EUROPEAN PATENT OFFICE U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1211

DATE: JANUARY 1, 2022

PROJECT RP0736

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

Action	Subclass	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	B01D	46/0019, 46/002, 46/0021, 46/0023, 46/0024, 46/0026, 46/0057, 46/0058, 46/006, 46/0061, 46/0063, 46/0064, 46/0065, 46/0067, 46/0068, 46/0069, 46/0071, 46/0072, 46/0073, 46/0075, 46/0076, 46/0078, 46/0079, 46/008, 46/0082, 46/0083, 46/125
Symbols New:	B01D	46/121, 46/56, 46/58, 46/60, 46/62, 46/64, 46/645, 46/66, 46/68, 46/681, 46/682, 46/69, 46/70, 46/71, 46/715, 46/72, 46/74, 46/76, 46/762, 46/78, 46/785, 46/79, 46/80, 46/82, 46/84, 46/86, 46/88, 46/90
Titles Changed:	B01D	46/00, 46/10
Warnings New:	B01D	46/681, 46/682
Notes New:	B01D	46/68
Guidance Headings Modified:	B01D	45/00
DEFINITIONS:		
Definitions Deleted:	B01D	46/0057
Definitions Modified:	B01D	46/00

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)
- \bigcirc 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)

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- 3. X 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. <u>New</u>, Modified or Deleted Group(s)

SUBCLASS B01D - SEPARATION (separating solids from solids by wet methods B03B, B03D; by pneumatic jigs or tables B03B; by other dry methods B07; magnetic or electrostatic separation of solid materials from solid materials or fluids, separation by high-voltage electric fields B03C; centrifuges, vortex apparatus B04; presses per se for squeezing-out liquid from liquid-containing material B30B 9/02; treatment of water C02F, e.g. softening by ion-exchange C02F 1/42; {arrangements of air intake cleaners in gas turbine plants F02C 7/05}; arrangements or mounting of filters in air-conditioning, air-humidification or ventilation F24F 13/28)

Type*	<u>Symbol</u>	<u>Indent</u> <u>Level</u> <u>Number</u> <u>of dots</u> <u>(e.g. 0,</u> <u>1, 2)</u>	<u>Title</u> <u>"CPC only" text should normally be</u> <u>enclosed in {curly brackets}</u> **	<u>Transferred to</u> [#]
М	B01D 46/00	0	Filters or filtering processes specially modified for separating dispersed particles from gases or vapours (filtering elements B01D 24/00-B01D 35/00; filtering material B01D 39/00; their regeneration outside the filters B01D 41/00)	
D	B01D 46/0019	1	{with multiple filtering elements, characterised by their mutual disposition}	< administrative transfer to B01D 46/56>
D	B01D 46/002	2	{connected in parallel}	< administrative transfer to B01D 46/58 >
D	B01D 46/0021	3	{arranged concentrically or coaxially}	< administrative transfer to B01D 46/60 >
D	B01D 46/0023	2	{connected in series}	< administrative transfer to B01D 46/62 >
D	B01D 46/0024	3	{arranged concentrically or coaxially}	< administrative transfer to B01D 46/64 >
D	B01D 46/0026	3	{Protecting screens at filter inlet or outlet}	< administrative transfer to B01D 46/645 >
D	B01D 46/0057	1	{Regenerating the filter material in the filter (B01D 46/04, B01D 46/48 take precedence)}	< administrative transfer to B01D 46/66 >
D	B01D 46/0058	2	{Devices for taking out of action one or more units of multi-unit filters}	< administrative transfer to B01D 46/90 >
D	B01D 46/006	2	{Chemical processes for the removal of the retained particles, e.g. by burning of processes}	< administrative transfer to B01D 46/80 >
D	B01D 46/0061	3	{making use of catalysts}	< administrative transfer to B01D 46/82 >
D	B01D 46/0063	3	{by heating only}	< administrative transfer to B01D 46/84 >
D	B01D 46/0064	2	{by means of acting on the cake side and moving with respect to the filtering elements}	< administrative transfer to B01D 46/68 >

