

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1341

DATE: AUGUST 1, 2022

PROJECT MP10323

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Titles Changed:	C10G	SUBCLASS
	C10G	1/008, 1/02
	C10G	3/00, 3/60, 3/62
	C10G	7/00, 7/12
	C10G	11/185, 11/187
	C10G	21/00, 21/30
	C10G	29/00
	C10G	31/00
	C10G	32/00
	C10G	33/08
	C10G	35/24
	C10G	45/68, 45/72
	C10G	47/00, 47/36
	C10G	49/00, 49/26
	C10G	50/00
	C10G	51/00
	C10G	53/00, 53/06
	C10G	55/00
	C10G	57/00
	C10G	71/00
	C10G	73/34
	C10G	75/00
Guidance Headings Modified:	C10G	45/00-50/00
<b>DEFINITIONS:</b>		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	C10G	47/00
Definitions New:	C10G	3/60, 3/62
	C10G	7/12
Definitions Modified:	C10G	Subclass
	C10G	1/00, 1/008, 1/02, 1/045, 1/10
	C10G	2/00, 2/343
	C10G	3/00
	C10G	7/00, 7/04
	C10G	9/00, 9/005
	C10G	11/187
	C10G	21/00, 21/30

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	C10G	25/03
	C10G	33/08
	C10G	35/095, 35/24
	C10G	45/00, 45/58, 45/68, 45/72
	C10G	47/34, 47/36
	C10G	49/00, 49/26
	C10G	50/00
	C10G	53/06
	C10G	71/00
	C10G	73/00, 73/34
	C10G	75/00

**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)

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 C10G- CRACKING HYDROCARBON OILS; PRODUCTION OF LIQUID HYDROCARBON MIXTURES, e.g. BY DESTRUCTIVE HYDROGENATION, OLIGOMERISATION, POLYMERISATION (cracking to hydrogen or synthesis gas C01B; cracking or pyrolysis of hydrocarbon gases to individual hydrocarbons or mixtures thereof of definite or specific constitution C07C; cracking to cokes C10B); RECOVERY OF HYDROCARBON OILS FROM OIL-SHALE, OIL-SAND, OR GASES; REFINING MIXTURES MAINLY CONSISTING OF HYDROCARBONS; REFORMING OF NAPHTHA; MINERAL WAXES (inhibiting corrosion or incrustation in general C23F)**

<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	C10G	subclass	CRACKING HYDROCARBON OILS; PRODUCTION OF LIQUID HYDROCARBON MIXTURES, e.g. BY DESTRUCTIVE HYDROGENATION, OLIGOMERISATION, POLYMERISATION (cracking to hydrogen or synthesis gas C01B; cracking or pyrolysis of hydrocarbon gases to individual hydrocarbons or mixtures thereof of definite or specified constitution C07C; cracking to cokes C10B); RECOVERY OF HYDROCARBON OILS FROM OIL-SHALE, OIL-SAND, OR GASES; REFINING MIXTURES MAINLY CONSISTING OF HYDROCARBONS; REFORMING OF NAPHTHA; MINERAL WAXES	
M	C10G1/008	1	{Controlling or regulating of liquefaction processes}	
M	C10G1/02	1	by distillation	
M	C10G3/00	0	Production of liquid hydrocarbon mixtures from oxygen-containing organic materials, e.g. fatty oils, fatty acids (production from non-melting solid oxygen-containing carbonaceous materials C10G 1/00)	
M	C10G3/60	1	{Controlling or regulating the processes}	
M	C10G3/62	1	{Catalyst regeneration}	
M	C10G7/00	0	Distillation of hydrocarbon oils	
M	C10G7/12	1	Controlling or regulating	
M	C10G11/185	3	{Energy recovery from regenerator effluent gases}	

