

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 503

DATE: FEBRUARY 1, 2018

PROJECT RP0500

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:	G01N	23/063, 23/066, 23/08, 23/14, 23/206
Symbols New:	G01N	23/041, 23/044, 23/085, 23/095, 23/2209
Titles Changed:	G01N	23/00, 23/04, 23/046, 23/083, 23/10, 23/12, 23/16, 23/18, 23/185, 23/20, 23/20008, 23/20016, 23/20025, 23/20033, 23/20041, 23/2005, 23/20058, 23/20066, 23/20091, 23/201, 23/203, 23/205, 23/2055, 23/207, 23/2073, 23/2076, 23/22, 23/2202, 23/2204, 23/2206, 23/2208, 23/222, 23/223, 23/225, 23/2251, 23/2252, 23/2254, 23/2255, 23/2257, 23/2258, 23/227, 23/2273, 23/2276
	G01N	27/62
Indents Changed:	G01N	23/083, 23/087, 23/09, 23/10, 23/12, 23/125, 23/16, 23/18, 23/185, 23/2055
Warnings New:	G01N	23/04, 23/041, 23/043, 23/044, 23/06, 23/083, 23/09, 23/10, 23/12, 23/125, 23/16, 23/18, 23/185, 23/201, 23/202, 23/205, 23/207, 23/2073, 23/2076, 23/22, 23/2209, 23/223, 23/2258
	G01N	27/62
Notes Modified:	G01N	21/00
DEFINITIONS:		
Definitions Modified:	G01N	23/00

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)

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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 G01N – INVESTIGATING OR ANALYSING MATERIALS BY DETERMINING THEIR CHEMICAL OR PHYSICAL PROPERTIES**

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
M	G01N 23/00	0	Investigating or analysing materials by the use of wave or particle radiation not covered by groups G01N 3/00 – G01N 17/00, G01N 21/00 or G01N 22/00	
C	G01N 23/04	2	and forming images of the material	G01N 23/04, G01N 23/041, G01N 23/044
N	G01N 23/041	3	Phase-contrast imaging, e.g. using grating interferometers	
C	G01N 23/043	3	{using fluoroscopic examination, with visual observation or video transmission of fluoroscopic images}	G01N 23/043, G01N 23/041, G01N 23/044
N	G01N 23/044	3	using laminography or tomosynthesis	
M	G01N 23/046	3	using tomography, e.g. computed tomography [CT]	
C	G01N 23/06	2	and measuring the absorption	G01N 23/06, G01N 23/083
D	G01N 23/063	3	{X-ray absorption fine structure, i.e. EXAFS (G01N 23/2076 takes precedence)}	<administrative transfer to G01N 23/085>
D	G01N 23/066	3	{Gamma-ray resonance absorption, e.g. Mössbauer effect (resonant absorbers or driving arrangements therefor, e.g. for Mössbauer effect devices G21K1/12)}	<administrative transfer to G01N 23/095>
D	G01N 23/08	3	<i>using electric detection means</i>	<administrative transfer to G01N 23/06>
E	G01N 23/083	3	the radiation being X-rays	
N	G01N 23/085	4	X-ray absorption fine structure [XAFS], e.g. extended XAFS [EXAFS]	
M	G01N 23/087	4	using polyenergetic X-rays	
C	G01N 23/09	3	the radiation being neutrons	G01N 23/09, G01N 23/10, G01N 23/12, G01N 23/125, G01N 23/16, G01N 23/18
N	G01N 23/095	3	Gamma-ray resonance absorption, e.g. using the Mössbauer effect	
C	G01N 23/10	3	the material being confined in a container, e.g. in a luggage X-ray scanners	G01N 23/083, G01N 23/10
C	G01N 23/12	3	the material being a flowing fluid or a flowing granular solid	G01N 23/083, G01N 23/12
C	G01N 23/125	4	{with immersed detecting head}	G01N 23/083, G01N 23/125
D	G01N 23/14	5	specially adapted for controlling or monitoring operations or for signalling	<administrative transfer to G01N 23/12>