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Type*	<u>Symbol</u>	<u>Indent</u> <u>Level</u> <u>Number</u> <u>of dots</u> <u>(e.g. 0,</u> <u>1, 2)</u>	<u>Title</u> <u>"CPC only" text should normally be</u> <u>enclosed in {curly brackets}</u> **	<u>Transferred to[#]</u>
D	B01D 46/0065	3	{by scrapers, brushes, nozzles or the like}	< administrative transfer to B01D 46/681 >
D	B01D 46/0067	2	{by acting counter-currently on the filtering surface (e.g. flushing)}	< administrative transfer to B01D 46/70 >
D	B01D 46/0068	3	{with pressurised gas, e.g. pulsed air}	< administrative transfer to B01D 46/71 >
D	B01D 46/0069	4	{Using pressurized gas at supersonic velocities}	< administrative transfer to B01D 46/715 >
D	B01D 46/0071	3	{with backwash arms, shoes or nozzles}	< administrative transfer to B01D 46/72 >
D	B01D 46/0072	2	{by forces created by movement of the filter element}	< administrative transfer to B01D 46/74 >
D	B01D 46/0073	3	{involving contrifugal forces}	< administrative transfer to B01D 46/78 >
D	B01D 46/0075	3	{involving vibrations or shaking}	< administrative transfer to B01D 46/76 >
D	B01D 46/0076	4	{involving sonic or ultrasonic waves}	< administrative transfer to B01D 46/762 >
D	B01D 46/0078	2	{by electrical means, e.g. for the generation of electrostatic forces in order to reject particles}	< administrative transfer to B01D 46/785 >
D	B01D 46/0079	2	{by other means not moving with respect to the filtering elements, e.g. fixed nozzles on the cake side}	< administrative transfer to B01D 46/69 >
D	B01D 46/008	2	{Replacing filter elements}	< administrative transfer to B01D 46/88 >
D	B01D 46/0082	2	{Washing the filter inside the filter housing}	< administrative transfer to B01D 46/79 >
D	B01D 46/0083	2	{Cleaning the filter surface by interrupting suction so that the filter cake falls by gravity}	< administrative transfer to B01D 46/86 >
М	B01D 46/10	1	Particle separators, e.g. dust precipitators, using filter plates, sheets or pads having plane surfaces	
U	B01D 46/12	2	in multiple arrangements	
D	B01D 46/125	3	{V-type arrangements}	< administrative transfer to B01D 46/121 >
Ν	B01D 46/121	3	V-type arrangements	
U	B01D 46/546	2	{using nano- or microfibres}	
N	B01D 46/56	1	with multiple filtering elements, characterised by their mutual disposition (B01D 46/12 takes precedence)	
N	B01D 46/58	2	connected in parallel	
N	B01D 46/60	3	arranged concentrically or coaxially	
Ν	B01D 46/62	2	connected in series	

