EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 708

DATE: AUGUST 1, 2019

PROJECT MP0373

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

Action	**Subclass**	**Group(s)**
SCHEME:		
Titles Changed:	C08K	Subclass
Notes New:	C08K	3/00, 5/00, 7/00, 9/00, 11/00, 13/00
Notes Modified:	C08K	Subclass
DEFINITIONS:		
Definitions Modified:	C08K	Subclass, 3/00, 5/00, 7/00, 9/00, 11/00, 13/00

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)

CPC NOTICE OF CHANGES 708

DATE: AUGUST 1, 2019

PROJECT MP0373

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS C08K - USE OF INORGANIC OR NON-MACROMOLECULAR ORGANIC SUBSTANCES AS COMPOUNDING INGREDIENTS (pesticides, herbicides A01N; pharmaceuticals, cosmetics A61K; explosives C06B; paints, inks, varnishes, dyes, polishes, adhesives C09; lubricants C10M; detergents C11D; artificial filaments or fibres D01F; textile treating compositions D06)

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#
M	C08K		Use of inorganic or non-macromolecular organic substances as compounding ingredients (paints, inks, varnishes, dyes, polishes, adhesives C09)	

*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.

C. New, Modified or Deleted Note(s)

SUBCLASS C08K - USE OF INORGANIC OR NON-MACROMOLECULAR ORGANIC SUBSTANCES AS COMPOUNDING INGREDIENTS pesticides, herbicides A01N; pharmaceuticals, cosmetics A61K; explosives C06B; paints, inks, varnishes, dyes, polishes, adhesives C09; lubricants C10M; detergents C11D; artificial filaments or fibres D01F; textile treating compositions D06

Type*	Location	Old Note	New/Modified Note
M	C08K	1. The use of an ingredient for a specific polymer is classified by adding, in a C-set, to the group symbol of C08K, the subdivision of C08L1/00 - C08L99/00. Example: Polystyrene containing a carboxylic amide is classified in (C08K5/20, C08L25/06). 2. From April 2012, the use of an ingredient for a specific polymer is classified by adding, in a C-set, to the group symbol of C08K, the subdivision of C08L1/00 - C08L99/00. Example: Polystyrene containing a carboxylic amide is classified in (C08K5/20, C08L25/06). 3. In this subclass, in the absence of an indication to the contrary, an ingredient is classified in the last appropriate place. 4. In this subclass: • a mixture of ingredients is classified in the most indented group covering all the essential ingredients of the mixture, e.g.: a mixture of a monohydric and a polyhydric alcohol C08K5/05 a mixture of two polyhydric alcohols C08K5/053 a mixture of an alcohol and an ether C08K5/04 a mixture of an ether and an amine C08K5/00 a mixture of an amine and a metal C08K13/02 {This note is applied only for mixtures with more than three essential ingredients. Mixtures with two or three ingredients are classified in the appropriate groups of C08K, e.g. a mixture	**Delete**: The existing Old Notes (1 through 7). **Insert**: The following new Notes (1 through 6). 1. In this subclass, in the absence of an indication to the contrary, an ingredient is classified in the last appropriate place. 2. In this subclass: • a mixture of ingredients is classified in the most indented group covering all the essential ingredients of the mixture, e.g.: a mixture of a monohydric and a polyhydric alcohol C08K5/05 a mixture of two polyhydric alcohols C08K5/053 a mixture of an alcohol and an ether C08K5/04 a mixture of an ether and an amine C08K5/00 a mixture of an amine and a metal C08K13/02 {This note is applied only for mixtures with more than three essential ingredients. Mixtures with two or three ingredients are classified in the appropriate groups of C08K, e.g. a mixture of Al2O3, an ether and an amine is classified in C08K3/22, C08K5/06 and C08K5/17} • ammonium salts are classified in the same way as metal salts 3. In this subclass, any ingredient of a mixture which is not identified by the classification according to Note (2) above, and the use of which is

