

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

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:	C09D	Subclass
	C09D	191/00, 193/00, 197/00, 199/00
Notes New:	C09D	4/00, 101/00, 103/00, 105/00, 107/00, 109/00, 111/00, 113/00, 115/00, 117/00, 119/00, 121/00, 123/00, 125/00, 127/00, 129/00, 131/00, 133/00, 135/00, 137/00, 139/00, 141/00, 143/00, 145/00, 147/00, 149/00, 151/00, 153/00, 155/00, 157/00, 159/00, 161/00, 163/00, 165/00, 167/00, 169/00, 171/00, 173/00, 175/00, 177/00, 179/00, 181/00, 185/00, 187/00, 189/00, 191/00, 193/00, 195/00, 197/00, 199/00, 201/00
Notes Modified:	C09D	Subclass
	C09D	183/00
DEFINITIONS:		
Definitions New:	C09D	4/06
Definitions Modified:	C09D	Subclass
	C09D	4/00, 101/00, 103/00, 105/00, 107/00, 109/00, 111/00, 113/00, 115/00, 117/00, 119/00, 121/00, 123/00, 125/00, 127/00, 129/00, 131/00, 133/00, 135/00, 137/00, 139/00, 141/00, 143/00, 145/00, 147/00, 149/00, 151/00, 153/00, 155/00, 157/00, 159/00, 161/00, 163/00, 165/00, 167/00, 169/00, 171/00, 173/00, 175/00, 177/00, 179/00, 181/00, 183/00, 185/00, 187/00, 187/005, 189/00, 191/00, 193/00, 195/00, 197/00, 199/00, 201/00

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

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 710

DATE: AUGUST 1, 2019

PROJECT MP0448

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS C09D – COATING COMPOSITIONS, e.g. PAINTS, VARNISHES OR LACQUERS; FILLING PASTES; CHEMICAL PAINT OR INK REMOVERS; INKS; CORRECTING FLUIDS; WOODSTAINS; PASTES OR SOLIDS FOR COLOURING OR PRINTING; USE OF MATERIALS THEREFOR (cosmetics A61K; processes for applying liquids or other fluent materials to surfaces, in general, B05D; staining wood B27K 5/02; glazes or vitreous enamels C03C; organic macromolecular compounds C08; organic dyes or closely-related compounds for producing dyes, mordants or lakes, per se , C09B; treatment of inorganic materials other than fibrous fillers used as pigments or fillers C09C; natural resins, French polish, drying-oils, driers, turpentine, per se , C09F; polishing compositions other than French polish, ski waxes C09G; preparation of glue or gelatine C09H, {C08H 1/06 } ; adhesives or use of materials as adhesives C09J; materials for sealing or packing joints or covers C09K 3/10; materials for stopping leaks C09K 3/12; processes for the electrolytic or electrophoretic production of coatings C25D; textile-treating compositions D06; paper-making D21; conductors, insulators H01B)

<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	C09D	0	COATING COMPOSITIONS, e.g. PAINTS, VARNISHES OR LACQUERS; FILLING PASTES; CHEMICAL PAINT OR INK REMOVERS; INKS; CORRECTING FLUIDS; WOODSTAINS; PASTES OR SOLIDS FOR COLOURING OR PRINTING; USE OF MATERIALS THEREFOR (cosmetics A61K; processes for applying liquids or other fluent materials to surfaces, in general, B05D; staining wood B27K5/02; glazes or vitreous enamels C03C; natural resins, French polish, drying-oils, driers, turpentine, per se , C09F; polishing compositions other than French polish, ski waxes C09G; adhesives or use of materials as adhesives C09J; materials for sealing or packing joints or covers C09K3/10; materials for stopping leaks C09K3/12; processes for the electrolytic or electrophoretic production of coatings C25D)	
M	C09D191/00	0	Coating compositions based on oils, fats or waxes; Coating compositions based on	

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

<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>
			derivatives thereof (polishing compositions, ski waxes C09G)	
M	C09D193/00	0	Coating compositions based on natural resins; Coating compositions based on derivatives thereof (based on polysaccharides C09D101/00-C09D105/00; based on natural rubber C09D107/00; polishing compositions C09G)	
M	C09D197/00	0	Coating compositions based on lignin-containing materials (based on polysaccharides C09D101/00-C09D105/00)	
M	C09D199/00	0	Coating compositions based on natural macromolecular compounds or on derivatives thereof, not provided for in groups C09D101/00 - C09D107/00 or C09D189/00-C09D197/00	

*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.

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

- For more details about the types of scheme change, see CPC Guide.

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

C. New, Modified or Deleted Note(s)

SUBCLASS C09D – COATING COMPOSITIONS, e.g. PAINTS, VARNISHES OR LACQUERS; FILLING PASTES; CHEMICAL PAINT OR INK REMOVERS; INKS; CORRECTING FLUIDS; WOODSTAINS; PASTES OR SOLIDS FOR COLOURING OR PRINTING; USE OF MATERIALS THEREFOR (cosmetics A61K; processes for applying liquids or other fluent materials to surfaces, in general, B05D; staining wood B27K 5/02; glazes or vitreous enamels C03C; organic macromolecular compounds C08; organic dyes or closely-related compounds for producing dyes, mordants or lakes, per se , C09B; treatment of inorganic materials other than fibrous fillers used as pigments or fillers C09C; natural resins, French polish, drying-oils, driers, turpentine, per se , C09F; polishing compositions other than French polish, ski waxes C09G; preparation of glue or gelatine C09H, {C08H 1/06 } ; adhesives or use of materials as adhesives C09J; materials for sealing or packing joints or covers C09K 3/10; materials for stopping leaks C09K 3/12; processes for the electrolytic or electrophoretic production of coatings C25D; textile-treating compositions D06; paper-making D21; conductors, insulators H01B)

Type *	Location	Old Note	New/Modified Note
M	C09D	<p>1. In this subclass, the following terms or expressions are used with the meanings indicated:</p> <ul style="list-style-type: none"> • "use of materials for coating compositions" means the use of known or new polymers or products; • "rubber" includes: <ul style="list-style-type: none"> a. natural or conjugated diene rubbers; b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for coating compositions based on such 	<p>1. In this subclass, the following terms or expressions are used with the meanings indicated:</p> <ul style="list-style-type: none"> a. "use of materials for coating compositions" means the use of known or new polymers or products; b. "rubber" includes: <ul style="list-style-type: none"> a. natural or conjugated diene rubbers; b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for coating compositions based on such macromolecular compounds);

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
		<p>macromolecular compounds);</p> <ul style="list-style-type: none"> • "based on" is defined by means of Note 3, below; • "filling pastes" means materials used to fill up the holes or cavities of a substrate in order to smooth its surface prior to coating. <p>2. In this subclass, coating compositions containing specific macromolecular substances are classified only according to the macromolecular substance, non-macromolecular substances not being taken into account.</p> <ul style="list-style-type: none"> • Example: a coating composition containing polyethene and amino-propyltrimethoxysilane is classified in group C09D 123/06. • However, coating compositions containing combinations of organic non-macromolecular compounds having at least one polymerisable carbon-to-carbon unsaturated bond with prepolymers or polymers other than unsaturated polymers 	<ul style="list-style-type: none"> c. "based on" is defined by means of Note 3, below; d. "filling pastes" means materials used to fill up the holes or cavities of a substrate in order to smooth its surface prior to coating. <p>2. In this subclass, coating compositions containing specific macromolecular substances are classified only according to the macromolecular substance, non-macromolecular substances not being taken into account.</p> <ul style="list-style-type: none"> • Example: a coating composition containing polyethene and amino-propyltrimethoxysilane is classified in group C09D 123/06. • However, coating compositions containing combinations of organic non-macromolecular compounds having at least one polymerisable carbon-to-carbon unsaturated bond with prepolymers or polymers other

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
		<p>of groups C09D 159/00 - C09D 187/00 are classified according to the unsaturated non-macromolecular component in group C09D 4/00.</p> <ul style="list-style-type: none"> • Example: a coating composition containing polyethene and styrene monomer is classified in group C09D 4/06. • Aspects relating to the physical nature of the coating compositions or to the effects produced, as defined in group C09D 5/00, if clearly and explicitly stated, are also classified in this subclass. • Coating compositions characterised by other features, e.g. additives, are classified in group C09D 7/00, unless the macromolecular constituent is specified. <p>3. In this subclass, coating compositions comprising two or more macromolecular constituents are classified according to the macromolecular constituent or constituents present in the highest proportion, i.e. the constituent on which the composition is based. If the</p>	<p>than unsaturated polymers of groups C09D 159/00 - C09D 187/00 are classified according to the unsaturated non-macromolecular component in group C09D 4/00.</p> <ul style="list-style-type: none"> • Example: a coating composition containing polyethene and styrene monomer is classified in group C09D 4/06. • Aspects relating to the physical nature of the coating compositions or to the effects produced, as defined in group C09D 5/00, if clearly and explicitly stated, are also classified in this subclass. • Coating compositions characterised by other features, e.g. additives, are classified in group C09D 7/00, unless the macromolecular constituent is specified.

