

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1056

DATE: MAY 1, 2021

PROJECT RP0426

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:	B01D	25/04, 25/06, 25/08, 25/10, 25/121, 25/122, 25/124, 25/125, 25/14, 25/16, 25/18, 25/20
	B01D	39/1684, 39/2096
Titles Changed:	B01D	25/12
	B01D	29/09
DEFINITIONS:		
Definitions Modified:	B01D	23/00
	B01D	24/00
	B01D	25/00
	B01D	27/00
	B01D	29/00
	B01D	29/09

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)

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1. CLASSIFICATION SCHEME CHANGES

A. New, 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)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (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	B01D25/04	1	{with screens or sheets, e.g. cloths, paper (B01D25/12 takes precedence)}	<administrative transfer to B01D29/00>
D	B01D25/06	1	{with loose, granular or fibrous filtering material}	<administrative transfer to B01D24/00>
D	B01D25/08	1	{with rigid self-supporting filtering elements}	<administrative transfer to B01D29/03>
D	B01D25/10	1	{in which the suspended particles form the filtering medium}	<administrative transfer to B01D24/00>
M	B01D25/12	1	Filter presses, i.e. of the plate or plate and frame type	
D	B01D25/121	2	{with bandshaped filtering elements intermittently entrained between the press plates, the lateral sides of the elements being clamped between two successive plates or between a plate and a successive frame during the filtration period, e.g. zigzag endless filter belts}	<administrative transfer to B01D25/127>
D	B01D25/122	2	{Construction of the plates}	<administrative transfer to B01D25/215>

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (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	B01D25/124	2	{Pressing-out operation after filtration, e.g. of the cake (presses in general B30)}	<administrative transfer to B01D25/164>
D	B01D25/125	2	{Opening and/or closing and/or pressure applying devices or means}	<administrative transfer to B01D25/164>
D	B01D25/14	2	{Clamping means clamping of filter cloth or similar securing means}	<administrative transfer to B01D25/164>
D	B01D25/16	1	{Edge filtering elements, i.e. using contiguous impervious surfaces}	<administrative transfer to B01D29/44>
U	B01D25/164	2	Chamber-plate presses, i.e. the sides of the filtering elements being clamped between two successive filtering plates (B01D25/127, B01D25/172, B01D25/176, B01D25/19 take precedence)	
U	B01D25/1645	3	{the plates being placed in a non-vertical position}	
U	B01D25/172	2	Plate spreading means (removal of filter cakes B01D25/32)	
U	B01D25/176	2	attaching the filter element to the filter press plates, e.g. around the central feed hole in the plates	
D	B01D25/18	2	{of flat, stacked bodies}	<administrative transfer to B01D29/46>
U	B01D25/19	2	Clamping means for closing the filter press, e.g. hydraulic jacks	
D	B01D25/20	2	{of spirally or helically wound bodies}	<administrative transfer to B01D29/48>

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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#
U	B01D25/21	2	Plate and frame presses (B01D25/172, B01D25/176, B01D25/19 take precedence)	
U	B01D25/215	3	{Construction of the filter plates, frames}	
M	B01D29/09	1	with filtering bands, e.g. movable between filtering operations	
D	B01D39/1684	3	{Wound filtering material}	<administrative transfer to B01D39/16>
D	B01D39/2096	3	{Wound materials}	<administrative transfer to B01D39/20>

*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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2. A. DEFINITIONS (modified)

B01D 23/00

Special rules of classification

Replace: The three existing bullet points within the Special rules of classification section with the following two bullet points.

- The group [B01D 23/00](#) is no longer valid for classification. The group [B01D 24/00](#) was introduced in March 1989. This group includes subject matter of [B01D 23/00](#) and [B01D 29/0027](#).
- Documents from the backlog of the group [B01D 23/00](#) and the subgroup [B01D 29/0027](#) are in the process of being revised and systematically transferred to [B01D 24/00](#).

B01D 24/00

Limiting references

Delete: The following four existing rows from the Limiting references table.

Gas Filters	B01D 46/00
Separation of gases or vapours	B01D 53/00
Chemical or physical processes	B01J
Treatment of water, waste water, sewage, or sludge only when no mechanical filtration is involved	C02F

Informative references

Replace: The existing Informative references table with the following revised table.

Gravity filters	B01D 23/00
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Filters with loose, granular or fibrous filtering elements with filtering elements stationary during filtration	B01D 29/0027
Gas Filters	B01D 46/00
Separation of gases or vapours	B01D 53/00
Chemical or physical processes	B01J
Treatment of water, waste water, sewage, or sludge only when no mechanical filtration is involved	C02F

Special rules of classification

Replace: The three existing bullet points within the Special rules of classification section with the following two bullet points.