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g.</u> <u>0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>"CPC only" text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
C	G01N 23/16	3	the material being a moving sheet or film	G01N 23/083, G01N 23/16
C	G01N 23/18	3	Investigating the presence of flaws defects or foreign matter	G01N 23/083, G01N 23/16, G01N 23/18
C	G01N 23/185	4	{in tyres}	G01N 23/083, G01N 23/16, G01N 23/185
M	G01N 23/20	1	by using diffraction of the radiation by the materials, e.g. for investigating crystal structure; by using scattering of the radiation by the materials, e.g. for investigating non-crystalline materials; by using reflection of the radiation by the materials	
M	G01N 23/20008	2	Constructional details of analysers, e.g. characterised by X-ray source, detector or optical system; Accessories therefor; Preparing specimens therefor (monochromators for X- rays using crystals G21K 1/06)	
M	G01N 23/20016	3	Goniometers	
M	G01N 23/20025	3	Sample holders or supports therefor	
M	G01N 23/20033	4	provided with temperature control or heating means	
M	G01N 23/20041	4	for high pressure testing, e.g. anvil cells	
M	G01N 23/2005	3	Preparation of specimens samples therefor	
M	G01N 23/20058	2	Measuring diffraction of electrons, e.g. low energy electron diffraction [LEED] method or reflection high energy electron diffraction [RHEED] method	
M	G01N 23/20066	2	Measuring inelastic scatter of gamma rays, e.g. Compton effect	
M	G01N 23/20091	2	Measuring the energy-dispersion spectrum [EDS] of diffracted radiation	
C	G01N 23/201	2	by measuring small-angle scattering	G01N 23/201, G01N 23/205, G01N 23/207, G01N 23/2073
C	G01N 23/202	3	using neutrons	G01N 23/202, G01N 23/205, G01N 23/207, G01N 23/2073
M	G01N 23/203	2	Measuring back scattering	
U	G01N 23/204	3	using neutrons	
E	G01N 23/205	2	using diffraction cameras	
M	G01N 23/2055	2	Analysing diffraction patterns	
D	G01N 23/206	3	the radiation being neutrons {(G01N23/2055 takes precedence)}	<administrative transfer to G01N 23/205>

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>"CPC only" text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
E	G01N 23/207	2	Diffraction using detectors, e.g. using a probe in a central position and one or more displaceable detectors in circumferential positions	
E	G01N 23/2073	3	{using neutron detectors (neutron spectrometry G01T3/00)}	
C	G01N 23/2076	3	{for spectrometry, i.e. using an analysing crystal, e.g. for measuring X-ray fluorescence spectrum of a sample with wavelength-dispersion, i.e. WDXFS}	G01N 23/2076, G01N 23/223
C	G01N 23/22	1	by measuring secondary emission from the material	G01N 23/22, G01N 23/2209
M	G01N 23/2202	2	Preparing specimens therefor	
M	G01N 23/2204	2	Specimen supports therefor; Sample conveying means therefore	
M	G01N 23/2206	2	Combination of two or more measurements, at least one measurement being that of secondary emission, e.g. combination of secondary electron [SE] measurement and back-scattered electron [BSE] measurement	
M	G01N 23/2208	3	all measurements being of a secondary emission, e.g. combination of SE measurement and characteristic X-ray measurement	
N	G01N 23/2209	2	using wavelength dispersive spectroscopy [WDS]	
U	G01N 23/221	2	by activation analysis	
M	G01N 23/222	3	using neutron activation analysis [NAA]	
E	G01N 23/223	2	by irradiating the sample with X-rays or gamma-rays and by measuring X-ray fluorescence	
M	G01N 23/225	2	using electron or ion	
M	G01N 23/2251	3	using incident electron beams, e.g. scanning electron microscopy [SEM]	
M	G01N 23/2252	4	Measuring emitted X-rays, e.g. electron probe microanalysis [EPMA]	
M	G01N 23/2254	4	Measuring cathodoluminescence	
M	G01N 23/2255	3	using incident ion beams, e.g. proton beams	
M	G01N 23/2257	4	Measuring excited X-rays, i.e. particle-induced X-ray emission [PIXE]	
C	G01N 23/2258	4	Measuring secondary ion emission, e.g. secondary ion mass spectrometry [SIMS] (mass-to-charge ratio analysis aspects of SIMS for material analysis G01N 27/62)	G01N 23/2258, G01N 27/62
M	G01N 23/227	2	Measuring photoelectric effect, e.g. photoelectron emission microscopy [PEEM]	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G01N 23/2273	3	Measuring photoelectron spectrum, e.g. electron spectroscopy for chemical analysis [ESCA] or X-ray photoelectron spectroscopy [XPS]	
M	G01N 23/2276	3	using the Auger effect, e.g. Auger electron spectroscopy [AES]	
E	G01N 27/62	1	by investigating the ionisation of gases; by investigating electric discharges, e.g. emission of cathode	