Type*	Location	Old Note	New/Modified Note
		of Al2O3, an ether and an amine is classified in C08K3/22, C08K5/06 and C08K5/17} • ammonium salts are classified in the same way as metal salts 5. In this subclass, organic acid salts, alcoholates, phenolates or mercaptides are classified in the groups or subgroups of the parent compounds 6. The use of an ingredient for a specific polymer is classified by adding to the group symbol of C08K and separated therefrom by a "+" sign, the subdivision of C08L1/00 - C08L99/00. Example: Polystyrene containing a carboxylic amide is classified in C08K5/20 + C08L25/06 7. In this subclass are considered as compounding ingredients: • inert additives • radical crosslinking agents, e.g. peroxides, S-containing vulcanisation agents • coupling agents, i.e. compounds able to improve the adhesion between filler and macromolecule Are not considered as compounding ingredients: • chemical modifying or crosslinking agents which react via a condensation or addition mechanism (for C08B polymers C08B, for diene rubbers C08C19/30, for other vinyl polymers C08F8/00, for polysiloxanes C08L83/00, for other C08G polymers C08G) • solvents or dispersion agents for making polymer solutions, emulsions or dispersions (C08J3/02) • blowing agents (C08J9/04)	determined to be novel and non-obvious, must also be classified in this subclass according to Note (1). The ingredient can be either a single compound or a composition in itself. ".{This IPC Note does not apply in CPC} 4. Any ingredient of a mixture which is not identified by the classification according to Notes (2) or (3) above, and which is considered to represent information of interest for search, may also be classified in this subclass according to Note (1). This can, for example, be the case when it is considered of interest to enable searching of mixtures using a combination of classification symbols. Such non-obligatory classification should be given as "additional information".{This IPC Note does not apply in CPC} 5. {In this subclass, combination sets [C-Sets] are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C08K} 6. {In this subclass, organic acid salts, alcoholates, phenolates or mercaptides are classified in the groups or subgroups of the parent compounds}

Type*	Location	Old Note	New/Modified Note
N	C08K 3/00		**Insert**: The following new Note. In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08K.
N	C08K 5/00		**Insert**: The following new Note. In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08K.
N	C08K 7/00		**Insert**: The following new Note. In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08K.
N	C08K 9/00		**Insert**: The following new Note. In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08K.
N	C08K 11/00		**Insert**: The following new Note. In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08K.
N	C08K 13/00		**Insert**: The following new Note. In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08K.

*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)

C08K

Definition statement

This place covers:

Replace: The existing first and fourth bullet statements, i.e.

- Polymeric compositions comprising inorganic or non-macromolecular organic substances as compounding ingredients, which are not used to chemically modify the polymer, i.e. inert additives;
- Coupling agents, i.e. compounds able to improve the adhesion between filler and macromolecule

with the following new bullets:

- Use of inorganic or non-macromolecular organic substances as compounding ingredients in compositions of single polymers, which are not used to chemically modify the polymer, i.e. inert additives;

- Coupling agents, i.e. compounds able to improve the adhesion between filler and macromolecule; or silane compounds.

Relationships with other classification places

Delete: The terms and punctuations “(but not claimed)” from the 4th, 5th, and 6th paragraphs

Polymeric compositions comprising inorganic substances and being suitable for ceramic, cement or stone like applications (but not claimed) is classified in C04B.

Polymeric compositions comprising inorganic substances and being suitable for thermoconducting, electroconducting, insulating, magnetic or resistor applications (but not claimed) are classified in H01B, H01C or H01F.

Polymeric compositions comprising inorganic substances and being suitable for medical or dental applications (but not claimed) are classified in A61K.

Insert: The following new paragraph after the 6th paragraph.

Compositions of macromolecular compounds (with or without compounding ingredients) are classified in C08L.