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<u>Type</u> *	<u>Symbol</u>	Indent Level Number of dots (e.g. 0, 1, 2)	<u>Title</u> <u>"CPC only" text should normally be</u> <u>enclosed in {curly brackets}</u> **	<u>Transferred to[#]</u>
N	B01D 46/64	3	arranged concentrically or coaxially	
N	B01D 46/645	3	{Protecting screens at filter inlet or outlet}	
N	B01D 46/66	1	Regeneration of the filtering material or filter elements inside the filter (B01D 46/04, B01D 46/48 take precedence)	
N	B01D 46/68	2	by means acting on the cake side involving movement with regard to the filter elements	
Q	B01D 46/681	3	by scrapers, brushes or the like	B01D 46/681, B01D 46/682
N	B01D 46/682	3	by nozzles	
N	B01D 46/69	2	by means acting on the cake side without movement with respect to the filter elements, e.g. fixed nozzles	
N	B01D 46/70	2	by acting counter-currently on the filtering surface, e.g. by flushing on the non-cake side of the filter	
N	B01D 46/71	3	with pressurised gas, e.g. pulsed air	
N	B01D 46/715	4	{Using pressurized gas at supersonic velocities}	
N	B01D 46/72	3	with backwash arms, shoes or nozzles	
N	B01D 46/74	2	by forces created by movement of the filter element	
N	B01D 46/76	3	involving vibrations	
N	B01D 46/762	4	involving sonic or ultrasonic waves	
N	B01D 46/78	3	involving centrifugal forces	
N	B01D 46/785	2	{by electrical means, e.g. for the generation of electrostatic forces in order to reject particles}	
N	B01D 46/79	2	by liquid process	
N	B01D 46/80	2	Chemical processes for the removal of the retained particles, e.g. by burning	
N	B01D 46/82	3	with catalysts	
N	B01D 46/84	3	by heating only	
N	B01D 46/86	2	Cleaning the filter surface by interrupting suction so that the filter cake falls by gravity	
N	B01D 46/88	1	Replacing filter elements	
N	B01D 46/90	1	Devices for taking out of action one or more units of multi-unit filters, e.g. for regeneration or maintenance	

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

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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.

- **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.

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B. <u>New, Modified or Deleted Warning(s)</u>

SUBCLASS B01D - SEPARATION (separating solids from solids by wet methods B03B, B03D; by pneumatic jigs or tables B03B; by other dry methods B07; magnetic or electrostatic separation of solid materials from solid materials or fluids, separation by high-voltage electric fields B03C; centrifuges, vortex apparatus B04; presses per se for squeezing-out liquid from liquid-containing material B30B 9/02; treatment of water C02F, e.g. softening by ion-exchange C02F 1/42; {arrangements of air intake cleaners in gas turbine plants F02C 7/05}; arrangements or mounting of filters in air-conditioning, air-humidification or ventilation F24F 13/28)

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	B01D 46/681		Insert the following <u>new</u> warning:
			Group B01D 46/681 is impacted by reclassification into group B01D 46/682. Groups B01D 46/681 and B01D 46/682 should be considered in order to perform a complete search.
N	B01D 46/682		Insert the following <u>new</u> warning: Group B01D 46/682 is incomplete pending reclassification of documents from group B01D 46/681. Groups B01D 46/681 and B01D 46/682 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. <u>New</u>, Modified or Deleted Note(s)

SUBCLASS B01D - SEPARATION (separating solids from solids by wet methods B03B, B03D; by pneumatic jigs or tables B03B; by other dry methods B07; magnetic or electrostatic separation of solid materials from solid materials or fluids, separation by high-voltage electric fields B03C; centrifuges, vortex apparatus B04; presses per se for squeezing-out liquid from liquid-containing material B30B 9/02; treatment of water C02F, e.g. softening by ion-exchange C02F 1/42; {arrangements of air intake cleaners in gas turbine plants F02C 7/05}; arrangements or mounting of filters in air-conditioning, air-humidification or ventilation F24F 13/28)

<u>Type</u> *	Location	Old Note	<u>New/Modified Note</u>
N	B01D 46/68		Insert the following <u>new</u> note. Groups B01D 46/68 - B01D 46/78 are only for dry processes.

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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D. <u>New, Modified or Deleted Guidance Heading(s)</u>

SUBCLASS B01D - SEPARATION (separating solids from solids by wet methods B03B, B03D; by pneumatic jigs or tables B03B; by other dry methods B07; magnetic or electrostatic separation of solid materials from solid materials or fluids, separation by high-voltage electric fields B03C; centrifuges, vortex apparatus B04; presses per se for squeezing-out liquid from liquid-containing material B30B 9/02; treatment of water C02F, e.g. softening by ion-exchange C02F 1/42; {arrangements of air intake cleaners in gas turbine plants F02C 7/05}; arrangements or mounting of filters in air-conditioning, air-humidification or ventilation F24F 13/28)