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
		<p>composition is based on two or more constituents, present in equal proportions, the composition is classified according to each of these constituents. Examples:</p> <ul style="list-style-type: none"> • A coating composition containing 80 parts of polyethene and 20 parts of polyvinylchloride is classified in group C09D 123/06; • A coating composition containing 40 parts of polyethene and 40 parts of polyvinylchloride is classified in groups C09D 123/06 and C09D 127/06. <p>4. Documents classified up until 04.2012: after the notation of group C09D 4/06, and separated therefrom by a + sign, notations concerning the macromolecular compound may be added. The notations are selected from the main groups C08F 251/00 - C08F 291/00 and from the subgroups of C08F 290/00 - C08F 290/048 and C08F 290/08 - C08F 290/128 . Example: a paint based on a mixture of methylmethacrylate monomer and a polymer of</p>	<p>3. In this subclass, coating compositions comprising two or more macromolecular constituents are classified according to the macromolecular constituent or constituents present in the highest proportion, i.e. the constituent on which the composition is based. If the composition is based on two or more constituents, present in equal proportions, the composition is classified according to each of these constituents. Examples:</p> <ul style="list-style-type: none"> • A coating composition containing 80 parts of polyethene and 20 parts of polyvinylchloride is classified in group C09D 123/06; • A coating composition containing 40 parts of polyethene and 40 parts of polyvinylchloride is classified in groups C09D 123/06 and C09D 127/06. <p>4. {In this subclass, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is</p>

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
		<p>vinylchloride is classified in C09D 4/06 + C08F 259/04.</p> <p>5. From April 2012 onwards, after the notation C09D 4/00, classification concerning the monomer may be added, in the form of C-sets. The notation is selected from C08F 210/00 - C08F 246/00, C08G 77/00 - C08G 77/04 or C08G 77/20 - C08G 77/30. Ex.: A paint based on a mixture of methylmethacrylate monomer and a polymer of vinylchloride is classified (C09D 4/06, C08F 259/04).</p> <p>6. Documents classified up until 09-2003: Classification is given in the form of C-Sets. The polymer in majority is given a C09D 101/00 - C09D 201/10 symbol, and the minor components are characterised by Indexing Codes taken from the list below. The Indexing Codes are linked. The polymer in majority is always first in the C-set. List of C08L codes: C08L 23/00, C08L 23/26, C08L 25/00, C08L 27/00, C08L 27/04, C08L 27/12, C08L 29/00, C08L 31/00, C08L 33/00, C08L 35/00, C08L 37/00, C08L 51/00, C08L 53/00, C08L 55/02, C08L 61/04, C08L 61/20, C08L 63/00, C08L 67/00, C08L 67/02, C08L 67/025, C08L 67/03, C08L 67/04, C08L 67/06,</p>	<p>found in the definitions for C09D.}</p> <p>5. {In addition to Note (4) above, C08L2666/00 indexing codes were used for C-Sets classification of documents before April 2012. See C-Sets Search Rules in C08L, in C09D, or in C09J Definitions.}</p>

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
		<p>C08L 67/07, C08L 69/00, C08L 69/005, C08L 71/00, C08L 75/04, C08L 77/00, C08L 77/08, C08L 77/12, C08L 79/08, C08L 79/085, C08L 81/00, C08L 83/00, C08L 85/00, C08L 91/06, C08L 95/00 or C08L 2666/00 - C08L 2666/86. Documents from group C09D 123/00 - C09D 123/36, C09D 145/00 - C09D 145/02 and C09D 149/00 have all been reclassified following Note 3 below. An additive is classified in the last appropriate place in the list as selected for each C09D group. Examples:</p> <ul style="list-style-type: none"> a. A coating composition based on a polyamide and a graft polymer is classified in (C09D 177/00, C08L 2666/24). b. A coating composition based on polyvinylchloride and containing CaCO₃ is classified according to note 4 of C08K, i.e. in C08K 3/26 and C09D 127/06. If this coating composition contains also a polyamide, then the classification will be (C09D 127/06, C08L 77/00, C08K 3/26). c. A coating composition based on a polysiloxane (C09D 183/04) and containing a second 	

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
		<p>polysiloxane, a phenol and silica is classified in (C09D 183/04, C08L 83/04, C08L 2666/34, C08L 2666/54).</p> <p>7. From 01.09.2003 until April 2012: Classification is given in the form of C-Sets. The polymer in majority is given a C09D symbol, and the minor components are characterised by Indexing Codes taken from C08L or C08K and they are linked or unlinked. The polymer in majority is always first in the C-set. List of indexing codes in the C-Sets: C08L 1/00, C08L 81/00, C08L 83/00, C08L 91/06, C08L 95/00 or C08L 2666/02 - C08L 2666/08, C08L 2666/14 - C08L 2666/26. Examples:</p> <p>a. A coating of 60 parts polyvinylchloride (C09D 127/06) and 40 parts polyamide is classified in (C09D 127/06, C08L 2666/20), C08L 77/00.</p> <p>b. A coating of 50 parts polyvinylchloride (C09D 127/06) and 50 parts polyamide (C09D 177/00) is classified in (C09D 127/06, C08L 2666/20), and C08L 77/00, as well as (C09D 177/00, C08L 2666/04) and C08L 27/06</p>	

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
		<p>c. A coating composition based on polyvinylchloride and containing CaCO₃ is classified according to [N: Note 4 of C08K, i.e. in C08K 3/26, C09D 127/06. If this composition contains also a polyamide, then the classification will be (C09D 127/06, C08L 2666/20) and C08K 3/26.</p> <p>d. A composition based on a first polysiloxane (C09D 183/04) and containing a second polysiloxane, a phenol and silica is classified in (C09D 183/04, C08L 83/00, C08K 5/13, C08K 3/36) and C08L 2205/02.</p> <p>8. From April 2012 onwards, after the notation of groups C09D 101/00 - C09D 201/00 , notations concerning the other constituents of the coating composition may be added, in the form of C-Sets. The further constituent is added with an indexing code. The indexing codes are chosen from C08L 1/00 - C08L 2555/86 or C08K and they may be linked or unlinked: - C08L 1/00 - C08L 101/10 are linked. - C08L 2201/00 - C08L 2555/86 are unlinked. The polymer in majority is always first in the C-set. Examples:</p>	

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
		<p>a. A coating composition containing polyethylene and amino-propyltrimethoxysilane is classified in groups C09D 123/06 and C08K 5/544 (unlinked).</p> <p>b. A coating composition containing 80 parts of polyethene and 20 parts of polyvinylchloride is classified in (C09D 123/06, C08L 27/06).</p> <p>c. A coating composition containing 40 parts of polyethene and 40 parts of polyvinylchloride is classified in (C09D 123/06, C08L 27/06) and (C09D 127/06, C08L 23/06).</p> <p>d. A coating composition containing 90% of polysiloxane (C09D 183/04) further containing 10% of polyester (C08L 67/00) and an alcohol is classified in (C09D 183/04, C08L 67/00, C08K 5/05).</p>	
N	C09D4/00		<p>{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}</p>
N	C09D101/00		<p>{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated</p>

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
			syntax rules are found in the Definitions of C09D}
N	C09D103/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D105/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D107/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D109/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D111/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D113/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D115/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
			syntax rules are found in the Definitions of C09D}
N	C09D117/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D119/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D121/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D123/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D125/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D127/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D129/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
			syntax rules are found in the Definitions of C09D}
N	C09D131/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D133/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D135/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D137/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D139/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D141/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D143/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
			syntax rules are found in the Definitions of C09D}
N	C09D145/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D147/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D149/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D151/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D153/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D155/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D157/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
			syntax rules are found in the Definitions of C09D}
N	C09D159/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D161/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D163/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D165/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D167/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D169/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D171/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
			syntax rules are found in the Definitions of C09D}
N	C09D173/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D175/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D177/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D179/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D181/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
M	C09D183/00	In this main group and its subgroups, from 01.09.2010 onwards, new documents are classified according to the following system. The coating composition is identified with the C-Set, e.g. (C09D 183/04, C08L 83/04) (for a coating composition containing two or more siloxanes), while the information as to which different polymers are present in the	{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
		coating composition is identified with additional indexing codes, e.g. C08G 77/12 and C08G 77/20.	
N	C09D185/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D187/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D189/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D191/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D193/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D195/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D197/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Type *	Location	Old Note	New/Modified Note
			construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D199/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}
N	C09D201/00		{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09D}

*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.

DATE: AUGUST 1, 2019

PROJECT MP0448

2. A. DEFINITIONS (modified)

C09D

REPLACE: Existing Relationships with other classification places with the one shown below.

Relationships with other classification places

Processes for applying liquids or other fluent materials to surfaces in general are classified in B05D.

Organic dyes or closely-related compounds for producing dyes, mordants or lakes per se, are classified in C09B.

Treatment of inorganic materials other than fibrous fillers used as pigments or fillers are classified in C09C.

