

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1399

DATE: FEBRUARY 1, 2023

PROJECT MP11911

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	C09C	Subclass
	C09C	1/00, 1/0015, 1/42, 1/46, 1/62
	C09C	3/00
Warnings Modified:	C09C	Subclass
DEFINITIONS:		
Definitions Modified:	C09C	Subclass
	C09C	1/00, 1/0015, 1/42, 1/46, 1/62
	C09C	3/00

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 C09C - TREATMENT OF INORGANIC MATERIALS, OTHER THAN FIBROUS FILLERS, TO ENHANCE THEIR PIGMENTING OR FILLING PROPERTIES ; PREPARATION OF CARBON BLACK {; PREPARATION OF INORGANIC MATERIALS WHICH ARE NO SINGLE CHEMICAL COMPOUNDS AND WHICH ARE MAINLY USED AS PIGMENTS OR FILLERS}

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally</u> <u>be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	C09C	Subclass	TREATMENT OF INORGANIC MATERIALS, OTHER THAN FIBROUS FILLERS, TO ENHANCE THEIR PIGMENTING OR FILLING PROPERTIES (treatment of materials specially adapted to enhance their filling properties in mortars, concrete or artificial stone C04B 14/00, C04B 18/00, C04B 20/00); PREPARATION OF CARBON BLACK {; PREPARATION OF INORGANIC MATERIALS WHICH ARE NO SINGLE CHEMICAL COMPOUNDS AND WHICH ARE MAINLY USED AS PIGMENTS OR FILLERS }	
M	C09C1/00	0	Treatment of specific inorganic materials other than fibrous fillers (tenebrescent materials C09K 9/00; luminescent materials C09K 11/00); Preparation of carbon black	
M	C09C 1/0015	1	{Pigments exhibiting interference colours, e.g. transparent platelets of appropriate thinness or flaky substrates, e.g. mica, bearing appropriate thin transparent coatings}	
M	C09C1/42	2	Clays	
M	C09C1/46	2	Graphite {(C09C1/0015 takes precedence)}	
M	C09C1/62	1	Metallic pigments or fillers {(C09C1/0015 takes precedence)}	
M	C09C3/00	0	Treatment in general of inorganic materials, other than fibrous fillers, to enhance their pigmenting or filling properties	

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*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 finalization projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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B. New, Modified or Deleted Warning(s)

SUBCLASS C09C - TREATMENT OF INORGANIC MATERIALS, OTHER THAN FIBROUS FILLERS, TO ENHANCE THEIR PIGMENTING OR FILLING PROPERTIES ; PREPARATION OF CARBON BLACK {; PREPARATION OF INORGANIC MATERIALS WHICH ARE NO SINGLE CHEMICAL COMPOUNDS AND WHICH ARE MAINLY USED AS PIGMENTS OR FILLERS}

<u>Type</u> *	<u>Locatio</u> <u>n</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	C09C	<p>1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C09C1/68 covered by C09K 3/14</p> <p>2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.</p>	<p>1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C09C1/68 covered by C09K 3/14</p> <p>2. {In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.}</p>

*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.

2. A. DEFINITIONS (modified)

C09C

Definition statement

Replace: The semicolon at the end of the first line of the Definition statement with a period.

The treatment of inorganic compounds other than fibrous fillers, to enhance their pigmenting or filling properties.

References

Limiting references

Replace: The text in the Limiting references section with the following updated table and text.

Treatment of materials specially adapted to enhance their filling properties in mortars, concrete or artificial stone	C04B 14/00, C04B 18/00, C04B 20/00
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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:

Preparation of inorganic compounds or non-metallic elements	C01
Treatment by polymerisation onto particle	C08F 292/00

Replace: The existing Special rules of classification text with the following updated text.