References

Informative references

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

Insert: The following new table rows into the *Informative references* table:

Compositions of macromolecular compounds (with or without compounding ingredients)	C08L
Coating compositions	C09D
Adhesives	C09J
Conductors or insulators	H01B

Special rules of classification

Delete: All of the existing paragraphs from the *Special rules of classification*, and

replace: with the following new text/paragraphs:

Reference C09 is non-limiting in the subclass C08K. CPC will be updated/corrected once this inconsistency in IPC is resolved.

Last place priority rule:

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

Classification guidance:

Subgroups of C08K are used for compounding ingredients (additives) in admixture with a single polymer only or with a single polymer from a list of alternative unblended polymers.

A compounding ingredient in admixture with a single polymer is classified as a single symbol in C08K, and as a C-Set when the nature of the polymer is specified (see Combination-Sets information below).

Compounding ingredient(s) in a composition of more than one polymers is classified in the form of C-Sets in C08L (see Combination-Sets information in C08L).

In this subclass, the following are considered as compounding ingredients:

- inert additives
- radical crosslinking agents, e.g. peroxides, S-containing vulcanisation agents
- coupling agents, i.e. compounds able to improve the adhesion between fillers and macromolecules; or silane compounds

The following are not considered as compounding ingredients:

- chemical modifying or crosslinking agents, except silanes, which react via a condensation or addition mechanism are classified with the appropriate polymer (e.g. in C08B, C08C, C08F, C08G)
- solvents or dispersion agents for making polymer solutions, emulsions or dispersions (C08J 3/02)
- blowing agents (C08J 9/04)

Modified (e.g. surface-treated) additives should be classified in C08K9/00. Additional information (CCA) should be given for the specific treated additive (e.g. coated silica (C08K3/36)).

Mixtures with two or three ingredients are classified in the appropriate groups of C08K, e.g. a mixture of Al_2O_3, an ether and an amine is classified in C08K3/22, C08K5/06 and C08K5/17.

C08K13/00 - C08K13/08 should be used for classification only for mixtures with four or more essential additives.

Ammonium salts are classified in the same way as metal salts.

In this subclass, organic acid salts, alcoholates, phenolates or mercaptides are classified in the groups or subgroups of the parent compounds.

In the fields C09J7/00 (adhesives) and C09D7/00 (coatings), the additive is classified in C08K as additional information (CCA). This does not

depend on the amount of the additive in the adhesive/coating composition (see Special rule of classification in C09J7/00 and C09D7/00).

Places to classify non-radical crosslinking and chain-extending agents: In C08K are classified radical cross-linking agents. When the added compound reacts as crosslinking agent or chain extension agent via a non-radical mechanism (condensation or addition mechanism), it should not be classified in C08K. They are principally classified by the type of crosslinking agent or by the type of the chemical modification of the polymer to be crosslinked. These are the places where such compounds in combination with polymers can be classified:

- For C08B polymers (polysaccharides): It should be referred to C08B for each specific polymer.
- For Diene rubbers (C08C): see C08C 19/30.
- For Vinyl polymers (C08F): In C08F 8/00, it should be referred to the chemistry of the modified polymer which is crosslinked.
- For Polyurethanes (C08G 18/00): In C08G 18/00, the use of crosslinking agents is classified according to the corresponding chemistry (e.g. polyisocyanates). Carbodiimides as crosslinker can also be found in C08G 18/797.
- For Epoxy resins (C08G 59/00): Crosslinking agents are classified in C08G 59/40.
- For Polyesters and polycarbonates(C08G 63/00 - C08G 63/64): Symbols in C08G 63/91 and C08G 64/42 can be given.
- For Polyethers (C08G 65/00): Symbols in C08G 65/32 – C08G 65/338 can be given.
- For Other polymers in C08G: Symbols can be given according to the modification of the polymer induced by the crosslinking reaction or the modification of the polymer which allows the linking reaction.

Allocation of indexing codes:

- Orthogonal Indexing Codes C08K 2201/00 - C08K 2201/019 are used to specify the role and the physical properties of the additives.
- Orthogonal Indexing codes may be allocated in conjunction with combination-set symbols. In these situations, allocations of specific

indexing codes are indicated with the related C-Sets in C-Sets classification.