Natural resins, French polish, drying-oils, driers, turpentine, per se, are classified in C09F.

Polymers as such are classified in C08F or C08G. Polymers compositions are classified in C08L. Coating compositions or adhesive compositions are classified in C09D and C09J respectively.

C09D and C09J are seen as "related fields" of C08L - this structure has implications on search and classification.

For classification:

- if the claims only pertain to a "coating composition...", only the C09D classification is given
- if the claims pertain to a composition as such and to a coating(For example, "composition for use as a coating..."), both the C09D classification and the corresponding C08L classification are given.

For searching: Both C08L and C09D sub-classes should be searched, regardless of the wording of the claims about a coating, since documents classified in C08L may have information relating to the use of the composition for coating. In cases where a coating composition contains an organic non-macromolecular compound of interest but is not based on that

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

compound, such a compound is classified in subclass C08K or as an additive in group C08J3/00 (e.g. C08J3/24 for crosslinking agents) or C09D7/40. This may be in addition to classification in C09D101/00 - C09D201/00 (see C-Sets below).

References:

DELETE: Limiting References section

Informative references:

ADD: The following new rows to the Informative references table:

Cosmetics	A61K
Processes for applying liquids or other fluent materials to surfaces, in general	B05D
Staining wood	B27K5/02
Glazes or vitreous enamels	C03C
Resins, French polish, drying-oils, driers, turpentine, per se	C09F
Polishing compositions other than French polish, ski waxes	C09G
Adhesives or use of materials as adhesives	C09J
Materials for sealing or packing joints or covers	C09K3/10
Materials for stopping leaks	C09K3/12
Processes for the electrolytic or electrophoretic production of coatings	C25D

Special rules of classification

REPLACE: Existing Special rules of classification with the following new section:

References:

DATE: AUGUST 1, 2019

PROJECT MP0448

- References A61K, B05D, B27K 5/02, C03C, C09F, C09G, C09J, C09K 3/10, C09K 3/12, and C25D are non-limiting in the subclass C09D. CPC will be updated/corrected once this inconsistency in IPC is resolved.

Coating composition:

- In this subclass, coating compositions are classified on the basis of the film-forming compound, physical nature or effects produced.
- When the film forming compound is a specified organic polymer, classification is given in C09D101/00 - C09D201/00.
- When the film forming compound is a specified inorganic polymer, classification is given in C09D1/00. When the inorganic coating composition includes an additive, classification is given in C09D7/40 – C09D7/70 and C08K is given as additional symbol.
- When the coating composition is characterised by the physical nature or the effects produced, classification is given in C09D5/00 - C09D5/4496, C09D7/40 - C09D7/70 and C08K (additional symbol).
- Coating compositions containing specific organic macromolecular substances are classified according to the macromolecular substance.
- Coating compositions comprising specific macromolecular substances with other macromolecular substances and/or non-macromolecular substances are also classified under the form of C-Sets as explained below.
- Coating compositions containing a single polymer and an inorganic or non-macromolecular organic additive as compounding agent are not classified in C08K, but in the C09D subclass together with the corresponding symbol in C08K in the form of C-Sets as explained below (i.e. #C9De).

Allocation of indexing codes:

- Orthogonal Indexing Codes C08L2201/00 - C08L2555/86 are used to specify the role, applications and the characteristics of the polymer compositions.
- Orthogonal Indexing codes may be allocated in conjunction with combination-set symbols. In these situations, allocations of

DATE: AUGUST 1, 2019

PROJECT MP0448

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

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 definition section "Special rules of classification".

C-Sets ID	Base Symbols	Subsequent Symbols	C-Sets Formula; Location of C-Sets Rules
#C9Da	C09D4/00	C08F210/00 - C08F246/00 (excluding breakdown indexing codes)	(C09D4/00, C08F); a coating composition based on at least one monomer; see C09D4/00
#C9Db	C09D4/06	C08F251/00 - C08F291/185	(C09D4/06, C08F); a coating composition based on at least one monomer and at least one polymer; see C09D4/06
#C9Dc	C09D101/00 - C09D201/00	C08L1/00 - C08L101/16 (excluding breakdown indexing codes)	(C09D, C08L, ...); a coating composition of two or more polymers; see C09D101/00
#C9Dc(Si)	C09D101/00 - C09D201/10 (excluding C09D183/02 - C09D183/16)	C08L83/02 - C08L83/16, C08L83/00	(C09D, C08L83/02 - C08L83/16, C08L83/00, ...); a coating composition comprising one non Si-based polymer in majority and two or more Si-based

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

			polymers; see C09D101/00
#C9Dc(Si)2	C09D183/02 - C09D183/16	C08L83/00 and optionally C08L1/00 - C08L101/16 (excluding C08L83/02 - C08L83/16 and excluding breakdown indexing codes)	(C09D183/02 - C09D183/16, C08L83/00, ..., C08L, ...); a coating composition comprising one Si-based polymer in majority with one or more Si-based polymers and optionally non-Si-based polymer(s); see C09D183/00
#C9De	C09D101/00 - C09D201/00	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 - C09D201/00	C08L1/00 - C08L101/16 (excluding breakdown indexing codes), 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 - C09D201/00 (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

DATE: AUGUST 1, 2019

PROJECT MP0448

#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 - C08K13/08 (excluding breakdown indexing codes)	(C09D183/02 - C09D183/16, C08L83/00, ..., 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) and additive(s); see C09D183/00
#C9Dz	C09D101/00 - C09D201/00	C08L2666/00 - C08L2666/26	(C09D, C08L2666/00 - C08L2666/26); a coating compositions of two or more polymers; see C09D101/00

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.

In this subclass, all exemplified compositions should be classified as separate C-Sets. In the absence of examples, at least one C-Set is given on the basis of sufficient disclosure in the document.

Glossary of terms

REPLACE: Existing Glossary of terms with the one below

Aliphatic radical	An acyclic or a non-aromatic carbocyclic carbon skeleton which is considered to be terminated by every bond to: an element other than carbon; a carbon atom
-------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

	having a double bond to one atom other than carbon; an aromatic carbocyclic ring or a heterocyclic ring.
Use of materials for coating compositions	The use of known or new polymers or products.
Rubber	Amorphous elastic material including: natural or conjugated diene rubbers; or rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for coating compositions based on such macromolecular compounds.
Filling pastes	Materials used to fill up the holes or cavities of a substrate in order to smooth its surface prior to coating.

Synonyms and Keywords**REPLACE**: Existing Synonyms and Keywords with the one below

ABS	Acrylonitrile-butadiene-styrene copolymer
AIBN	Azoisobutyronitrile (initiator)
AMMA	Acrylonitrile-methyl methacrylate copolymer
AMPS	Acrylamidomethylpropanesulfonic acid
BR	Butadiene rubber
CTFE	Chloro-trifluoroethylene
DVB	Divinylbenzene
EAA	Ethylene-acrylic acid copolymer
EPDM	Ethylene-propylene-diene-monomer
EPR	Ethylene-propylene rubber
EVA	Ethylene-vinyl acetate
EVOH	Ethylene-vinyl alcohol copolymer
HDPE	High-density polyethylene, d is greater than 0.95, homopolymer

DATE: AUGUST 1, 2019

PROJECT MP0448

HEMA	Hydroxyethyl methacrylate
LLDPE	Linear low-density polyethylene, significant comonomer content
LDPE	Low density polyethylene, prepared by radical process
PAN	Polyacrylonitrile
PEEK	Polyetherether ketone, also named polyetheresterketone
PEI	Polyethylenimine
PMMA	Polymethyl methacrylate
PPE	Polyphenylene ether
PPO	Polyphenylene oxide or polypropylene oxide
PPS	Polyphenylene sulphide
PTFE	Polytetrafluoroethylene
PUR	Polyurethane
PVA	Polyvinyl alcohol or polyvinyl acetate
PVAC	Polyvinyl acetate
ULDPE, VLDPE	Very low density polyethylene, d is less than 0.89, high comonomer content

C09D4/00

Definition statement

REPLACE: Existing Definition statement section with the one below

Coating compositions for coatings, paints, varnishes etc. based on non-macromolecular compounds that are able to be polymerized during the film formation step (in-situ polymerization) in the absence of a pre-formed polymer.

Any composition comprising at least one polymerisable ethylenically unsaturated monomer or oligomer and able to be polymerized by means of the known methods leading, during the film formation, to macromolecular compounds of C08F210/00 - C08F246/00 or coating

DATE: AUGUST 1, 2019

PROJECT MP0448

compositions based on non-macromolecular compounds that are able to react, during the film formation, to form macromolecular compounds of groups C08G77/00 - C08G77/62.