<u>Type</u> *	Location	Old Guidance Heading	<u>New/Modified Guidance Heading</u>
М	B01D 45/00 – B01D59/00	Separating dispersed particles from gases or vapours (suction cleaner filters A47L 9/10; filters for breathing-protection purposes A62B 23/00; filtering air for vehicles B60H 3/06; separating pneumatically-conveyed materials from propelling gas B65G 53/60; exhaust or silencing apparatus for machines or engines having means for removing solid constituents of exhaust F01N 3/02; air cleaners for the intakes of gas-turbine or jet- propulsion plants F02C 7/05, of combustion engines F02M 35/024, of compressors F04B 39/16; filtering in air- conditioning F24F 3/16, F24F 8/10)	Replace the text of the existing "Guidance Heading" with the following modified text: Separating dispersed particles from gases or vapours

*N = new guidance heading, M =modified guidance heading, D = deleted guidance heading

- The "Location" column requires the symbol AFTER the guidance heading location. No further directions such as "before" or "after" are required.
- In cases where there may be confusion as to whether a new group falls within the scope of a guidance heading, indicate the guidance heading and whether the group does or does not go with the guidance heading. This can be included in the "Location" column. For example, the guidance heading <u>"Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen"</u> encompasses groups C07C 301/00-395/00 only. If a new group C07C 398/00 is proposed and is included in the guidance heading scope, indicate this in the "Location" column as follows: 398/00 to be included under the guidance heading: <u>"Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen."</u>

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2. A. DEFINITIONS (Modified)

B01D46/00

Limiting references

<u>Replace</u>: <u>All</u> references in the existing "Limiting references" table with the following updated references.

Filtering elements	B01D 24/00 - B01D35/00
Filter material	B01D 39/00
Regeneration of filtering material or filter elements outside the filter for liquid or gaseous fluids	B01D41/00

Informative references

<u>Replace</u>: <u>All</u> references in the existing "Informative references" table with the following updated references.

Suction cleaners having filters	A47L9/10
Sterilisation of air	A61L 9/00
Sterilization of air by filtration	A61L 9/16
Separating particles using centrifugal forces or inertia	B01D45/00
Separation of gases or vapours	B01D 53/00
Membranes	B01D 63/00 - B01D 71/00
Chemical or physical processes	B01J
Filters for laboratory use	B01L
Magnetic filters	B03C 1/00
Electrostatic filters	B03C 3/00
Centrifuges	B04B
Cyclones	B04C

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Separating solids from solids by sieving, screening	B07B
Air conditioning systems for vehicles including filters	B60H 3/06
Ceramic honeycomb structures per se	C04B 38/0006
Exhaust filters for internal combustion engines	F01N 3/021
Intake systems for internal combustion engines	F02M 35/024
Filters for kitchen	F24C 15/2035
Air conditioning systems comprising filters	F24F 8/10

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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
B01D 46/0057	Definition		Delete the entire definition.