*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; E= 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).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. 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 except "D" which requires only a symbol.
- #“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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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B. New, Modified or Deleted Warning notice(s)**SUBCLASS G01N – INVESTIGATING OR ANALYSING MATERIALS BY DETERMINING THEIR CHEMICAL OR PHYSICAL PROPERTIES**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	G01N 23/04		Group G01N 23/04 is impacted by reclassification into groups G01N 23/041 and G01N 23/044. Groups G01N 23/04, G01N 23/041, and G01N 23/044 should be considered in order to perform a complete search.
N	G01N 23/041		Group G01N 23/041 is incomplete pending reclassification of documents from groups G01N 23/04 and G01N 23/043. Groups G01N 23/04, G01N 23/043, and G01N 23/041 should be considered in order to perform a complete search.
N	G01N 23/043		Group G01N 23/043 is impacted by reclassification into groups G01N 23/041 and G01N 23/044. Groups G01N 23/043, G01N 23/041, and G01N 23/044 should be considered in order to perform a complete search.
N	G01N 23/044		Group G01N 23/044 is incomplete pending reclassification of documents from groups G01N 23/04 and G01N 23/043. Groups G01N 23/04, G01N 23/043, and G01N 23/044 should be considered in order to perform a complete search.
N	G01N 23/06		Group G01N 23/06 is impacted by reclassification into group G01N 23/083. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01N 23/083		Group G01N 23/083 is incomplete pending reclassification of documents from groups G01N 23/06 and G01N 23/10 – G01N23/185. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01N 23/09		Group G01N 23/09 is impacted by reclassification into groups G01N 23/10, G01N 23/12, G01N 23/125, G01N 23/16, and G01N 23/18. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01N 23/10		Group G01N 23/10 is incomplete pending reclassification of documents from group G01N 23/09. Group G01N 23/10 is also impacted by reclassification into group G01N 23/083. Groups G01N 23/09, G01N 23/10, and G01N 23/083 should be considered in order to perform a complete search.
N	G01N 23/12		Group G01N 23/12 is incomplete pending reclassification of documents from group G01N 23/09. Group G01N 23/12 is also impacted by reclassification into group G01N 23/083. Groups G01N 23/09, G01N 23/12, and G01N 23/083 should be considered in order to perform a complete search.
N	G01N 23/125		Group G01N 23/125 is incomplete pending reclassification of documents from group G01N 23/09. Group G01N 23/125 is also impacted by reclassification into group G01N 23/083. Groups G01N 23/09, G01N 23/125, and G01N 23/083 should be considered in order to perform a complete search.
N	G01N 23/16		Group G01N 23/16 is incomplete pending reclassification of documents from groups G01N 23/09, G01N 23/18, and G01N 23/185. Group G01N 23/16 is also impacted by reclassification into group G01N 23/083. All groups listed in this Warning should be considered in order to perform a complete search.