References:**DELETE:** Limiting references section**Informative references:****REPLACE:** Existing description with the modified one shown below

Coatings based on macromolecular compounds	C09D101/00 - C09D201/00
--------------------------------------------	----------------------------

Special rules of classification**REPLACE:** Existing Special rules of classification with the new section shown below

Classification guidance:

- In the case coating compositions based on non-macromolecular compounds that are able to react, during the film formation, to form macromolecular compounds of groups C08G77/00 - C08G77/80 (e.g. by hydrolysis condensation of siloxane-type of monomers), C09D4/00 is given together with a single symbol taken from groups C08G77/00 - C08G77/62 to indicate the nature of the polymer formed and a single symbol taken from groups C09D183/02 - C09D183/16 to indicate the nature of the coating composition which is assumed to be formed by the in situ polymerization of these monomers.
- A coating composition comprising phenyltriethoxysilane and aminopropyl trimethoxy silane in minority is classified in C09D4/00 together with C08G77/26 and in C09D183/08.

Combination sets (C-Sets):**C-Sets statement: #C9Da**

- In group C09D4/00, the coating compositions based on organic non-macromolecular compounds having at least one polymerizable carbon-to-carbon unsaturated bonds are classified in the form of C-Sets.

DATE: AUGUST 1, 2019

PROJECT MP0448

In #C9Da, the base symbol, representing coating composition, is taken from the group C09D4/00, whereas the subsequent symbol representing a representative monomer or a monomer in majority taken from the groups C08F210/00 - C08F246/00.

- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

C-Sets syntax rules:

- Each C-Set shall contain exactly two symbols.
- Duplicate symbols are not allowed in these C-Sets.
- Breakdown indexing codes are not allowed as either base or subsequent symbols.
- The order of symbols in these C-Sets is relevant as it reflects the coating composition and the monomer.

C-Sets examples:

- #C9Da: A coating composition consisting of trimethylolpropane trimethacrylate is classified as (C09D4/00, C08F222/1006).
- #C9Da: A coating composition comprising methyl methacrylate in majority and ethylene glycol dimethacrylate in minority is classified as (C09D4/00, C08F220/14) and as (C08F220/14, C08F2222/1013) for the resulting copolymer.

C-Sets Searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

C09D4/06 (NEW)

Definition statement

Coating compositions for coatings, paints, varnishes etc. based on non-macromolecular compounds that are able to be polymerized during the film formation step (in-situ polymerization) in the presence of a pre-formed polymer.

DATE: AUGUST 1, 2019

PROJECT MP0448

This includes any composition comprising at least one polymerisable ethylenically unsaturated monomer or oligomer with at least another polymer and able to be polymerized by means of the known methods leading to macromolecular compounds of C08F251/00 - C08F291/185.

Special rules of classification

C-Sets classification:

C-Sets statement: #C9Db

- In group C09D4/06 the coating compositions based on organic non-macromolecular compounds having at least one polymerizable carbon-to-carbon unsaturated bonds in combination with a macromolecular compound are classified in the form of C-Sets.
- In #C9Db, the base symbol, representing coating composition, is taken from the group C09D4/06, whereas the subsequent symbol representing the resulting graft copolymer in accordance with C08F is taken from the groups C08F251/00 - C08F291/185.
- A separate C-Set representing the graft copolymer that is formed according to the monomers of C08F must also be given.

C-Sets syntax rules:

- Each C-Set shall contain exactly two symbols.
- Duplicate symbols are not allowed in these C-Sets.
- Breakdown indexing codes are not allowed as either base or subsequent symbols.
- The order of symbols in these C-Sets is relevant as it reflects the coating composition and the grafted copolymer.

C-Sets examples:

- #C9Db: A coating composition comprising methyl methacrylate and polyvinyl chloride polymer is classified as (C09D4/06, C08F259/04) and (C08F259/04, C08F220/14) for the resulting graft copolymer.
- #C9Db: A coating composition comprising methyl methacrylate (C08F220/14) and a saturated polyester polymer is classified as

DATE: AUGUST 1, 2019

PROJECT MP0448

(C09D4/06, C08F283/002) and (C08F283/002, C08F220/14) for the resulting graft copolymer.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

C09D101/00**Relationships with other classification places**

REPLACE: Relationships with other classification places text with the three paragraphs shown below:

Covalently or ionically crosslinked gels are classified in C08B.

A composition based on cellulose, modified cellulose or cellulose derivatives is classified in C08L.

Adhesive compositions based on cellulose, modified cellulose or cellulose derivatives are classified in C09J.

References:

DELETE: Limiting references section

ADD: Informative references section and table

Informative references

Cellulose or derivatives thereof per se	C08B1/00 - C08B17/06
Compositions comprising cellulose or cellulose derivative	C08L1/00 - C08L1/32
Composition based on lignin-containing materials, e.g. lignin, cork, lignocellulose or wood	C08L97/00
Composition of natural macromolecular compounds or of derivatives thereof not provided for in groups C08L89/00 - C08L97/00, e.g. flours	C08L99/00

DATE: AUGUST 1, 2019

PROJECT MP0448

Adhesive or binder composition comprising cellulose or cellulose derivative	C09J101/00 - C09J101/32
-----------------------------------------------------------------------------	----------------------------

Special rules of classification

REPLACE: the entire existing “Special rules of classification” section and with the following new section:

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:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Coating compositions containing a single polymer and an inorganic or non-macromolecular organic additive as compounding agent are not classified in C08K, but in the C09D subclass together with the corresponding symbol in C08K in the form of C-Sets as explained below (i.e. #C9De).
- Coating compositions of cellulose or derivatives thereof in solution, together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a coating composition and are thus classified according to the rules of C09D.

C-Sets classification:**C-Sets statement: #C9Dc, #C9De, and #C9Df**

- In groups C09D101/00 - C09D201/10 coating composition based on polymers, and when present non-macromolecular additive(s), are classified in the form of C-Sets according to the relative proportions by weight percentage of the macromolecular constituents.
- In #C9Dc, the base symbol, representing the polymer in majority, is taken from the groups C09D101/00 - C09D201/10, whereas the subsequent symbol(s) representing the polymer in minority is (are) taken from the groups C08L1/00 - C08L101/16.

DATE: AUGUST 1, 2019

PROJECT MP0448

- In #C9De, the base symbol, representing the polymer, is taken from the groups C09D101/00 - C09D201/10, whereas the subsequent symbol(s) representing compound(s) used as an additive(s), is (are) taken from the groups C08K3/00 - C08K13/08.
- In #C9Df, the base symbol, representing the polymer in majority, is taken from the groups C09D101/00 - C09D201/10, whereas the subsequent symbol(s) representing the polymer(s) in minority is (are) taken from the groups C08L1/00 - C08L101/16 and further subsequent symbols representing compound(s) used as an additive(s), is (are) taken from the groups C08K3/00 - C08K13/08.
- In addition to C-Set #C9Dc, #C9De or #C9Df, a single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.
- Attention is drawn to coating compositions comprising, next to a major macromolecular compound according C09D101/00 - C09D201/00 (excluding C09D183/02 - C09D183/16), two or more Si-based polymers in accordance with C08G77/00 which are classified according to #C9Dc(Si) or #C9Df(Si) as explained below.
- Orthogonal indexing codes C08L 2201/00 - C08L 2555/86 must also be allocated as separate symbols when applicable.

C-Sets syntax rules:

- C-Set of #C9Dc and #C9De shall contain at least two symbols.
- C-Set of #C9Df shall contain at least three symbols.
- Duplicate subsequent symbols are allowed in these C-Sets for subsequent symbols only.
- Breakdown indexing codes are not allowed as either base or subsequent symbols.
- The order of symbols in these C-Sets is relevant as it reflects the relative amounts of each polymer, C09D always appears as base symbol.
- In #C9Df, the symbols for the additive(s) always appear(s) after the symbols for the polymers regardless their relative amounts.

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets examples:

- #C9Dc: A coating composition comprising polymethyl methacrylate (C09D133/12) in majority and polyvinyl chloride (C08L27/06) is classified as the C-Set (C09D133/12, C08L27/06).
- #C9Dc: A coating composition consisting of 60 wt.% of microcrystalline cellulose (C09D101/04) and 40 wt.% of maltodextrin (C08L3/02) is classified as (C09D101/04, C08L3/02).
- #C9De: A coating composition comprising polymethyl methacrylate (C09D133/12) in majority and a triaryl phosphate fire retardant (C08K5/523) is classified as the C-Set (C09D133/12, C08K5/523).
- #C9De: A coating composition consisting of carboxymethyl cellulose and glycerol (plasticiser) is classified as (C09D101/286, C08K5/053) and in C08K5/0016.
- #C9Df: A coating composition comprising polymethyl methacrylate in majority (C09D133/12), polyvinyl chloride (C08L27/06) and a triaryl phosphate fire retardant (C08K5/523) is classified as the C-Set (C09D133/12, C08L27/06, C08K5/523).

C-Sets statement: #C9Dc(Si), #C9Df(Si)

#C9Dc(Si), and #C9Df(Si) are a special use of #C9Dc and #C9Df and are applied for a composition comprising two or more Si-based polymers in accordance with C08G77/00.