- Breakdown indexing codes in C08K 3/00 - C08K 13/00 are used as single symbols for classification, but they are not used in forming of C-Set symbols (See C-Sets classification below).

Combination Sets (C-Sets):

In this subclass, C-Sets classification is applied to the following groups, listed in the table below, if the document discloses a pertinent combination of technical features that cannot be covered by the allocation of a single symbol. The fourth column of the table indicates the place where the detailed information about the C-Sets construction and the associated syntax rules can be found, in the section "**Special rules of classification**".

C-Sets ID	Base Symbols	Subsequent Symbols	C-Sets Formula; Location of C-Sets Rules
#C8Ka	C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	C08L1/00 - C08L101/16 (excluding breakdown indexing codes)	(C08K,C08L); an additive with a single polymer; see C08K
#C8Lb	C08L1/00 - C08L101/16 (excluding breakdown indexing codes)	C08L1/00 - C08L101/16 (excluding breakdown indexing codes), C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C08L,C08L,…,C08K, ...); a composition comprising two or more polymers with additive(s); see C08L
#C8Lb(Si)	C08L1/00 - C08L101/16 (excluding C08L83/02 - C08L83/16)	C08L83/02 - C08L83/16, C08L83/00, C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C08L, C08L83/02 - C08L83/16, C08L83/00,..., C08K, ...); a composition comprising one non Si-based polymer in majority and two or more Si-based polymers with additive(s); see C08L
#C8Lb(Si)2	C08L83/02 - C08L83/16	C08L83/00, and optionally	(C08L83/02 - C08L83/16, C08L83/00,..., C08L, ...,

		C08L1/00 - C08L101/16, (excluding C08L83/02 - C08L83/16 and excluding breakdown indexing codes), C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	C08K,...); a composition comprising one Si-based polymer in majority with one or more Si-based polymers and optionally non-Si polymer(s) and additive(s); see C08L83/00
#C9De	C09D101/00 - C09D201/10	C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C09D, C08K,...); a coating composition of one polymer with additive(s); see C09D101/00
#C9Df	C09D101/00 - C09D201/10	C08L1/00 - C08L101/16, C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C09D, C08L,…, C08K,...); a coating composition of two or more polymers with additive(s); see C09D101/00
#C9Df(Si)	C09D101/00 - C09D201/10 (excluding C09D183/02 - C09D183/16)	C08L83/02 - C08L83/16, C08L83/00, C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C09D, C08L83/02 - C08L83/16, C08L83/00, ..., C08K, ...); a coating composition comprising one non Si-based polymer in majority and two or more Si-based polymers and additive(s); see C09D101/00
#C9Df(Si)2	C09D183/02 - C09D183/16	C08L83/00 and optionally C08L1/00 - C08L101/16 (excluding C08L83/02 - C08L83/16 and excluding breakdown indexing codes), C08K3/00 -	(C09D183/02 - C09D183/16, C08L83/00,..., C08L,..., C08K,...); a coating composition comprising one Si-based polymer in majority with one or more Si-based polymers and optionally non Si-based polymer(s)

		C08K13/08 (excluding breakdown indexing codes)	and additive(s); see C09D183/00
#C9Je	C09J101/00 - C09J201/10	C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C09J, C08K,...); an adhesive composition of one polymer with additive(s); see C09J101/00
#C9Jf	C09J101/00 - C09J201/10	C08L1/00 - C08L101/16 (excluding breakdown indexing codes), C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C09J,C08L,…,C08K, …); an adhesive composition of two or more polymers with additive(s); see C09J101/00
#C9Jf(Si)	C09J101/00 - C09J201/10 (excluding C09J183/02 - C09J183/16)	C08L83/02 - C08L83/16, C08L83/00, C08K3/00 - C08K13/08 (excluding breakdown codes)	(C09J,C08L83/02 - C08L83/16,C08L83/00, ..., C08K, ...); an adhesive composition comprising one non Si-based polymer in majority and two or more Si-based polymers and additive(s); see C09J101/00
#C9Jf(Si)2	C09J183/02 - C09J183/16	C08L83/00, and optionally C08L1/00 - C08L101/16 (excluding C08L83/02 - C08L83/16 and excluding breakdown indexing codes), C08K3/00 - C08K13/08 (excluding breakdown codes)	(C09J183/02 - C09J183/16, C08L83/00,..., C08L,...,C08K, ...); an adhesive composition comprising one Si-based polymer in majority with one or more Si-based polymers and optionally non Si –based polymer(s) and additive(s); see C09J183/00