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Special rules of classification

Whenever in groups C09C 1/00 - C09C 1/66 the materials consist of a particulate core bearing a coating or any other deposit, classification is done only according to the composition of the core, unless otherwise stated, e.g. C09C 1/0015, C09C 1/0078. Preparations of materials which are no single chemical compounds, mainly comprising ceramic pigments (C09C 1/0009), consisting of solid solutions or polycrystalline structures, and compounds defined as composite materials (C09C 1/0081). Preparation and treatment steps are not always easy to distinguish from each other, e.g. preparation in the presence of treating agents (by precipitation or calcination), precise reacting conditions, affecting pigmentary effects. It is common practice to include these complex topics in C09C 1/00 while avoiding redundancy.

The last appropriate place rule applies.

When classifying in this subclass, symbols of C01P are used to identify structural or physical aspects of solid inorganic compounds.

In case a group is indicated as indexed, the subgroups thereof are also indexed.

The symbols of C01P group deals with Structural and Physical Aspects of Solid Inorganic Compounds classified in subclasses C01B - C01G and C09C. These aspects include crystal-structural characteristics, particle morphology and physical properties.

Exception from the last appropriate place rule:

Dopant: A dopant, also called a doping agent, is a trace impurity element that is inserted into a substance (in very low concentrations) in order to alter the physical properties of the substance. For the purpose of classification, a dopant is considered as such, when its concentration is less than 5% (wt, vol, at.) or when mentioned as such in the patent document to be classified.

In such a case, the compound is classified ignoring the dopant(s) and the last appropriate place rule does not apply in view of the dopant(s). In case of doubts, the document is given the classification symbol relating to the last appropriate place rule by taking into account the dopant(s) and in the appropriate class, without taking into account the dopant(s).

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C09C 1/00**References****Limiting references**

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

Tenebrescent materials	C09K 9/00
Luminescent materials	C09K 11/00

Informative references

Insert: The following new reference in the Informative references table.

Dyes, pigments, mordants and lakes	C09B
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Replace: The existing Glossary of terms text with the following updated text.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Pigment	A material that changes the color of reflected or transmitted light as the result of wavelength-selective absorption. This physical process differs from fluorescence, phosphorescence, and other forms of luminescence, in which a material emits light. A distinction is usually made between a pigment (inorganic), which is insoluble in the vehicle (resulting in a suspension), and a dye (organic), which either is itself a liquid or is soluble in its vehicle (resulting in a solution).
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C09C 1/0015

Definition statement

Replace: The last paragraph of the Definition statement with the following updated paragraph.

A rutilisation promoting layer (mostly SnO₂) is also not considered as being optically active if not otherwise stated. Also, other layers, like adhesion promoting layers etc., are also considered as optically not active.

References

Delete: The entire 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:

Metallic pigments or fillers	C09C 1/62
Pigments consisting of flaky, non-metallic substrates characterised by a surface-region containing free metal	C09C 1/0078

C09C 1/42

References

Delete: The entire Limiting references section.

Insert: The following new Informative references.

Informative references

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

Preparatory treatment for clay wares	C04B 33/04
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C09C 1/46

References

Limiting references

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

Pigments exhibiting interference colours	C09C 1/0015
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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:

Preparation of graphite	C01B 32/205
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C09C 1/62

References

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

Limiting references

This place does not cover:

Pigments exhibiting interference colours	C09C 1/0015
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Insert: The following new Informative references section.

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

Making metallic powder or suspensions thereof	B22F 9/00
Metallothermic processes for the manufacture of iron from iron compounds	C21B 15/02
Dry methods of reducing to metals from metal carbonyls	C22B 5/20
Electrolytic production, recovery or refining of metal powders or porous metal masses	C25C 5/00

C09C 3/00**Definition statement**Insert: A period at the end of the Definition statement.

Treatment in general of inorganic materials not being fibrous fillers to increase their pigmenting or filling properties.

ReferencesDelete: The entire 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:*

Dyeing other macromolecular particles	C08J 3/20
Dyeing macromolecular fibres	D06P

Replace: The existing Special rules of classification text with the following updated text.**Special rules of classification**

Classification in C01P subgroups shall be applied.

Specific examples shall always be classified in the appropriate C09C 1/00 subgroups.