- In groups C09D101/00 -C09D201/10, the feature relating to a coating composition comprising one non Si-based polymer in majority with two or more Si-based polymers is classified in the form of C-Sets.
- In #C9Dc(Si), the base symbol, representing the polymer in majority, is taken from the groups C09D101/00 - C09D201/10 (excluding C09D183/02 - C09D183/16), whereas the subsequent symbols representing the polymers in minority are taken from the groups C08L83/02 - C08L83/16 (for the Si-based polymer in majority, and in C08L83/00 for the Si-based polymer in minority).

DATE: AUGUST 1, 2019

PROJECT MP0448

- In #C9Df(Si), the base symbol, representing the polymer in majority, is taken from the groups C09D101/00 - C09D201/10 (excluding C09D183/02 - C09D183/16), whereas the subsequent symbols representing the polymers in minority are taken from the groups C08L83/02 - C08L83/16 (for the Si-based polymer in majority, and in C08L83/00 (for the Si-based polymer in minority) and further subsequent symbols representing compound(s) used as an additive(s), is (are) taken from the groups C08K3/00 - C08K13/08.
- In addition to C-Sets, one or more additional symbols are allocated, which are selected from the range C08G77/02 - C08G77/62 corresponding to each of the Si-based polymer detailed in the C-Set.
- In all cases, a single symbol is also given according to the macromolecular constituent present in the highest proportion.

C-Sets syntax rules:

- C-Set of #C9Dc(Si) shall contain at least three symbols.
- C-Set of #C9Df(Si) shall contain at least four or more symbols.
- Duplicate subsequent symbols are allowed in these C-Sets for subsequent symbols only, only one symbol selected from the range C08L83/02 - C08L83/16 is permitted per C-Set.
- Breakdown indexing codes are not allowed as either base or subsequent symbols.
- The order of symbols in these C-Sets is relevant as it reflects the relative amounts of each polymer; C09D always appears as base symbol.
- For #C9Df(Si), the symbols for the additive(s) always appear(s) after the symbols for the polymers regardless their relative amounts.

C-Sets examples:

- #C9Dc(Si): A coating composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02 (C09D167/02), an amine-substituted polysiloxane in accordance with C08G77/26 and an epoxy-substituted polysiloxane in accordance with C08G77/14 is classified as (C09D167/02, C08L83/08, C08L83/00) and in C08G77/14 (ADD) and C08G77/26 (ADD).

DATE: AUGUST 1, 2019

PROJECT MP0448

- #C9Df(Si): A coating composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02 (C019D167/02), an amine-substituted polysiloxane in accordance with C08G77/26 and an epoxy-substituted polysiloxane in accordance with C08G77/14 and carbon black is classified as (C09D167/02, C08L83/08, C08L83/00, C08K3/04) and in C08G77/14 (ADD) and C08G77/26 (ADD).

Also see C09D183/00 for more examples of compositions comprising Si-containing polymers.

C-Sets Searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D and related subclasses, e.g. C08K, C08L, and C09J.

In addition, Search rules #C8Lz, #C9Dz, and #C9Jz may be followed to search for polymers in documents classified prior to April 2012.

Search Rule #C9Dz:

To search a coating composition of 2 polymers, build search queries as follows:

- (C09D of the polymer in majority, C08L2666/00 - C08L2666/26). The subsequent symbol is selected from the most appropriate subgroup of C08L2666/02 - C08L2666/26 (last place rule).

The search statement can also be further refined by searching the polymer in minority by using its C08L as ADD for documents classified between 2003 and April 2012.

Example 1: A coating of 60 parts polyvinylchloride (C09D127/06) and 40 parts polyamide

Search queries: (C09D127/06, C08L2666/20), and optionally C08L77/00 (ADD).

Example 2: A coating of 50 parts polyvinylchloride (C09D127/06) and 50 parts polyamide (C09D177/00)

Search queries: (C09D127/06, C08L2666/20), and optionally C08L77/00, as well as (C09D177/00, C08L2666/04) and optionally C08L27/06.

DATE: AUGUST 1, 2019

PROJECT MP0448

#C9Dz search rules do not apply when polysiloxane is in majority and when there is a second polysiloxane, C08L83/00 is used as subsequent symbol(s) in that case.

Example 3: A coating composition based on a first polysiloxane (C09D183/04) and containing a second polysiloxane, a phenol and silica

Search queries: (C09D183/04, C08L83/00, C08K5/13, C08K3/36); and C08L2205/02 can also be searched.

To search for a composition of 3 or more polymers, build search queries as follows:

- (C08L of the polymer in majority, C08L2666/00 - C08L2666/26) and C08L2205/03 (ADD)

The search statement can also be further refined by searching the polymers in minority by using their C08L as ADD for documents classified between 2003 and April 2012.

In the case of a composition of three or more polymers, the subsequent symbol is taken from the common C08L2666/00 - C08L2666/26 group that covers all minority polymers.

C09D103/00

Relationships with other classification places

REPLACE: Existing Relationships with other classification places with the three paragraphs shown below

A composition based on starch or derivatives thereof is classified in C08L.

Covalently or ionically crosslinked gels are classified in C08B.

Adhesive compositions based on such starches are classified in C09J.

References:

DELETE: Limiting references section

ADD: Informative references section and table

DATE: AUGUST 1, 2019

PROJECT MP0448

Informative references

Starch and derivatives thereof per se	C08B30/00 - C08B35/08
Composition comprising starch, amylose, amylopectin or their derivatives or degradation products	C08L3/00 - C08L3/20
Composition of natural macromolecular compounds or of derivatives thereof not provided for in groups C08L89/00 - C08L97/00, e.g. flours	C08L99/00
Adhesive or binder composition comprising cellulose or cellulose derivative starch, amylose, amylopectin or their derivatives or degradation products	C09J103/00 - C09J103/20

Special rules of classification

REPLACE: Existing Special rules of classification section with the following new section:

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:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- A composition of starch or derivatives thereof in solution, together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a coating composition and are thus classified according to the rules of C09D.
- "Derivative" or "degradation product" do not include products obtained from starch such as corn syrup, corn sugar, corn-based ethanol or charcoal.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

DATE: AUGUST 1, 2019

PROJECT MP0448

- The coating compositions of this group are classified in the form of C-Sets according to the relative proportions by weight percentage of the macromolecular constituents.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.
- A coating composition containing starch and an inorganic or non-macromolecular organic additive as compounding agent is not classified in C08K, but in the C09D subclass together with the corresponding symbol in C08K in the form of C-Sets (i.e. #C9De).

Example 1: A coating composition of starch acetate in solution is classified in C09D103/06.

Example 2: A coating composition consisting of 60 wt. % of crosslinked starch and 40 wt.% of maltodextrin is classified as (C09D103/04, C08L3/02) and in C08L2205/02.

Example 3: A coating composition consisting of carboxymethyl starch and glycerol (plasticiser) is classified in (C09D103/08, C08K5/053) and C08K5/0016.

C-Sets Searches

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

C09D105/00

Relationships with other classification places

REPLACE: Existing Relationships with other classification places with the three paragraphs shown below

Covalently or ionically crosslinked gels are classified in C08B.

A composition based on such polysaccharides or derivatives thereof is classified in C08L.

DATE: AUGUST 1, 2019

PROJECT MP0448

Adhesive compositions based on such polysaccharides are classified in C09J.

References:**DELETE:** Limiting references section**ADD:** Informative references section and table***Informative references***

Polysaccharides per se	C08B37/00 - C08B37/0096
Composition comprising polysaccharide or polysaccharide derivative	C08L5/00 - C08L5/16
Adhesive or binder composition comprising polysaccharide or polysaccharide derivative	C09J105/00 - C09J105/16

Special rules of classification**REPLACE:** Existing Special rules of classification with the new section shown below

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:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- A composition of polysaccharides or derivatives thereof in solution, together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a coating composition and are thus classified according to the rules of C09D.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets

DATE: AUGUST 1, 2019

PROJECT MP0448

construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

- The coating compositions of this group are classified in the form of C-Sets according to the relative proportions by weight percentage of the macromolecular constituents.
- In addition, a single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.

Example 1: A coating composition of ethers of cyclodextrin in solution is classified in C09D105/16.

Example 2: A coating composition consisting of 60 wt.% of hyaluronic acid and 40 wt.% of maltodextrin is classified as (C09D105/08, C08L3/02).

Example 3: A coating composition consisting of carboxymethyl dextran and glycerol (plasticiser) is classified as (C09D105/02, C08K5/053) and C08K5/0016.