The specific C-Sets rule is located at only one place of the base symbol in the section “Special rules of classification” in the definition. If the C-Sets rule is applicable to all groups of a subclass, it is located at the subclass level only. If the same C-Sets rule is applicable to multiple groups or subgroups within the same subclass, the C-Sets rule is placed at the highest group or subgroup of the multiple groups.

C-Sets statement : #C8Ka

- In groups C08K3/00 - C08K13/08, a composition comprising additive(s) and one polymer is classified in the form of C-Sets.

- In these C-Sets, the base symbol, representing the additive is taken from the groups C08K3/00 - C08K13/08, whereas the subsequent symbol representing the polymer combined with the additive is taken from the groups C08L1/00 - C08L101/16.

C-Sets syntax rules:

- Each of these C-Sets shall contain exactly two symbols
- Duplicate symbols are not allowed in these C-Sets.
- Breakdown and orthogonal index codes are not allowed in the C-Sets either as base symbols or as subsequent symbols.
- The order of symbols in these C-Sets is relevant as it reflects the presence of one additive and one polymer

- If a composition comprising one polymer, e.g. polymer X, and two or more additives, e.g. Additive A and B, separate C-Sets are given to each additive and the polymer X, e.g. (additive A, polymer X) and (additive B, polymer X).

- For a composition comprising one polymer and four or more essential additives, e.g. additives A, B, C, D and polymer X, a C-Set is given using C08K13/yy and separate C-Sets are given to each additive and the polymer X. For example, (C08K13/yy, polymer X), (additive A, polymer X), (additive B, polymer X), (additive C, polymer X), and (additive D, polymer X).

- If an additive within C08K is disclosed in admixture with one polymer selected from a list of several polymers, but each of those polymers

does not form a blend, all exemplified combinations must be classified as separate C-Sets, e.g. polystyrene or PVC containing a carboxylic amide is separately classified in (C08K5/20, C08L25/06) and (C08K5/20, C08L27/06).

- In the absence of examples, at least one C-Set is given on the basis of sufficient description of the polymer and the additive in the document.

- If an additive is used in admixture with two or more polymers in a blend, the composition is classified in a form of C-Sets following C-Sets rule in C08L, wherein the additive is assigned as subsequent symbol (see C-Sets #C8Lb).

C-Sets examples:

- #C8Ka: An admixture comprising carbon black (C08K3/04) combined with butadiene-styrene rubber (C08L9/06) is classified as (C08K3/04, C08L9/06).

- #C8Ka: An admixture comprising glass fibers (C08K7/14) and resorcinol phosphate (C08K5/523) combined with nylon 6, 6 (C08L77/06) is classified as (C08K7/14, C08L77/06) and (C08K5/523, C08L77/06).

- #C8Ka: An admixture of styrene-butadiene rubber with carbon black (C08K3/04), sulfur (C08K3/06), silica (C08K3/36) and silane coupling agent with sulfide bridge (C08K5/548) is classified as (C08K13/02, C08L9/06), (C08K3/06, C08L9/06), (C08K3/04, C08L9/06), (C08K5/548, C08L9/06), and (C08K3/36, C08L9/06).

C08K 3/00

Relationships with other classification places

Delete: The existing paragraph and replace with the following paragraph:

The preparation of inorganic ingredients per se are classified in different areas such as C01B, C01F.

