 1/3263, 1/3272, 1/3281, 1/329
	G01F	23/0061, 23/0069, 23/0076, 23/0084, 23/0092
	G01F	25/0007, 25/0015, 25/0023, 25/003, 25/0038, 25/0046, 25/0053, 25/0061, 25/0069, 25/0076
Symbols New:	G01F	1/325, 1/3259, 1/3266, 1/3273, 1/3282, 1/3287
	G01F	23/80, 23/802, 23/804, 23/806, 23/808
	G01F	25/10, 25/11, 25/12, 25/13, 25/14, 25/15, 25/17, 25/20, 25/22, 25/24
Titles Changed:	G01F	1/00, 1/002, 1/20, 1/32, 1/40, 1/48, 1/52, 1/54, 1/66, 1/661, 1/663, 1/667, 1/7082, 1/7084, 1/7086, 1/7088, 1/712, 1/84, 1/88, 1/90
	G01F	3/08, 3/14, 3/24
	G01F	11/00, 11/26, 11/36, 11/42
	G01F	15/00, 15/06, 15/061, 15/063, 15/07, 15/075, 15/08
	G01F	23/00, 23/22, 23/263, 23/28, 23/2962, 23/2965, 23/48, 23/56
	G01F	25/00
Warnings New:	G01F	1/7082, 1/7084, 1/7086, 1/7088, 1/712
Notes Modified:	G01F	1/00
DEFINITIONS:		
Definitions New:	G01F	1/66, 3/20, 23/14, 23/20, 23/26, 23/2962, 23/2965, 23/30, 23/80
Definitions Modified:	G01F	1/00, 1/76, 15/00, 23/00, 25/00

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL): G01P21/025, A61M1/3624

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)

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

<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	G01F 1/00	0	Measuring the volume flow or mass flow of fluid or fluent solid material wherein the fluid passes through a meter in a continuous flow (measuring a proportion of the volume flow G01F 5/00)	
M	G01F 1/002	1	wherein the flow is in an open channel	
U	G01F 1/05	1	by using mechanical effects	
M	G01F 1/20	2	by detection of dynamic effects of the flow	
M	G01F 1/32	3	using swirl flowmeters	
U	G01F 1/3236	4	{ using guide vanes as swirling means }	
D	G01F 1/3245	4	{ detection means for swirl flowmeters (detection means in general G01H) }	<administrative transfer to G01F 1/325>
N	G01F 1/325	4	Means for detecting quantities used as proxy variables for swirl	
D	G01F 1/3254	5	{ for detecting fluid pressure oscillations }	<administrative transfer to G01F 1/3259>
N	G01F 1/3259	5	{ for detecting fluid pressure oscillations }	
D	G01F 1/3263	6	{ by sensing mechanical vibrations }	<administrative transfer to G01F 1/3266>
N	G01F 1/3266	6	{ by sensing mechanical vibrations }	
D	G01F 1/3272	5	{ for detecting fluid speed oscillations by thermal sensors }	<administrative transfer to G01F 1/3273>
N	G01F 1/3273	5	{ for detecting fluid speed oscillations by thermal sensors }	
D	G01F 1/3281	5	{ for detecting variations in infrasonic, sonic or ultrasonic waves, due to modulation by passing through the swirling fluid }	<administrative transfer to G01F 1/3282>
N	G01F 1/3282	5	{ for detecting variations in infrasonic, sonic or ultrasonic waves, due to modulation by passing through the swirling fluid }	
N	G01F 1/3287	5	{ circuits therefor }	
D	G01F 1/329	5	{ circuits therefor }	<administrative transfer to G01F 1/3287>
M	G01F 1/40	4	Details of construction of the flow constriction devices	
M	G01F 1/48	3	the pressure or differential pressure being created by a capillary element	
M	G01F 1/52	2	by measuring the height of the fluid level due to the lifting power of the fluid flow	