C-Sets Searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

C09D107/00

Relationships with other classification places

REPLACE: The third sentence in the bulleted list with the one below

- Compositions of diene rubbers or their derivatives in minority are given an additional symbol in C08L7/00 - C08L21/00

References:

DELETE: Limiting references section

DATE: AUGUST 1, 2019

PROJECT MP0448

Informative references:**ADD:** The following new entries to the Informative references table

Coating compositions of copolymers of ethene-propene or ethene-propene-diene, e.g. EPM or EPDM rubber	C09D123/16
Coating compositions of copolymers of isobutene with minor part of conjugated dienes monomers, e.g. butyl rubber	C09D123/22
Coating compositions of polyacrylates	C09D133/00
Coating compositions of unconjugated dienes	C09D147/00
Coating compositions of graft copolymers	C09D151/00
Coating compositions of block copolymers	C09D153/00
Coating compositions of ABS	C09D155/02
Adhesive compositions comprising diene rubbers or their derivatives	C09J107/00 - C09J121/00

Special rules of classification**REPLACE:** The existing Special rules of classification section with the following new section:

Last place priority rule:

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

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

C09D109/00

References:

DELETE: Limiting references section

Special rules of classification

REPLACE: Special rules of classification section with the one shown below

Last place priority rule:

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

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

Example 1: A coating composition comprising a blend of 60 parts polybutadiene (C09D109/00) and 40 parts polyamide (C08L77/00) is classified as (C09D109/00, C08L77/00).

Example 2: A coating composition comprising a blend of 50 parts polybutadiene (C09D109/00) and 50 parts polyamide (C09D177/00) is classified as (C09D109/00, C08L77/00) and (C09D177/00, C08L9/00).

Example 3: A coating composition comprising a blend of 60 parts polybutadiene (C09D109/00), 40 parts natural rubber (C08L7/00) and 40 parts of silica is classified as (C09D109/00, C08L7/00, C08K3/36).

C-Sets searches:

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D111/00

References:

DELETE: Limiting references section

Special rules of classification

REPLACE: Existing Special rules of classification section with the one shown below

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D113/00

References:

DELETE: Limiting references section

Special rules of classification

REPLACE: Existing Special rules of classification with the new one shown below

C-Sets classification:

DATE: AUGUST 1, 2019

PROJECT MP0448

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D115/00

Definition statement

REPLACE: existing Definition statement with the one below

- Coating compositions based on rubber derivatives

Rubber derivative means a rubber treated according to C08C.

Relationships with other classification places

ADD: The following new sentence to the Relationships with other classification places section AFTER the existing sentence.

An additional symbol in C08C may be given for the treatment of rubbers.

References:

ADD: Limiting references table shown below

DELETE: Existing text in Limiting references

Limiting references:

DATE: AUGUST 1, 2019

PROJECT MP0448

Coating compositions based on copolymers of chloroprene	C09D111/00
Coating compositions based on rubbers containing carboxyl groups	C09D113/00

Special rules of classification**REPLACE:** Existing Special rules of classification section with the one below**C-Sets classification:**

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D117/00**References:****DELETE:** Limiting references section**Special rules of classification****REPLACE:** Existing Special rules of classification with the new one shown below**C-Sets classification:**

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D119/00

Definition statement

REPLACE: The word “natural” in the first sentence with the following phrase:

- Coating compositions based on natural

References:

DELETE: Limiting references section

Special rules of classification

REPLACE: Existing Special rules of classification section with the one below

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D121/00

References:

DATE: AUGUST 1, 2019

PROJECT MP0448

DELETE: Limiting references section**Special rules of classification****REPLACE:** Existing Special rules of classification section with the one below**C-Sets classification:**

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D123/00**References:****DELETE:** Limiting references section***Informative references:*****ADD:** The following new rows to Informative references**REPLACE:** Symbol associated with “Electrical cables and wires” as shown below

Applications or uses of polymer compositions in films, e.g. a film of polyolefin	C08J
Compositions per se	C08L23/00
Adhesives or use of materials as adhesives	C09J123/00
Electrical cables and wires	H01B

DATE: AUGUST 1, 2019

PROJECT MP0448

Special rules of classification

REPLACE: Existing Special rules of classification with the following new section:

Last place priority rule:

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

Classification guidance:

- Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe coatings based on polyethylene, but subject-matter of the claim is a coating of polyolefin, the document is classified under coatings of polyethylene, e.g. (C09D123/06).
- In C09D123/00, coatings that have only one polymeric component are also classified, e.g. C09D123/0815 is used for a coating of only one ethylene vinylacetate polymer.
- Single polymers and their preparation are to be classified in C08F210/00 on the basis of sufficient disclosure in the document.

Choice of symbol for copolymer:

- a composition of copolymers get the symbol of the major component, except if there is a lower group which specifies the comonomer in minority (see also last place rule), e.g. ethylene butene copolymers (ethylene comonomer in majority) would be classified in C09D123/0815, and not in C09D123/20, but ethylene butene copolymers (butene in majority) would be classified in C09D123/20, not in C09D123/0815.
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C09D101/00.

DATE: AUGUST 1, 2019

PROJECT MP0448

- If C09D 123/00 relates to a compositions and two or more polymers are present, classification is given in the form of C-Sets according to the relative weight percentage of the polymer constituents.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- If all the constituents are present in equal weight percentage, the composition is classified according to each of these constituents.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.
- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A coating of a blend of 60 parts polyethylene (C09D123/06) and 40 parts polyamide (C08L77/00) is classified as (C09D123/06, C08L77/00).

Example 2: A coating composition containing 80 parts of polyethene and 20 parts of polyvinylchloride is classified as (C09D123/06, C08L27/06).

Example 3: A coating of a blend of 50 parts polyethylene (C09D123/06) and 50 parts polyamide (C09D177/00) is classified as (C09D123/06, C08L77/00) and (C09D177/00, C08L23/06).

Example 4: A coating composition containing 50 parts of polyethene and 50 parts of polyvinylchloride is classified in (C09D123/06, C08L27/06) and in groups (C09D127/06, C08L23/06).

Example 5: A coating based on a composition of polyethylene and containing CaCO₃ is classified in (C09D123/06, C08K3/26). If this composition contains also a polyamide, then the classification will be (C09D123/06, C08L77/00, C08K3/26).

Example 6: A coating based on a composition based on a first polyethylene (C09D123/06) and containing a second polyethylene, a phenol and silica is classified as (C09D123/06, C08L23/06, C08K5/13, C08K3/36) and C08L2205/025.

Example 7: A coating based on a composition containing a polyamide in majority, a polyester and a polyethylene is classified as (C09D177/00, C08L67/00, C08L23/06) and C08L2205/03.

DATE: AUGUST 1, 2019

PROJECT MP0448

Example 8: Coatings of compositions containing two polymers of the same dot group, for example compositions of two ethylene vinylacetate copolymers, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such a composition therefore would be (C09D123/0853, C08L23/0853) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties, e.g. molecular weight or density.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

Glossary of terms

ADD: the phrase “in accordance with” BEFORE the symbol C08L23/00 as shown below

ADD: Periods to ALL sentences in the RIGHT HAND column of the Glossary of terms

REPLACE: the designator “wt%” with “wt.%” for the entry “EPR or EPDM” as shown below

Modified by chemical after treatment	Modification of the polymer after polymerisation, exception: neutralisation of carboxylic acid containing polymers (C08L23/0884) and saponification of vinylacetate in EVA (C08L23/0861) are not regarded as after treatments in accordance with C08L23/00.
EPR or EPDM, elastomeric ethylene propylene (diene) copolymers	Elastomeric copolymer rubbers defined by similar amounts of ethylene and propene, e.g. 30 - 70wt.% ethylene and 70 - 30wt.% propene.
Rubber	a. Natural or conjugated diene rubbers; b. Rubber in general.

DATE: AUGUST 1, 2019

PROJECT MP0448

C09D125/00**References:****DELETE:** Limiting references section**ADD:** Informative references section***Informative references:***

SBR rubber	C09D109/06 - C09D109/08
Grafted (co)polymers	C09D151/00 - C09D151/10
Block (co)polymers	C09D153/02 - C09D153/025
Acrylonitrile butadiene styrene ABS	C09D155/02

Special rules of classification**REPLACE:** Existing Special rules of classification with the new one shown below

Classification guidance:

- Classification should be made based on the examples, but not the general claims in the documents. The use of main group symbols should be avoided if there are subgroups which cover the subject matter to be classified. The classification should be made in the most indented subgroup that covers the subject matter.
- For example, a document claims coating compositions of a polymer of an aromatic vinyl monomer, but the examples are limited to e.g. polystyrene. The document should receive the symbol C09D125/06, but not C09D125/04, C09D125/02 or C09D125/00.
- General purpose polystyrene (GPS) is classified in C09D125/06. (High) impact polystyrene HIPS is classified in C09D125/06, unless the rubber or rubber content is of relevance, where it should be classified in C09D151/04.

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D127/00**References:****DELETE:** Limiting references section**ADD:** Informative references section***Informative references:***

Coatings of chemically modified, (post)halogenated polymers	C09D123/28, C09D127/24
(per)Halogenated esters of unsaturated carboxylic acids	C09D133/00
(per)Halogenated polyethers	C09D171/00

Special rules of classification**REPLACE:** Existing Special rules of classification with the new section below

Classification guidance:

- Classification should be made based on the examples, but not the general claims in the documents. The use of main group symbols should be avoided if there are subgroups which cover the subject matter to be classified. The classification should be

DATE: AUGUST 1, 2019

PROJECT MP0448

made in the most indented subgroup that covers the subject matter.