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Type*	Location	Old Warning notice	New/Modified Warning notice
N	G01N 23/18		Group G01N 23/18 is incomplete pending reclassification of documents from group G01N 23/09. Group G01N 23/18 is also impacted by reclassification into groups G01N 23/083, and G01N 23/16. Groups G01N 23/09, G01N 23/18, and G01N 23/16 should be considered in order to perform a complete search.
N	G01N 23/185		Group G01N 23/185 is impacted by reclassification into groups G01N 23/083, and G01N23/16. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01N 23/201		Group G01N 23/201 is impacted by reclassification into groups G01N 23/205, G01N 23/207, and G01N 23/2073. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01N 23/202		Group G01N 23/202 is impacted by reclassification into groups G01N 23/205, G01N 23/207, and G01N 23/2073. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01N 23/205		Group G01N 23/205 is incomplete pending reclassification of documents from groups G01N 23/201 and G01N 23/202. Groups G01N 23/201, G01N23/202 and G01N 23/205 should be considered in order to perform a complete search.
N	G01N 23/207		Group G01N 23/207 is incomplete pending reclassification of documents from groups G01N 23/201 and G01N 23/202. Groups G01N 23/201, G01N23/202 and G01N 23/207 should be considered in order to perform a complete search.
N	G01N 23/2073		Group G01N 23/2073 is incomplete pending reclassification of documents from groups G01N 23/201 and G01N 23/202. Groups G01N 23/201, G01N23/202 and G01N 23/2073 should be considered in order to perform a complete search.
N	G01N 23/2076		Group G01N 23/2076 is impacted by reclassification into group G01N 23/223. Groups G01N 23/2076 and G01N 23/223 should be considered in order to perform a complete search.
N	G01N 23/22		Group G01N 23/22 is impacted by reclassification into group G01N 23/2209. Groups G01N 23/22 and G01N 23/2209 should be considered in order to perform a complete search.
N	G01N 23/2209		Group G01N 23/2209 is incomplete pending reclassification of documents from group G01N 23/22. Groups G01N 23/22 and G01N 23/2209 should be considered in order to perform a complete search.
N	G01N 23/223		Group G01N 23/223 is incomplete pending reclassification of documents from group G01N 23/2076. Groups G01N 23/2076 and G01N 23/223 should be considered in order to perform a complete search.
N	G01N 23/2258		Group G01N 23/2258 is impacted by reclassification into group G01N 27/62. Groups G01N 23/2258 and G01N 27/62 should be considered in order to perform a complete search.
N	G01N 27/62		Group G01N 27/62 is incomplete pending reclassification of documents from group G01N 23/2258. Groups G01N 23/2258 and G01N 27/62 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 G01N – INVESTIGATING OR ANALYSING MATERIALS BY DETERMINING THEIR CHEMICAL OR PHYSICAL PROPERTIES

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	G01N 21/00	This group does not cover the investigation of spectral properties of light per se, or measurements of the properties of materials where spectral properties of light are sensed and primary emphasis is placed on creating, detecting or analysing the spectrum providing that the properties of the materials to be investigated are of minor importance (see also Note (4) after the title of class G01). Those subjects are covered by group G01J3/00.	This group <u>does not cover</u> the investigation of spectral properties of light <u>per se</u> , or measurements of the properties of materials where spectral properties of light are sensed and primary emphasis is placed on creating, detecting or analysing the spectrum providing that the properties of the materials to be investigated are of minor importance. Those subjects are covered by group G01J 3/00.

*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.

2. A. DEFINITIONS (modified)

G01N23/00

References

References out of a residual place

Examples of places in relation to which this place is residual:

Insert: The following rows into *References out of a residual place* table.

Investigating strength properties of solid materials by application of mechanical stress	G01N3/00
Analysing materials by weighing, e.g. weighing small particles separated from a gas or liquid	G01N5/00
Analysing materials by measuring the pressure or volume of a gas or vapour	G01N7/00
Investigating density or specific gravity of materials; analysing materials by determining density or specific gravity	G01N9/00
Investigating flow properties of materials, e.g. viscosity, plasticity; analysing materials by determining flow properties	G01N11/00
Investigating surface or boundary effects, e.g. wetting power; investigating diffusion effects; analysing materials by determining surface, boundary, or diffusion effects	G01N13/00
Investigating characteristics of particles; investigating permeability, pore-volume, or surface-area of porous materials	G01N15/00
Investigating resistance of materials to the weather, to corrosion, or to light	G01N17/00

Limiting references

This place does not cover:

Delete: The entire *Limiting references* section/table.