- The group [B01D 24/00](#) was introduced in March 1989. This group includes subject matter of [B01D 23/00](#) and [B01D 29/0027](#)
- Documents from the backlog of the group [B01D 23/00](#) and the subgroup [B01D 29/0027](#) are in the process of being revised and also systematically transferred to [B01D 24/00](#)

B01D 25/00

Limiting references

Delete: The following five rows from the Limiting references table.

Edge filtering elements, i.e. using impervious surfaces.	B01D 29/44, B01D 29/46, B01D 29/48
Gas Filters	B01D 46/00
Separation of gases or vapours	B01D 53/00
Chemical or physical processes	B01J

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Treatment of water, waste water, sewage, or sludge only when no mechanical filtration is involved	C02F
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Insert: The following new Informative references section.

Informative references

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

Edge filtering elements, i.e. using impervious surfaces	B01D 29/44, B01D 29/46, B01D 29/48
Gas Filters	B01D 46/00
Separation of gases or vapours	B01D 53/00
Chemical or physical processes	B01J
Treatment of water, waste water, sewage, or sludge only when no mechanical filtration is involved	C02F

Delete: The existing Special rules of classification section.

B01D 27/00

References

Delete: The existing Limiting references section.

Insert: The following new Informative references section.

Informative references

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

Gas Filters	B01D 46/00
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Separation of gases or vapours	B01D 53/00
Chemical or physical processes	B01J
Treatment of water, waste water, sewage, or sludge only when no mechanical filtration is involved	C02F

Delete: The existing Special rules of classification section.

B01D 29/00

References

Limiting references

Replace: The existing Limiting references table with the following revised table.

Filters comprising loose filtering material	B01D 24/00
Filters formed by clamping together several filtering elements or parts of such elements	B01D 25/00
Cartridge filters of the throw-away type	B01D 27/00

Informative references

Insert: The following twenty new rows into the Informative references table.

Filters or strainers for coffee or tea makers	A47J 31/06
Deep fat fryers with means for filtering the frying liquid	A47J 37/1223
Filters for washing or rinsing machines for crockery or tableware	A47L 15/4202
Filters for dental appliances	A61C 17/065
Filter for medical purposes, body liquids	A61M 1/79
Gas Filters	B01D 46/00
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
Paint filters	B05B 15/00

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Separating solids from solids by sieving, screening	B07B
Filters for extrusion moulding	B29C 48/69
Ink filters for printers	B41J 2/17563
Treatment of water, waste water, sewage, or sludge	C02F
Filters for molten metals	C22B 9/023
Filters for washing machines (laundry)	D06F 39/10
Filters in sewerage structures	E03F 5/00
Filters used in drilling boreholes	E21B 21/00
Filters for refrigeration machines, plants or systems	F25B 43/003

Special rules of classification

Delete: The following bullet point from the Special rules of classification.

- The combination classes of the type B01D 29/111+ B01D 29/21 are no longer used from October 1, 2011 onwards. Documents are classified as Combination-sets(C-set), e.g. (B01D 29/111, B01D 29/21).

B01D 29/09

References

Delete: The existing Limiting references section.

Insert: The following new Informative references section.

Informative references

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

With one or more movable filter bands arranged to be clamped between the press plates or between a plate and a frame during filtration	B01D 25/127
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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	B01D25/04	<administrative transfer to B01D29/00>
D	B01D25/06	<administrative transfer to B01D24/00>
D	B01D25/08	<administrative transfer to B01D29/03>
D	B01D25/10	<administrative transfer to B01D24/00>
D	B01D25/121	<administrative transfer to B01D25/127>
D	B01D25/122	<administrative transfer to B01D25/215>
D	B01D25/124	<administrative transfer to B01D25/164>
D	B01D25/125	<administrative transfer to B01D25/164>
D	B01D25/14	<administrative transfer to B01D25/164>
D	B01D25/16	<administrative transfer to B01D29/44>
D	B01D25/18	<administrative transfer to B01D29/46>
D	B01D25/20	<administrative transfer to B01D29/48>
D	B01D39/1684	<administrative transfer to B01D39/16>
D	B01D39/2096	<administrative transfer to B01D39/20>

* 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>
B01D25/04		DELETE
B01D25/06		DELETE
B01D25/08		DELETE
B01D25/10		DELETE
B01D25/121		DELETE
B01D25/122		DELETE
B01D25/124		DELETE
B01D25/125		DELETE
B01D25/14		DELETE
B01D 25/16		DELETE
B01D25/18		DELETE
B01D25/20		DELETE
B01D39/1684		DELETE
B01D39/2096		DELETE

*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.