- For example, a document claiming coating compositions of a fluorinated polymer, wherein the examples are limited to e.g. poly(tetrafluoroethylene), should be classified in C09D127/18 and not in C09D127/12.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D129/00

Special rules of classification

REPLACE: Existing Special rules of classification with the section shown below

Classification guidance:

- Classification should be made based on the examples, but not the general claims in the documents. The use of main group symbols should be avoided if there are subgroups which cover the subject matter to be classified. The classification should be made in the most indented subgroup that covers the subject matter.
- For example, a document claiming coating compositions of a polymer of an unsaturated alcohol monomer, wherein the examples are limited to e.g. polyvinyl alcohol, should be classified in C09D129/04 and not in C09D129/02 or C09D129/00.

C-Sets classification:

DATE: AUGUST 1, 2019

PROJECT MP0448

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D131/00

References:

Limiting references:

REPLACE: the word “hydrolised” with “hydrolysed”

Coatings of hydrolysed or saponified polymers thereof	C09D129/00
-------------------------------------------------------	------------

Special rules of classification

REPLACE: Existing Special rules of classification with the one shown below

Classification guidance:

- Classification should be made based on the examples, but not the general claims in the documents. The use of main group symbols should be avoided if there are subgroups which cover the subject matter to be classified. The classification should be made in the most indented subgroup that covers the subject matter.
- For example, a document claiming coating compositions of a (co)polymer of an unsaturated ester of a saturated carboxylic acid monomer, wherein the examples are limited to e.g. polyvinyl acetate, should receive the symbol C09D131/04 and not C09D131/02 or C09D131/00

C-Sets classification:

DATE: AUGUST 1, 2019

PROJECT MP0448

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D133/00

References:

DELETE: Limiting references section

Informative references:

ADD: The following new rows to the Informative references section

Coating compositions based on diene rubbers having acrylic monomers in minority	C09D113/00
Coating compositions having a major polymer part containing monomers in minority	C09D135/00 - C09D143/00
Applications or uses of polymer compositions in films, e.g. a film of polymethyl methacrylate	C08J e.g. C08J5/18, C08L33/12
Polymer compositions	C08L33/00
Adhesives	C09J133/00

Special rules of classification

DATE: AUGUST 1, 2019

PROJECT MP0448

REPLACE: Existing Special rules of classification section with the following new section

Last place priority rule:

- Within each subgroup of this group, in the absence of an indication to the contrary, classification is made in the last appropriate place.
- For example coating compositions comprising terpolymers of styrene, vinyl acetate and methyl methacrylate in similar proportions should be classified in C09D133/12 instead of C09D125/00 or C09D131/00.

Classification guidance:

- The monomer composition of the main polymer component can be characterised by a C-Set in C08F on the basis of sufficient disclosure in the description or claims.
- Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe compositions of acrylic copolymers, but subject matter of the claim is a composition of acrylamide copolymer, the document is classified as composition of acrylamide copolymers C09D133/26.
- The classification of the main component polymer of the composition should be according to the most specific, or reactive monomer, e.g. glycidyl methacrylate and not methyl methacrylate in a copolymer of glycidyl methacrylate and methyl methacrylate. All comonomers of the main polymeric component should be characterised by symbols in C08F, e.g. C08F220/32 and C08F220/14.

Choice of symbol for Copolymers:

- In a coating composition comprising a copolymer, the copolymer is given the symbol on the basis of the major component, except if there is a lower group which specifies the comonomer in minority.
- A coating composition based on a copolymer of ethylene and acrylic acid therefore is to be classified in C09D123/0869 (ethylene in majority), but in C09D133/02 if acrylic acid is in

DATE: AUGUST 1, 2019

PROJECT MP0448

majority. However, a coating based on a copolymer of acrylic ester and acrylonitrile (acrylic ester in majority) would be classified in C09D133/20.

- However, a coating based on a copolymer of acrylic ester and acrylonitrile (acrylic ester in majority) would be classified in C09D133/20.
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.
- The classification of the main component polymer of the coating composition should be according to the most specific, or reactive monomer (i.e. glycidyl methacrylate and not methyl methacrylate in a copolymer of glycidyl methacrylate and methyl methacrylate).
- Thus coating compositions comprising copolymers wherein anhydride, carboxylic acid or metal salt containing monomers are present are classified in C09D133/064; wherein hydroxyl-containing monomers are present are classified in C09D133/064, copolymers wherein glycidyl-containing monomers are present are classified in C09D133/068.

C-sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

- If C09D133/00 relates to a composition and two or more polymers are present, classification is given in the form of C-Sets according to the relative weight percentage of the polymer constituents.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal weight percentage, the composition is classified according to each of these constituents.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.

DATE: AUGUST 1, 2019

PROJECT MP0448

- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A coating composition of 60 parts polymethyl methacrylate (C09D133/12) and 40 parts polyamide (C08L77/00) is classified as (C09D133/12, C08L77/00).

Example 2: A coating composition of 50 parts polymethyl methacrylate (C09D133/12) and 50 parts polyamide (C09D177/00) is classified as (C09D133/12, C08L77/00) and (C09D177/00, C08L33/12).

Example 3: A coating composition based on polymethyl methacrylate and containing CaCO₃ is classified as (C09D133/12, C08K3/26). If this composition contains also a polyamide, then the classification will be (C09D133/12, C08L77/00, C08K3/26).

Example 4: A coating composition based on a first polymethyl methacrylate (C09D133/12) and containing as a second polymer a copolymer of acrylic acid, a phenol and silica is classified as (C09D133/12, C08L33/02, C08K5/13, C08K3/36) and C08L2205/02.

Example 5: A composition containing a polyamide in majority, a polyester and a polymethyl methacrylate is classified as (C09D177/00, C08L67/00, C08L33/12) and C08L2205/03.

Example 6: Coating compositions containing two polymers of the same dot group, for example compositions of two polymers amhydroxyl containing acrylic ester, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such a composition therefore would be (C09D133/066, C08L33/066) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties, e.g. molecular weight or density.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

DATE: AUGUST 1, 2019

PROJECT MP0448

C09D135/00**References:****DELETE:** Limiting references section***Application-oriented references:*****ADD:** the following new row to Application-oriented references

Applications or uses of polymer compositions in films, e.g. a film of maleic anhydride copolymer	C08J
--------------------------------------------------------------------------------------------------	------

Informative references:**ADD:** the following new rows to Informative references**REPLACE:** The symbol H01R with H01B for the entry “Coatings of electrical wires”

Polymer compositions	C08L35/00
Adhesives	C09J135/00
Coatings of electrical wires	H01B

Special rules of classification**REPLACE:** Existing Special rules of classification with the new section shown below

Last place priority rule:

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

Classification guidance:

Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe coatings of compositions of styrene-maleic anhydride, but subject matter of the claim is a coating of a composition of a vinyl aromatic copolymer, the document is classified as coating composition of styrene maleic anhydride copolymer C09D135/06.

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

- If C09D135/00 relates to a composition and two or more polymers are present, classification is given in the form of C-Sets according to the relative weight percentage of the polymer constituents.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- In addition, a single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal weight percentage, the composition is classified according to each of these constituents.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.
- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A coating of a blend of 60 parts styrene-maleic anhydride copolymer (C09D135/06) and 40 parts polyamide (C08L77/00) is classified as (C09D135/06, C08L77/00).

Example 2: A coating of a blend of 50 parts styrene-maleic anhydride copolymer (C09D135/06) and 50 parts polyamide (C09D177/00) is classified as (C09D135/06, C08L77/00) and (C09D177/00, C08L35/06).

Example 3: A coating of a composition based on styrene-maleic anhydride copolymer and containing CaCO₃ is classified as (C09D135/06, C08K3/26). If this composition contains also a polyamide, then the classification will be (C09D135/06, C08L77/00, C08K3/26).

Example 4: A coating of a composition based on a first styrene-maleic anhydride copolymer (C09D135/06) and containing a second styrene-

DATE: AUGUST 1, 2019

PROJECT MP0448

maleic anhydride copolymer, a phenol and silica is classified as (C09D135/06, C08L35/06, C08K5/13, C08K3/36) and C08L2205/025.

Example 5: A coating of a composition containing a polyamide in majority, a polyester and a styrene-maleic anhydride copolymer is classified as (C08L77/00, C08L67/00, C08L35/06) and C08L2205/03.

Example 6: A coating of compositions containing two polymers of the same dot group, for example compositions of two styrene-maleic anhydride copolymer polymers, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such compositions therefore would be (C09D135/06, C08L35/06) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties, e.g. molecular weight or density.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

Synonyms and Keywords

DELETE: All but the first sentence from Synonyms and Keywords section
Attention is drawn to the table at subclass level.