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	G01N 23/04	G01N 23/04, G01N 23/041, G01N 23/044
C	G01N 23/043	G01N 23/043, G01N 23/041, G01N 23/044
C	G01N 23/06	G01N 23/06, G01N 23/083
D	G01N 23/063	<administrative transfer to G01N 23/085>
D	G01N 23/066	<administrative transfer to G01N 23/095>
D	G01N 23/08	<administrative transfer to G01N 23/06>
C	G01N 23/09	G01N 23/09, G01N 23/10, G01N 23/12, G01N 23/125, G01N 23/16, G01N 23/18
C	G01N 23/10	G01N 23/083, G01N 23/10
C	G01N 23/12	G01N 23/083, G01N 23/12
C	G01N 23/125	G01N 23/083, G01N 23/125
D	G01N 23/14	<administrative transfer to G01N 23/12>
C	G01N 23/16	G01N 23/083, G01N 23/16
C	G01N 23/18	G01N 23/083, G01N 23/16, G01N 23/18
C	G01N 23/185	G01N 23/083, G01N 23/16, G01N 23/185
C	G01N 23/201	G01N 23/201, G01N 23/205, G01N 23/207, G01N 23/2073
C	G01N 23/202	G01N 23/202, G01N 23/205, G01N 23/207, G01N 23/2073
D	G01N 23/206	<administrative transfer to G01N 23/205>
C	G01N 23/2076	G01N 23/2076, G01N 23/223
C	G01N 23/22	G01N 23/22, G01N 23/2209
C	G01N 23/2258	G01N 23/2258, G01N 27/62

* 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.

NOTES:

- Only C, D, F and Q type entries are included in the table above.
- When multiple symbols are included in the “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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G01N 23/041	G01N 23/041	NEW
G01N 23/044	G01N 23/044	NEW
G01N 23/046	G01N 23/046	UPDATED
G01N 23/063	G01N 23/063	DELETE
G01N 23/066	G01N 23/066	DELETE
G01N 23/08	G01N 23/08	DELETE
G01N 23/085	G01N 23/085	NEW
G01N 23/095	G01N 23/095	NEW
G01N 23/14	G01N 23/14	DELETE
G01N 23/20008	G01N 23/20008	UPDATED
G01N 23/20016	G01N 23/20016	UPDATED
G01N 23/20025	G01N 23/20025	UPDATED
G01N 23/20033	G01N 23/20033	UPDATED
G01N 23/20041	G01N 23/20041	UPDATED
G01N 23/2005	G01N 23/2005	UPDATED
G01N 23/20058	G01N 23/20058	UPDATED
G01N 23/20066	G01N 23/20066	UPDATED
G01N 23/20091	G01N 23/20091	UPDATED
G01N 23/2055	G01N 23/2055	UPDATED
G01N 23/206	G01N 23/206	DELETE
G01N 23/2202	G01N 23/2202	UPDATED
G01N 23/2204	G01N 23/2204	UPDATED
G01N 23/2206	G01N 23/2206	UPDATED
G01N 23/2208	G01N 23/2208	UPDATED
G01N 23/2209	G01N 23/2209	NEW
G01N 23/2251	G01N 23/2251	UPDATED
G01N 23/2252	G01N 23/2252	UPDATED
G01N 23/2254	G01N 23/2254	UPDATED
G01N 23/2255	G01N 23/2255	UPDATED
G01N 23/2257	G01N 23/2257	UPDATED
G01N 23/2258	G01N 23/2258	UPDATED
G01N 23/2273	G01N 23/2273	UPDATED
G01N 23/2276	G01N 23/2276	UPDATED

*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.

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