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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> <u>“CPC only” text should normally be enclosed in { curly brackets }**</u>	<u>Transferred to#</u>
M	G01F 1/54	2	by means of chains, flexible bands or wires introduced into and moved by, the flow	
M	G01F 1/66	1	by measuring frequency, phase shift or propagation time of electromagnetic or other waves, e.g. using ultrasonic flowmeters	
M	G01F 1/661	2	using light	
M	G01F 1/663	2	by measuring Doppler frequency shift	
M	G01F 1/667	2	Arrangements of transducers for ultrasonic flowmeters; Circuits for operating ultrasonic flowmeters	
U	G01F 1/704	1	using marked regions or existing inhomogeneities within the fluid stream, e.g. statistically occurring variations in a fluid parameter (G01F 1/76, G01F 25/00 take precedence)	
U	G01F 1/708	2	Measuring the time taken to traverse a fixed distance	
C	G01F 1/7082	3	using acoustic detecting arrangements	G01F 1/7082, G01F 1/712
C	G01F 1/7084	3	using thermal detecting arrangements	G01F 1/7084, G01F 1/712
C	G01F 1/7086	3	using optical detecting arrangements	G01F 1/7086, G01F 1/712
C	G01F 1/7088	3	using electrically charged particles as tracers	G01F 1/7088, G01F 1/712
T	G01F 1/712	3	using auto-correlation or cross-correlation detection means	
M	G01F 1/84	4	Coriolis or gyroscopic mass flowmeters	
M	G01F 1/88	3	with differential-pressure measurement to determine the volume flow	
M	G01F 1/90	3	with positive-displacement meter or turbine meter to determine the volume flow	
M	G01F 3/08	4	Rotary-piston or ring-piston meters	
M	G01F 3/14	3	comprising reciprocating pistons, e.g. reciprocating in a rotating body	
M	G01F 3/24	1	with measuring chambers moved during operation (wet gas-meters G01F 3/30)	
M	G01F 11/00	0	Apparatus requiring external operation adapted at each repeated and identical operation to measure and separate a predetermined volume of fluid or fluent solid material from a supply or container, without regard to weight, and to deliver it	
M	G01F 11/26	2	wherein the measuring chamber is filled and emptied by tilting or inverting the supply vessel, e.g. bottle-emptying apparatus	

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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> <u>“CPC only” text should normally be enclosed in { curly brackets }**</u>	<u>Transferred to#</u>
M	G01F 11/36	2	with supply or discharge valves of the rectilinearly-moved slide type	
M	G01F 11/42	2	with supply or discharge valves of the rotary or oscillatory type	
M	G01F 15/00	0	Details of, or accessories for, apparatus of groups G01F 1/00 - G01F 13/00 insofar as such details or appliances are not adapted to particular types of such apparatus	
M	G01F 15/06	1	Indicating or recording devices	
M	G01F 15/061	2	for remote indication	
M	G01F 15/063	3	using electrical means	
M	G01F 15/07	1	Integration to give total flow, e.g. using mechanically-operated integrating mechanism	
M	G01F 15/075	2	using electrically-operated integrating means	
M	G01F 15/08	1	Air or gas separators in combination with liquid meters; Liquid separators in combination with gas-meters	
M	G01F 23/00	0	Indicating or measuring liquid level or level of fluent solid material, e.g. indicating in terms of volume or indicating by means of an alarm	
D	G01F23/0061	1	{ characterised by the level signal processing means }	<administrative transfer to G01F 23/80>
D	G01F23/0069	2	{ particular electronic circuits for digital processing equipment }	<administrative transfer to G01F 23/802>
D	G01F23/0076	3	{ containing circuits handling parameters other than liquid level }	<administrative transfer to G01F23/804>
D	G01F23/0084	2	{ particular electronic circuits for handling non-digital processing equipment }	<administrative transfer to G01F 23/806>
D	G01F23/0092	3	{ containing circuits handling parameters other than liquid level }	<administrative transfer to G01F 23/808>
M	G01F 23/22	1	by measuring physical variables, other than linear dimensions, pressure or weight, dependent on the level to be measured, e.g. by difference of heat transfer of steam or water (involving the use of floats G01F 23/30)	
U	G01F 23/26	2	by measuring variations of capacity or inductance of capacitors or inductors arising from the presence of liquid or fluent solid material in the electric or electromagnetic fields	
M	G01F 23/263	3	by measuring variations in capacitance of capacitors	
M	G01F 23/28	2	by measuring the variations of parameters of electromagnetic or acoustic waves applied directly to the liquid or fluent solid material	
U	G01F 23/296	3	Acoustic waves	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots</u> <u>(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	G01F 23/2962	4	Measuring transit time of reflected waves	
M	G01F 23/2965	4	Measuring attenuation of transmitted waves	
M	G01F 23/48	2	using twisted spindles as transmission elements	
M	G01F 23/56	2	using elements rigidly fixed to, and rectilinearly moving with, the floats as transmission elements	
U	G01F 23/76	2	characterised by the construction of the float	
N	G01F 23/80	1	Arrangements for signal processing	
N	G01F23/802	2	{ Particular electronic circuits for digital processing equipment }	
N	G01F23/804	3	{ containing circuits handling parameters other than liquid level }	
N	G01F23/806	2	{ Particular electronic circuits for handling non-digital processing equipment }	
N	G01F23/808	3	{ containing circuits handling parameters other than liquid level }	
M	G01F 25/00	0	Testing or calibration of apparatus for measuring volume, volume flow or liquid level or for metering by volume	
D	G01F 25/0007	1	{ for measuring volume flow }	<administrative transfer to G01F 25/10>
D	G01F 25/0015	2	{ using a seal ball or piston in a test loop }	<administrative transfer to G01F 25/11>
D	G01F 25/0023	2	{ using tracer }	<administrative transfer to G01F 25/12>
D	G01F 25/003	2	{ using a reference counter }	<administrative transfer to G01F 25/13>
D	G01F 25/0038	2	{ using a calibrated reservoir }	<administrative transfer to G01F 25/17>
D	G01F 25/0046	2	{ using a weighing apparatus }	<administrative transfer to G01F 25/14>
D	G01F 25/0053	2	{ specially adapted for gas meters (G01F25/0015 - G01F25/0046 take precedence) }	<administrative transfer to G01F 25/15>
D	G01F 25/0061	1	{ for measuring liquid level }	<administrative transfer to G01F 25/20>
D	G01F 25/0069	2	{ checking proper indicating of discrete level by floats }	<administrative transfer to G01F 25/22>
D	G01F 25/0076	2	{ testing proper functioning of electronic circuits }	<administrative transfer to G01F 25/24>
U	G01F 25/0084	1	{ for measuring volume }	
U	G01F 25/0092	1	{ for metering by volume }	
N	G01F 25/10	1	of flowmeters	