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<b>Type*</b>	<b>Symbol</b>	<b>Indent Level Number of dots (e.g. 0, 1, 2)</b>	<b>Title</b> <b>“CPC only” text should normally be enclosed in { curly brackets }**</b>	<b>Transferred to#</b>
M	C10G11/187	3	{Controlling or regulating}	
M	C10G21/00	0	Refining of hydrocarbon oils, in the absence of hydrogen, by extraction with selective solvents (C10G 17/00, C10G 19/00 take precedence)	
M	C10G21/30	1	Controlling or regulating	
M	C10G29/00	0	Refining of hydrocarbon oils, in the absence of hydrogen, with other chemicals	
M	C10G31/00	0	Refining of hydrocarbon oils, in the absence of hydrogen, by methods not otherwise provided for (by distillation C10G 7/00)	
M	C10G32/00	0	Refining of hydrocarbon oils by electric or magnetic means, by irradiation, or by using microorganisms	
M	C10G33/08	1	Controlling or regulating	
M	C10G35/24	1	Controlling or regulating of reforming operations	
M	C10G45/68	2	Aromatisation of hydrocarbon oil fractions	
M	C10G45/72	1	Controlling or regulating	
M	C10G47/00	0	Cracking of hydrocarbon oils, in the presence of hydrogen or hydrogen-generating compounds, to obtain lower boiling fractions (C10G 15/00 takes precedence; destructive hydrogenation of non-melting solid carbonaceous or similar materials C10G 1/06)	
M	C10G47/36	1	Controlling or regulating	
M	C10G49/00	0	Treatment of hydrocarbon oils, in the presence of hydrogen or hydrogen-generating compounds, not provided for in a single one of groups C10G 45/02, C10G 45/32, C10G 45/44, C10G 45/58 or C10G 47/00	
M	C10G49/26	1	Controlling or regulating	
M	C10G50/00	0	Production of liquid hydrocarbon mixtures from lower carbon number hydrocarbons, e.g. by oligomerisation	
M	C10G51/00	0	Treatment of hydrocarbon oils, in the absence of hydrogen, by two or more cracking processes only	
M	C10G53/00	0	Treatment of hydrocarbon oils, in the absence of hydrogen, by two or more refining processes	
M	C10G53/06	3	including only extraction steps, e.g. deasphalting by solvent treatment followed by extraction of aromatics	

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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	C10G55/00	0	Treatment of hydrocarbon oils, in the absence of hydrogen, by at least one refining process and at least one cracking process	
M	C10G57/00	0	Treatment of hydrocarbon oils, in the absence of hydrogen, by at least one cracking process or refining process and at least one other conversion process	
M	C10G71/00	0	Treatment by methods not otherwise provided for of hydrocarbon oils or fatty oils for lubricating purposes	
M	C10G73/34	2	Controlling or regulating	
M	C10G75/00	0	Inhibiting corrosion or fouling in apparatus for treatment or conversion of hydrocarbon oils, in general (C10G 7/10, C10G 9/16 take precedence)	

\*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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D. New, Modified or Deleted Guidance Heading(s)

**SUBCLASS C10G- CRACKING HYDROCARBON OILS; PRODUCTION OF LIQUID HYDROCARBON MIXTURES, e.g. BY DESTRUCTIVE HYDROGENATION, OLIGOMERISATION, POLYMERISATION (cracking to hydrogen or synthesis gas C01B; cracking or pyrolysis of hydrocarbon gases to individual hydrocarbons or mixtures thereof of definite or specific constitution C07C; cracking to cokes C10B); RECOVERY OF HYDROCARBON OILS FROM OIL-SHALE, OIL-SAND, OR GASES; REFINING MIXTURES MAINLY CONSISTING OF HYDROCARBONS; REFORMING OF NAPHTHA; MINERAL WAXES (inhibiting corrosion or incrustation in general C23F)**

<u>Type*</u>	<u>Location</u>	<u>Old Guidance Heading</u>	<u>New/Modified Guidance Heading</u>
M	C10G45/00- C10G50/00	Hydrotreatment processes (reforming of naphtha C10G 35/00)	Hydrotreatment processes

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

NOTES:

- 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 “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen” 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: “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen.”

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## 2. A. DEFINITIONS (new)

### C10G 3/60

#### References

#### Informative references

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

Controlling or regulating in general	<a href="#">G05</a>
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### C10G3/62

#### References

Informative references

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

Regeneration or reactivation of catalysts in general	<a href="#">B01J 38/00</a>
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### C10G 7/12

#### References

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## **Informative references**

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

Controlling or regulating in general	<a href="#">G05</a>
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## 2. A. DEFINITIONS (modified)

### C10G

#### Relationships with other classification places

Insert: A period at the end of each paragraph as shown below:

Processes in general and apparatus for distillation are classified in [B01D](#) and working-up unidentified gaseous mixtures obtained by cracking hydrocarbon oils are classified in [C10G 7/00](#).

Catalytic reactors are in general classified in [B01J](#) and refining of hydrocarbon oils, in the absence of hydrogen, with solid sorbents are classified in [C10G 25/00](#).

#### References:

#### Limiting references:

Delete: ALL other Limiting references table rows except the ones below:

Cracking mainly to hydrogen or synthesis gas	<a href="#">C01B</a>
Preparation of individual hydrocarbons or mixtures thereof of definite or specified constitution, including by cracking or pyrolysis of hydrocarbon gases	<a href="#">C07C</a>

#### Informative references:

Insert: The following NEW table rows into the Informative references table.

Mechanical separation of oil from oil-shale, oil-sand or the like	<a href="#">B03B</a>
Compositions essentially based on waxes	<a href="#">C08L 91/00</a>
Chemical modification of drying-oils by voltolising	<a href="#">C09F 7/04</a>

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## Special rules of classification

Replace: The Special rules of classification section text with the updated text below:

Looping references between C10G and C10B have been identified. Until this inconsistency is resolved in IPC, the current classification practice in CPC is as follows: C10B is considered as an informative reference.