References

Informative references

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

Delete: The terms and punctuation “(but not claimed)” in the following rows in the *Informative references* table:

Polymeric compositions comprising inorganic substances and being suitable for laser marking applications (but not claimed)	B41M5/00
Polymeric compositions comprising inorganic substances and being suitable for film applications (but not claimed)	C08J5/18
Polymeric compositions comprising inorganic substances and being suitable for miscellaneous applications like liquid crystalls, fire proofing materials or luminescent materials (but not claimed)	C09K
Polymeric compositions comprising inorganic substances and being suitable for fire resistant wire or cable applications (but not claimed)	H01B7/00
Polymeric compositions comprising inorganic substances and being suitable for electromagnetic shielding (EMI) applications (but not claimed)	H05K9/00

Special rules of classification

Delete: The 1st paragraph "(1) The special rules of classification as outlined for C08K apply".

Insert: The following statement as the 1st paragraph in *Special rules of classification*:

This group follows the special rules of Classification as outlined at subclass C08K.

Delete: The term "(2)" from the current 2nd paragraph.

Replace: The subheading "Further subdivisions" with "Subgroups".

Insert: The following sections C-Sets classification and C-Sets searches (include heading and text) immediately after the following group:

C08K 3/40
For glass used as inorganic substance.
If glass is used as inorganic substance and its ingredients are specifically mentioned according to their chemical nature, then rule (1) above applies.

C-Sets classification:
In this group, C-Sets (e.g. #C8Ka) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08K.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08K and related subclasses.

C08K 5/00

Insert: The following new section *Relationships with other classification places* and text.

Relationships with other classification places

The preparation of the organic ingredients themselves, with or without their use as additives, is classified in C07.

The general processes of compounding and after treatment is classified in C08J.

References

Informative references

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

Delete: The terms and punctuation “(but not claimed)” in the following rows in the *Informative references* table:

Polymeric compositions comprising organic substances and being suitable for laser marking applications (but not claimed)	B41M5/00
Polymeric compositions comprising organic substances and being suitable for film applications (but not claimed)	C08J5/18
Polymeric compositions comprising organic substances and being suitable for miscellaneous applications like liquid crystals, fire proofing materials, luminescent or tenebrescent materials (but not claimed)	C09K
Polymeric compositions comprising organic substances and being suitable for conductors or conductive bodies (but not claimed)	H01B1/12
Polymeric compositions comprising organic substances and being suitable for fire resistant cable or wire applications (but not claimed)	H01B7/00

Special rules of classification

Delete: The first three paragraphs:

(1) The special rules of classification as outlined for C08K apply.

(2) The organic substances are classified into the appropriate groups according to their chemical nature, e.g. compounds containing ester and phenol groups are classified in C08K 5/134.

The following Indexing Codes are to be used in this group:

- see general Indexing Codes as listed in C08K2201/00-C08K2201/019

Insert: The following two new paragraphs immediately prior to the heading "Further subdivisions:":

This group follows the special rules of Classification as outlined at subclass C08K.

The organic substances are classified into the appropriate groups according to their chemical nature, e.g. compounds containing ester and phenol groups are classified in C08K5/134.

Replace: The subheading "Further subdivisions:" with "Subgroups:".

Insert: The following sections C-Sets classification and C-Sets searches (include heading and text) immediately after the following group and text:

C08K 5/37
In this group, 'Thiols' is meant to also comprise derivatives obtained from substitution of the thiolic H atom.

C-Sets classification:
In this group, C-Sets (e.g. #C8Ka) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08K.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08K and related subclasses.

C08K 7/00

Definition statement

This place covers:

Replace: The 2nd paragraph “Polymer fibres like aramide fibres are to be classified in C08K7/02 and in their corresponding place in C08L.”

with

Polymer fibres like aramide fibres are to be classified in C08K7/02 .