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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> <u>“CPC only” text should normally be enclosed in { curly brackets }**</u>	<u>Transferred to#</u>
N	G01F 25/11	2	{ using a seal ball or piston in a test loop }	
N	G01F 25/12	2	{ using tracer }	
N	G01F 25/13	2	{ using a reference counter }	
N	G01F 25/14	2	{ using a weighing apparatus }	
N	G01F 25/15	2	{ specially adapted for gas meters (G01F25/11 - G01F25/14, G01F 25/17 take precedence) }	
N	G01F 25/17	2	using calibrated reservoirs	
N	G01F 25/20	1	of apparatus for measuring liquid level	
N	G01F 25/22	2	{ Checking proper indicating of discrete level by floats }	
N	G01F 25/24	2	{ Testing proper functioning of electronic circuits }	

*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.

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B. New, Modified or Deleted Warning(s)

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

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	G01F 1/7082		Group G01F 1/7082 is impacted by reclassification into group G01F 1/712. Groups G01F 1/7082 and G01F 1/712 should be considered in order to perform a complete search.
N	G01F 1/7084		Group G01F 1/7084 is impacted by reclassification into group G01F 1/712. Groups G01F 1/7084 and G01F 1/712 should be considered in order to perform a complete search.
N	G01F 1/7086		Group G01F 1/7086 is impacted by reclassification into group G01F 1/712. Groups G01F 1/7086 and G01F 1/712 should be considered in order to perform a complete search.
N	G01F 1/7088		Group G01F 1/7088 is impacted by reclassification into group G01F 1/712. Groups G01F 1/7088 and G01F 1/712 should be considered in order to perform a complete search.
N	G01F 1/712		Group G01F 1/712 is incomplete pending reclassification of documents from groups G01F 1/7082, G01F 1/7084, G01F 1/7086 and G01F 1/7088. All groups listed in this Warning should be considered in order to perform a complete search.

*N = new warning, M = modified warning, D = deleted warning

NOTE: The “Location” column only requires the symbol PRIOR to the location of the warning. No further directions such as “before” or “after” are required.

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C. New, Modified or Deleted Note(s)

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

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	G01F 1/00	G01F 1/72, G01F 1/74 and G01F 1/76 take precedence over G01F 1/05 - G01F 1/68	{Groups G01F 1/704 - G01F 1/76 take precedence over groups G01F 1/05 - G01F 1/68.}

*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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2. A. DEFINITIONS (new)

Insert: The following new Definitions.

G01F1/66

References

Informative references

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

Measuring speed of fluids by measuring the direct influence of the streaming fluid on the properties of a detecting acoustical wave	G01P 5/24
Measuring speed of fluids by measuring the direct influence of the streaming fluid on the properties of a detecting optical wave	G01P 5/26

G01F3/20

References

Informative references

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

Diaphragms or bellows therefor	G01F 15/16
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G01F 23/14

References

Informative references

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

Measuring pressure in general	G01L
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G01F23/20

References

Informative references

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

Weighing in general	G01G
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G01F23/26

References

Informative references

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

Measuring inductance or capacitance	G01R 27/26
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G01F23/2962

References

Informative references

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

Systems using reflection of acoustic waves	G01S 15/02
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G01F23/2965

References

Informative references

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

Analysing fluids by measuring attenuation of acoustic waves	G01N 29/032
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G01F23/30

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:

Switches operated by floats	H01H 35/18
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G01F 23/80

Definition statement

This place covers:

Electrical circuits for signal processing of general applicability, e.g. filtering or averaging to compensate for sloshing or transmitting the level signals to a remote station.