In this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Groups [C10G 9/00](#) - [C10G 49/00](#) are limited to one-step processes; combined or multi-step processes are covered by groups [C10G 51/00](#) - [C10G 69/00](#). Refining or recovery of mineral waxes is covered by group [C10G 73/00](#).

Liquid intermediary products with oxygen or biomass are classified in C10G3/00.

Solid oxygen containing carbonaceous material is classified in C10G1/00.

Classification within the main scheme is only done with Invention symbols.

The use of orthogonal codes is mandatory, especially if some features are only available in the orthogonal groups, e.g. process features.

## Glossary of terms

Insert: A period at the end of the explanation statement for Destructive hydrogenation.

## C10G1/00

### References:

### Limiting references:

Replace: the existing Limiting references table with the updated one below:

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Mechanical separation of oil from oil-shales, oil-sand or the like	B03B
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**Informative references:**

Insert: The following NEW Informative references section and table.

Production of liquid hydrocarbons from rubber, rubber waste, plastic	C10G 1/10
Production of liquid hydrocarbons starting from solids using pressure	B01J 3/00

**C10G1/008****References:**

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

**Informative references:**

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

Controlling or regulating in general	G05
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**C10G1/02****References:**

Delete: The Limiting references section and table.

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Insert: The following NEW Informative references section and table.

**Informative references:**

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

Destructive distillation of oil-shale or bituminous rocks and apparatus therefor	C10B 53/06
Thermal non-catalytic cracking, in the absence of hydrogen, of hydrocarbon oils	C10G 9/00
Gasification with production of hydrogen and carbon monoxide	C10J 3/00

**C10G1/045**

**Definition statement**

Replace: The existing Definition statement with the updated one below:

Production of liquid hydrocarbons mixtures from oil-shale, oil-sand or non-melting solid carbonaceous by separation of insoluble materials.

Separation process of bitumen from froth, which can be prepared by a process is classified in [C10G 1/047](#).

**C10G1/10**

**References:**

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

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**Informative references:**

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

Lubricating compositions	C10M
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## C10G2/00

**Definition statement**

Insert: A period at the end of the following sentence:

Production of liquid hydrocarbon mixtures from CO or CO<sub>2</sub>, Fisher-Tropsch reaction.

**References:**

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

**Informative references:**

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

Production of liquid hydrocarbons form oxygenated hydrocarbons	C10G 3/00
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## C10G2/343

**References**

Delete: The Limiting references section and table.

## C10G3/00

**Relationships with other classification places**

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Insert: New Relationships with other classification places section and text.

Preparation of individual hydrocarbons or mixtures thereof from compounds containing exclusively or additionally elements other than carbon and hydrogen, are classified in C07C1/00.

**References:**

**Limiting references:**

Delete: The following reference from the Limiting references table.

Preparation of individual hydrocarbons or mixtures thereof of definite or specified contribution	C07C 1/00
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## C10G7/00

**References:**

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

**Informative references:**

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

Processes combining adsorption and distillation	C10G 25/11
Distillation in general	B01D 1/00 - B01D 71/00

## C10G7/04

**References:**

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

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**Informative references:**

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

Dewatering with electrical or magnetic means	C10G 32/02
Dewatering with chemical means	C10G 33/04
Dewatering with mechanical means	C10G 33/06
Treatment of water, waste water, sewage or sludge	C02F

**C10G9/00**

**References:**

Delete: The Limiting references section and table.

**C10G9/005**

**Definition statement**

Insert: A period at the end of the Definition statement so it reads as follows:

Coking, in the absence of hydrogen, of hydrocarbon oils to produce liquid products.

**References:**

Delete: The Limiting references section and table.

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Insert: The following NEW Informative references section and table.

**Informative references:**

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

Thermal cracking with production of gas, coke or tar as main product	C10B 1/00 - C10B 57/00
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## C10G11/187

**References:**

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

**Informative references:**

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

Controlling or regulating in general	G05
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## C10G21/00

**References:**

**Limiting references:**

*This place does not cover:*

Insert: The following NEW rows to the Limiting references table:



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Refining of hydrocarbon oils, in the absence of hydrogen, with acids, acid-forming compounds or acid-containing liquids	C10G17/00
Refining hydrocarbon oils, in the absence of hydrogen, by alkaline treatment	C10G19/00

Delete: The following row from the Limiting references table.

Dewaxing oils	C10G73/02
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**Informative references:**

Insert: The following NEW Informative references section and table.