Relationships with other classification places

Replace: The following paragraph

This group does not cover the preparation of the ingredients characterised by shape only, without their use as additive in the sense of C08K.

with

This group does not cover the preparation of the ingredients characterised by shape per se.

References

Informative references

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

Replace: The following reference text for the following two table references:

Polymeric compositions comprising carbon nanotubes or preparation of such carbon nanotubes	C01B32/15
Polymeric compositions comprising carbon filaments or preparation of such filament	D01F9/12

with

Carbon nanotubes or preparation of such carbon nanotubes	C01B32/15
Carbon filaments or preparation of such filament	D01F9/12

Special rules of classification

Insert: The following statement as the 1st paragraph (before the heading Further subdivisions:) in *Special rules of classification*.

This group follows the special rules of Classification as outlined at subclass C08K.

Replace: The subheading “Further subdivisions:” with “Subgroups:”.

Insert: The following sections C-Sets classification and C-Sets searches (include heading and text) immediately after the following group and text:

C08K7/24

For example, carbon nanotubes as additive material.

C-Sets classification:
In this group, C-Sets (e.g. #C8Ka) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08K.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08K and related subclasses.

C08K 9/00

Relationships with other classification places

Replace: The following paragraph

This group does not cover the preparation of the pretreated ingredients only, without their use as additive in the sense of C08K.

with

This group does not cover the preparation of the pretreated ingredients per se.

References

Informative references

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

Delete: The following existing four reference rows in the Informative references table.

Preparation of those additives is classified in C09C3/06	C08K9/02
Preparation of those additives is classified in C09C3/08	C08K9/04
Preparation of those additives is classified in C09C3/12	C08K9/06
Preparation of those additives is classified in C09C3/10	C08K9/08

Insert : The following new rows into the Informative references table

Treatments of inorganic materials with inorganic compounds to enhance their pigmenting or filling properties	C09C3/06
Treatments of inorganic materials with low-molecular-weight non polymer organic compounds to enhance their pigmenting or filling properties	C09C3/08
Treatments of inorganic materials with macromolecular organic compounds to enhance their pigmenting or filling properties	C09C3/10
Treatments of inorganic materials with organosilicon compounds to enhance their pigmenting or filling properties	C09C3/12

Special rules of classification

Replace: The following existing statement “1. The special rules of classification as outlined for C08K apply.”

with

This group follows the special rules of Classification as outlined at subclass C08K.

Replace: The subheading “2. Further subdivisions:” with “Subgroups:”.

Delete: The existing heading “3. For intercalated, exfoliated, or organic modified clays”.

Insert: The following sections C-Sets classification and C-Sets searches (include heading and text) immediately after the following lines:

For intercalated, exfoliated, or organic modified clays, symbols C08K 9/04, C08K 9/06 or C08K 9/08 should be given.

C-Sets classification:
In this group, C-Sets (e.g. #C8Ka) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08K.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08K and related subclasses.

C08K 11/00

Relationships with other classification places

Replace: The following paragraph "This group does not cover the preparation of the ingredients of unknown constitution only, without their use as additive in the sense of C08K."

with

This group does not cover the preparation of the ingredients of unknown constitution *per se*.

Insert: A new *Special rules of classification* section with the following paragraph and the C-Sets sections.

Special rules of classification

This group follows the special rules of Classification as outlined at subclass C08K.

C-Sets classification:
In this group, C-Sets (e.g. #C8Ka) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08K.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08K and related subclasses.

C08K 13/00

Definition statement

This place covers:

Delete: The text “as outlined in Special rules of classification in C08K” from the following statement.

This subgroup should be used for classification only for mixtures with more than three essential ingredients as outlined in Special rules of classification in C08K.

Insert: A new *Special rules of classification* section with the following paragraph and the C-Sets sections.

Special rules of classification

This group follows the special rules of Classification as outlined at subclass C08K.

C-Sets classification:
In this group, C-Sets (e.g. #C8Ka) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08K.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08K and related subclasses.