Electrical circuits for power saving.

Electronic circuits handling signals other than liquid level signals or combining the processing of such signals and liquid level signals, e.g. handling both digital and analog signals to provide a compensated liquid level.

Relationships with other classification places

The processing of signals generated by a specific level-measuring technique to compensate for interfering variables is classified in the place covering that level-measuring technique unless the signal processing part dedicated to eliminating the effect of the interfering variables is applicable to other specific level-measuring techniques.

For example, in the measurement of a liquid level using the attenuation of visible light, circuits or signal-processing means to correct for the effect of ambient light should be classified in group G01F 23/292.

References

Informative references

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

Testing or calibrating apparatus for measuring liquid level	G01F 25/20
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Special rules of classification

G01F 23/804 and G01F 23/806 can for example be used for inclination signals in order to compensate the level signal.

2. A. DEFINITIONS (modified)

G01F1/00

Special rules of classification

Delete: The first seven lines of text of the Special rules of classification section, so that the updated text appears as follows.

Devices using Peltier or Seebeck effects are also classified under G01F 1/6888.

Devices for measuring pulsing fluid flow and devices for measuring bidirectional flow are classified in G01F 1/72.

G01F 1/76

Definition statement

Delete: The following text from the Definition statement.

GB2241789

References

Insert: The following new Informative references section.

Informative references

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

Weighing a continuous stream of material during flow
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G01G 11/00

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G01F15/00

References

Delete: The entire Limiting references section.

Delete: The entire Special rules of classification section.

G01F23/00

References

Insert: The following new Application-oriented references section.

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:

In wells	E21B 47/04
Adaptation to, or mounting on, steam boilers	F22B 37/78
Water level measuring or regulating devices in washing machines	D06F 39/087
Accumulators combined with arrangements for measuring electrolyte level	H01M 10/484

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Informative references

Replace: The existing text in the Informative references table with the following updated text.

Monitoring infusion flow anomalies by detecting the amount of infusate remaining	A61M 5/1684
Controlling of liquid level in devices for separation of solid particles from liquid by sedimentation	B01D 21/34
Arrangement of indicating or measuring devices for the level of molten metal	B22D 2/003
In continuous casting of metals, controlling or regulating processes or operations for pouring responsive of molten or slag level	B22D 11/181
In continuous casting of metals, controlling or regulating processes or operations for removing cast stock responsive of molten or slag level	B22D 11/201
Measuring depth of open water, e.g. sea, lake, river, canal	G01C 13/008
Level control	G05D 9/00
Alarm devices	G08B
Level alarms responsive to moisture	G08B 21/20
Switches operated by float	H01H 35/18
Switches actuated by a float carrying a magnet	H01H 36/02
Support or mounting means for aerials used in level-measurement devices	H01Q 1/225

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Special rules of classification

Replace: The existing text with the following updated text.

In group G01F 23/0038 buoyant probes normally occupy a large height in a container and don't move. The force exerted by the liquid on them is detected to determine the level.

Group G01F 23/303 contains mainly mechanical arrangements around the float to prevent errors due to sloshing. Electronic circuits for compensating for sloshing should be classified in G01F 23/303 only if associated with a measurement using a float and should always be classified in G01F 23/80 or sub groups.

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2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
G01F25/00	Special rules	G01F25/0015	<u>Replace</u> the existing symbol with G01F 25/11
G01F25/00	Special rules	G01F25/0046	<u>Replace</u> the existing symbol with G01F 25/14
G01F25/00	Special rules	G01F25/0053	<u>Replace</u> the existing symbol with G01F 25/15

Notes:

Use this Definitions Quick Fix (DQF) table to:

- Delete an entire definition
- Delete an entire section
- Change a reference symbol
- Delete a reference symbol
- Delete text in a References section
- Correct one error in spelling, article use, or verb tense

Otherwise, use the standard template.