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

Dewaxing oils	C10G 73/02
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## C10G21/30

**References:**

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

**Informative references:**

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

Controlling or regulating in general	G05
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## C10G25/03

### Definition statement

Replace: The existing Definition statement with the modified one below:

Refining of hydrocarbon oils in the absence of hydrogen, with crystalline aluminosilicates, e.g. molecular sieves, zeolites.

### Glossary of terms

Replace: The existing Glossary of terms with the updated one below:

*In patent documents, the following words/expressions are often used with the meaning indicated:*

Molecular sieves	Crystalline aluminosilicates, Aluminophosphate [ALPO], silicoaluminophosphate [SAPO]
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## C10G33/08

### References:

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

### Informative references:

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

Controlling or regulating in general	G05
--------------------------------------	-----

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## C10G35/095

### Definition statement

Insert: A period at the end of the Definition statement sentence.

Catalytic reforming naphta characterised by the catalyst containing crystalline aluminosilicates, e.g. molecular sieves, zeolites including only silica or alumina.

### References:

Insert: The following NEW Limiting references section and table.

### Limiting references:

*This place does not cover:*

Crystalline zeolitic molecular sieves, other than aluminosilicates, e.g. zeolie including other elements with or without silica or alumina like SAPO, ALPO	C10G35/065
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Delete: The Special rules of classification section.

## C10G35/24

### References:

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

### Informative references:

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

Controlling or regulating in general	G05
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## C10G45/00

### References:

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

### *Informative references:*

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

Selective hydrogenation of diolefins	<a href="#">C10G 45/32</a>
Selective hydrogenation of aromatics	<a href="#">C10G 45/44</a>

## C10G45/58

### References:

Replace: The Limiting references section and table with the updated one below.

### Limiting references:

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

Refining of hydrocarbons oils by electric or magnetic means, by irradiation or by using microorganism	<a href="#">C10G32/00</a>
Improving or increasing the octane number or aromatic content of naphtha	<a href="#">C10G 35/00</a>

### Special rules of classification

Delete: The Special rules of classification section and text.

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## C10G45/68

### References

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

### Informative references:

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

Aromatisation of naphtha	C10G35/00
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## C10G45/72

### References:

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

### Informative references:

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

Controlling or regulating in general	G05
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## C10G47/34

### Definition statement

Insert: A period at the end of the first paragraph as shown below:

Hydrocarbons that can give hydrogen, e.g. parafine transformed to olefine, the hydrogen being released with the reaction is used for the cracking process.

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**References:**

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

**Informative references:**

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

Cracking starting from oil-shale, oil-sand or non-melting solid carbonaceous material	<a href="#">C10G 1/042</a>
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## **C10G47/36**

**References:**

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

**Informative references:**

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

Controlling or regulating in general	<a href="#">G05</a>
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## **C10G49/00**

**References:**

Delete: The Limiting references section and table.

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## C10G49/26

### References:

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

### Informative references:

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

Controlling or regulating in general	G05
--------------------------------------	-----

## C10G50/00

### Relationships with other classification places

Insert: NEW Relationships with other classification places section and text.

Preparation of individual hydrocarbons or mixtures thereof of definite or specified constitution are classified in C07C 2/00 or C07C 1/00.

### References:

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

### Informative references:

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

Alkylation processes	C10G 29/205
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**C10G53/06****References:**Delete: The Limiting references section and table.Insert: The following NEW Informative references section and table.**Informative references:***Attention is drawn to the following places, which may be of interest for search*

Refining in one step with two or more solvents which are introduced or withdrawn separately	<a href="#">C10G 21/02</a>
---	----------------------------

**C10G71/00****References**Replace: The Informative references table with the updated one below.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

Preparation of hydrocarbons from one or more compounds, none of them being a hydrocarbon, e.g. Fischer-Tropsch	<a href="#">C07C 1/00</a>
Lubricating compositions	<a href="#">C10M</a>



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## C10G73/00

### References:

Delete: The Informative references section and table.

Insert: The following NEW Limiting references section and table.

### Limiting references:

*This place does not cover:*

Compositions essentially based on waxes	C08L 91/00
---	------------

## C10G73/34

### References:

Delete: The Limiting references section and table.

Insert: The following NEW Informative references section and table.

### Informative references:

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

Controlling or regulating in general	G05
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## C10G75/00

### Definition statement

Replace: The existing Definition statement with the updated one below:

CPC NOTICE OF CHANGES 1341

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Treatment of apparatus for treatment or conversion of hydrocarbons oils in general, against corrosion or fouling.

**References:**

Insert: The following NEW Limiting references section and table.

**Limiting references**

*This place does not cover:*

Inhibiting corrosion during distillation	<a href="#">C10G 7/10</a>
Preventing or removing incrustation	<a href="#">C10G 9/16</a>

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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
C10G47/00	Main group		Delete full 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.*