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	To CPC Symbol(s)
	(existing)	
D	B01D 46/0019	< administrative transfer to B01D 46/56>
D	B01D 46/002	< administrative transfer to B01D 46/58 >
D	B01D 46/0021	< administrative transfer to B01D 46/60 >
D	B01D 46/0023	< administrative transfer to B01D 46/62 >
D	B01D 46/0024	< administrative transfer to B01D 46/64 >
D	B01D 46/0026	< administrative transfer to B01D 46/645 >
D	B01D 46/0057	< administrative transfer to B01D 46/66 >
D	B01D 46/0058	< administrative transfer to B01D 46/90 >
D	B01D 46/006	< administrative transfer to B01D 46/80 >
D	B01D 46/0061	< administrative transfer to B01D 46/82 >
D	B01D 46/0063	< administrative transfer to B01D 46/84 >
D	B01D 46/0064	< administrative transfer to B01D 46/68 >
D	B01D 46/0065	< administrative transfer to B01D 46/681 >
D	B01D 46/0067	< administrative transfer to B01D 46/70 >
D	B01D 46/0068	< administrative transfer to B01D 46/71 >
D	B01D 46/0069	< administrative transfer to B01D 46/715 >
D	B01D 46/0071	< administrative transfer to B01D 46/72 >
D	B01D 46/0072	< administrative transfer to B01D 46/74 >
D	B01D 46/0073	< administrative transfer to B01D 46/78 >
D	B01D 46/0075	< administrative transfer to B01D 46/76 >
D	B01D 46/0076	< administrative transfer to B01D 46/762 >
D	B01D 46/0078	< administrative transfer to B01D 46/785 >
D	B01D 46/0079	< administrative transfer to B01D 46/69 >
D	B01D 46/008	< administrative transfer to B01D 46/88 >
D	B01D 46/0082	< administrative transfer to B01D 46/79 >
D	B01D 46/0083	< administrative transfer to B01D 46/86 >
D	B01D 46/125	< administrative transfer to B01D 46/121 >
Q	B01D 46/681	B01D 46/681, B01D 46/682

* 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.

- <u>Only</u> 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>	IPC	Action*	
B01D 46/0019		DELETE	
B01D 46/002		DELETE	
B01D 46/0021		DELETE	
B01D 46/0023		DELETE	
B01D 46/0023		DELETE	
B01D 46/0024 B01D 46/0026		DELETE	
B01D 46/0020 B01D 46/0057		DELETE	
B01D 46/0058		DELETE	
B01D 46/006		DELETE	
B01D 46/0061		DELETE	
B01D 46/0063		DELETE	
B01D 46/0063 B01D 46/0064		DELETE	
B01D 46/0065		DELETE	
B01D 46/0063 B01D 46/0067		DELETE	
B01D 46/0067 B01D 46/0068		DELETE	
B01D 46/0068 B01D 46/0069			
		DELETE	
B01D 46/0071		DELETE	
B01D 46/0072		DELETE	
B01D 46/0073		DELETE	
B01D 46/0075		DELETE	
B01D 46/0076		DELETE	
B01D 46/0078		DELETE	
B01D 46/0079		DELETE	
B01D 46/008		DELETE	
B01D 46/0082		DELETE	
B01D 46/0083		DELETE	
B01D 46/121	B01D 46/121	NEW	
B01D 46/125	B01D 46/12	DELETE	
B01D 46/56	B01D 46/56	NEW	
B01D 46/58	B01D 46/58	NEW	
B01D 46/60	B01D 46/60	NEW	
B01D 46/62	B01D 46/62	NEW	
B01D 46/64	B01D 46/64	NEW	
B01D 46/645	B01D 46/62	NEW	
B01D 46/66	B01D 46/66	NEW	
B01D 46/68	B01D 46/68	NEW	
B01D 46/681	B01D 46/681	NEW	
B01D 46/682	B01D 46/682	NEW	
B01D 46/69	B01D 46/69	NEW	
B01D 46/70	B01D 46/70	NEW	
B01D 46/71	B01D 46/71	NEW	
B01D 46/715	B01D 46/71	NEW	

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CPC	IPC	Action*
B01D 46/72	B01D 46/72	NEW
B01D 46/74	B01D 46/74	NEW
B01D 46/76	B01D 46/76	NEW
B01D 46/762	B01D 46/762	NEW
B01D 46/78	B01D 46/78	NEW
B01D 46/785	B01D 46/66	NEW
B01D 46/79	B01D 46/79	NEW
B01D 46/80	B01D 46/80	NEW
B01D 46/82	B01D 46/82	NEW
B01D 46/84	B01D 46/84	NEW
B01D 46/86	B01D 46/86	NEW
B01D 46/88	B01D 46/88	NEW
B01D 46/90	B01D 46/90	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".

- F symbols are <u>not</u> 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.