Reminder: Never delete F symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	G01F 1/3245	<administrative transfer to G01F 1/325>
D	G01F 1/3254	<administrative transfer to G01F 1/3259>
D	G01F 1/3263	<administrative transfer to G01F 1/3266>
D	G01F 1/3272	<administrative transfer to G01F 1/3273>
D	G01F 1/3281	<administrative transfer to G01F 1/3282>
D	G01F 1/329	<administrative transfer to G01F 1/3287>
C	G01F 1/7082	G01F 1/7082, G01F 1/712
C	G01F 1/7084	G01F 1/7084, G01F 1/712
C	G01F 1/7086	G01F 1/7086, G01F 1/712
C	G01F 1/7088	G01F 1/7088, G01F 1/712
D	G01F 23/0061	<administrative transfer to G01F 23/80>
D	G01F 23/0069	<administrative transfer to G01F 23/802>
D	G01F 23/0076	<administrative transfer to G01F 23/804>
D	G01F 23/0084	<administrative transfer to G01F 23/806>
D	G01F 23/0092	<administrative transfer to G01F 23/808>
D	G01F 25/0007	<administrative transfer to G01F 25/10>
D	G01F 25/0015	<administrative transfer to G01F 25/11>
D	G01F 25/0023	<administrative transfer to G01F 25/12>
D	G01F 25/003	<administrative transfer to G01F 25/13>
D	G01F 25/0038	<administrative transfer to G01F 25/17>
D	G01F 25/0046	<administrative transfer to G01F 25/14>
D	G01F 25/0053	<administrative transfer to G01F 25/15>
D	G01F 25/0061	<administrative transfer to G01F 25/20>
D	G01F 25/0069	<administrative transfer to G01F 25/22>
D	G01F 25/0076	<administrative transfer to G01F 25/24>

* 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; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- 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 (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G01F 1/002	G01F 1/002	UPDATE
G01F 1/005	G01F 1/002	UPDATE
G01F 1/3245		DELETE
G01F 1/325	G01F 1/325	NEW
G01F 1/3254		DELETE
G01F 1/3259	G01F 1/325	NEW
G01F 1/3263		DELETE
G01F 1/3266	G01F 1/325	NEW
G01F 1/3272		DELETE
G01F 1/3273	G01F 1/325	NEW
G01F 1/3281		DELETE
G01F 1/3282	G01F 1/325	NEW
G01F 1/3287	G01F 1/325	NEW
G01F 1/329		DELETE
G01F 1/661	G01F 1/661	UPDATE
G01F 1/663	G01F 1/663	UPDATE
G01F 1/667	G01F 1/667	UPDATE
G01F 1/668	G01F 1/667	UPDATE
G01F 1/7082	G01F 1/7082	UPDATE
G01F 1/7084	G01F 1/7084	UPDATE
G01F 1/7086	G01F 1/7086	UPDATE
G01F 1/7088	G01F 1/7088	UPDATE
G01F 15/061	G01F 15/061	UPDATE
G01F 15/063	G01F 15/063	UPDATE
G01F 23/0061		DELETE
G01F 23/0069		DELETE
G01F 23/0076		DELETE
G01F 23/0084		DELETE
G01F 23/0092		DELETE
G01F 23/263	G01F 23/263	UPDATE
G01F 23/265	G01F 23/263	UPDATE
G01F 23/266	G01F 23/263	UPDATE
G01F 23/268	G01F 23/263	UPDATE
G01F 23/2962	G01F 23/2962	UPDATE
G01F 23/2963	G01F 23/2962	UPDATE
G01F 23/2965	G01F 23/2965	UPDATE
G01F 23/80	G01F 23/80	NEW
G01F 23/802	G01F 23/80	NEW
G01F 23/804	G01F 23/80	NEW
G01F 23/806	G01F 23/80	NEW
G01F 23/808	G01F 23/80	NEW
G01F 25/0007		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G01F 25/0015		DELETE
G01F 25/0023		DELETE
G01F 25/003		DELETE
G01F 25/0038		DELETE
G01F 25/0046		DELETE
G01F 25/0053		DELETE
G01F 25/0061		DELETE
G01F 25/0069		DELETE
G01F 25/0076		DELETE
G01F 25/10	G01F 25/10	NEW
G01F 25/11	G01F 25/10	NEW
G01F 25/12	G01F 25/10	NEW
G01F 25/13	G01F 25/10	NEW
G01F 25/14	G01F 25/10	NEW
G01F 25/15	G01F 25/10	NEW
G01F 25/17	G01F 25/17	NEW
G01F 25/20	G01F 25/20	NEW
G01F 25/22	G01F 25/20	NEW
G01F 25/24	G01F 25/20	NEW

*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
G01P21/025	G01F25/0007	Replace symbol with G01F 25/10

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
A 61M1/3624	G01F25/0061	Informative references	Replace symbol with G01F 25/20

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.