C09D137/00

References:

Limiting references:

DELETE: The last three rows of Limiting reference so that the only rows left in the table are the ones shown below

Coatings based on polymers of cyclic esters of polyfunctional acids	C09D131/00
Coatings based on polymers of cyclic anhydrides of unsaturated acids	C09D135/00

DATE: AUGUST 1, 2019

PROJECT MP0448

Application-oriented references:**ADD:** The following new row to Application-oriented references

Applications or uses of polymer compositions in films, e.g. a film of maleic anhydride copolymer	C08J
--------------------------------------------------------------------------------------------------	------

Informative references:**ADD:** The following two new rows to Informative References**REPLACE:** Symbol H01R with H01B for entry “Coatings of electrical wires”

Polymer compositions	C08L37/00
Adhesives	C09J137/00
Coatings of electrical wires	H01B

Special rules of classification**REPLACE:** Existing Special rules of classification section with the new one shown below

Last place priority rule:

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

Classification guidance:

Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe coatings of compositions of diene vinyl furan, but subject matter of the claim is a coating of a composition of a diene copolymer, the document is classified as coating composition of a vinyl furan copolymer C09D137/00.

C-Sets classification:

DATE: AUGUST 1, 2019

PROJECT MP0448

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

- If C09D137/00 relates to a composition and two or more polymers are present, classification is given in the form of C-Sets according to the relative weight percentage of the polymer constituents.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal weight percentage, the composition is classified according to each of these constituents.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.
- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A coating of a blend of 60 parts diene vinyl furan copolymer (C09D137/00) and 40 parts polyamide (C08L77/00) is classified as (C09D137/00, C08L77/00).

Example 2: A coating of a blend of 50 parts diene vinyl furan copolymer (C09D137/00) and 50 parts polyamide (C09D177/00) is classified as (C09D137/00, C08L37/00), and (C09D177/00, C08L37/00).

Example 3: A coating of a composition based on diene vinyl furan copolymer and containing CaCO₃ is classified in (C09D137/00, C08K3/26). If this composition contains also a polyamide, then the classification will be (C09D137/00, C08L77/00, C08K3/26).

Example 4: A coating of a composition based on a first diene vinyl furan copolymer (C09D137/00) and containing a second diene vinyl furan copolymer, a phenol and silica is classified as (C09D137/00, C08L37/00, C08K5/13, C08K3/36) and C08L2205/025.

DATE: AUGUST 1, 2019

PROJECT MP0448

Example 5: A coating of a composition containing a polyamide in majority, a polyester and a diene vinyl furan copolymer is classified as (C08L77/00, C08L67/00, C08L37/00) and C08L2205/03.

Example 6: A coating of compositions containing two polymers of the same dot group, for example compositions of two diene vinyl furan copolymer polymers, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such compositions therefore would be (C09D137/00, C08L37/00) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties, e.g. molecular weight or density.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D139/00

References:

DELETE: Limiting references section

Application-oriented references:

ADD: the following new row to Application-oriented references

Applications or uses of polymer compositions in films	C08J
-------------------------------------------------------	------

Informative references:

ADD: the following new rows to Informative references

REPLACE: The symbol H01R with H01B for the entry “Coatings of electrical wires”

Polymer compositions	C08L39/00
----------------------	-----------

DATE: AUGUST 1, 2019

PROJECT MP0448

Coating compositions based on polymers containing acrylamide or imide	C09D133/24 - C09D133/26
Adhesives	C09J139/00
Coatings of electrical wires	H01B

Special rules of classification

REPLACE: Existing Special rules of classification section with the new one shown below

Further subdivision:

- C09D139/04

Polymers containing an acrylamide or acrylimide containing a nitrogen containing substituent would be classified in C09D133/24.

For Copolymers:

- C09D139/00 may also be given when the monomer described therein is in minority in the copolymer of a coating composition. A coating based on a copolymer of acrylic ester and vinyl pyridine, which has a lower content of vinyl pyridine than acrylic ester, would also be classified in C09D139/08. Additional classification in C09D133/08 should be considered.

Last place priority rule:

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

Classification guidance:

Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe coatings of compositions of acrylic ester vinyl pyrrolidone copolymers, but subject matter of the claim is a coating of a composition of an acrylic ester copolymer, the document is classified as coating composition of vinyl pyrrolidone copolymer (C09D139/06)

C-Sets classification:

DATE: AUGUST 1, 2019

PROJECT MP0448

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

- If C09D139/00 relates to a composition and two or more polymers are present, classification is given in the form of C-Sets according to the relative weight percentage of the polymer constituents.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal weight percentage, the composition is classified according to each of these constituents.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.
- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A coating of a blend of 60 parts vinyl pyrrolidone copolymer (C09D139/06) and 40 parts polyamide (C08L77/00) is classified as (C09D139/06, C08L77/00).

Example 2: A coating of a blend of 50 parts vinyl pyrrolidone copolymer (C09D139/06) and 50 parts polyamide (C09D177/00) is classified as (C09D139/06, C08L77/00) and (C09D177/00, C08L39/06).

Example 3: A coating of a composition based on vinyl pyrrolidone copolymer and containing CaCO₃ is classified as (C09D139/06, C08K3/26). If this composition contains also a polyamide, then the classification will be (C09D139/06, C08L77/00, C08K3/26).

Example 4: A coating of a composition based on a first vinyl pyrrolidone copolymer (C09D139/06) and containing a second vinyl pyrrolidone copolymer, a phenol and silica is classified in (C09D139/06, C08L39/06, C08K5/13, C08K3/36) and C08L2205/025.

DATE: AUGUST 1, 2019

PROJECT MP0448

Example 5: A coating of a composition containing a polyamide in majority, a polyester and a vinyl pyrrolidone copolymer is classified as (C08L77/00, C08L67/00, C08L39/06) and C08L2205/03.

Example 6: A coating of compositions containing two polymers of the same dot group, for example compositions of two vinyl pyrrolidone copolymers, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such compositions therefore would be (C09D139/06, C08L39/06) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties, e.g. molecular weight or density.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

Synonyms and Keywords

DELETE: All text except for the first sentence as shown below

Attention is drawn to the table at subclass level.

C09D141/00

References:

DELETE: Limiting references section

Application-oriented references:

ADD: The following new row to Application-oriented references

Applications or uses of polymer compositions in films	C08J
-------------------------------------------------------	------

Informative references:

DATE: AUGUST 1, 2019

PROJECT MP0448

ADD: The following new rows to Informative references**REPLACE:** The symbol H01R with H01B for the entry “Coatings of electrical wires”

Polymer compositions	C08L41/00
Adhesives	C09J141/00
Coatings of electrical wires	H01B

Special rules of classification**REPLACE:** Existing Special rules of classification section with the new one shown below

Last place priority rule:

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

Classification guidance:

Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe coatings of compositions of acrylic ester vinyl thioethanol, but subject matter of the claim is a coating of a composition of an acrylic copolymer, the document is classified as coating composition of a vinyl thioethanol copolymer C09D141/00.

For Copolymers:

- C09D141/00 may also be given when the monomer described therein is in minority in the copolymer of a coating composition. A coating based on a copolymer of acrylic ester and vinyl thioethanol which has only a low content of vinyl thioethanol, would be classified in C09D141/00. Additional classification in C09D133/08 should be considered.
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

- If C09D141/00 relates to a composition and two or more polymers are present, classification is given in the form of C-Sets according to the relative weight percentage of the polymer constituents.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal weight percentage, the composition is classified according to each of these constituents.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.
- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A coating of a blend of 60 parts acrylic ester vinyl thioethanol copolymer (C09D141/00) and 40 parts polyamide (C08L77/00) is classified as (C09D141/00, C08L77/00).

Example 2: A coating of a blend of 50 parts acrylic ester vinyl thioethanol copolymer (C09D141/00) and 50 parts polyamide (C09D177/00) is classified as (C09D141/00, C08L77/00) and (C09D177/00, C08L41/00).

Example 3: A coating of a composition based on acrylic ester vinyl thioethanol copolymer and containing CaCO₃ is classified as (C09D141/00, C08K3/26). If this composition contains also a polyamide, then the classification will be (C09D141/00, C08L77/00, C08K3/26).

Example 4: A coating of a composition based on a first acrylic ester vinyl thioethanol copolymer (C09D141/00) and containing a second acrylic ester vinyl thioethanol copolymer, a phenol and silica is classified in (C09D141/00, C08L41/00, C08K5/13, C08K3/36) and C08L2205/025.

DATE: AUGUST 1, 2019

PROJECT MP0448

Example 5: A coating of a composition containing a polyamide in majority, a polyester and an acrylic ester vinyl thioethanol copolymer is classified as (C08L77/00, C08L67/00, C08L41/00) and C08L2205/03.

Example 6: A coating of compositions containing two polymers of the same dot group, for example compositions of an acrylic ester vinyl thioethanol copolymer polymers with two different polyethylenes, are characterised by the orthogonal indexing Code C08L2205/025. The complete classification for such compositions therefore would be (C09D141/00, C08L23/06), C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties, e.g. molecular weight or density.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D143/00

References:

DELETE: Limiting references

Application-oriented references:

ADD: The following new row to Application-oriented references

Applications or uses of polymer compositions in films	C08J
-------------------------------------------------------	------

Informative references:

ADD: The following new rows to Informative references

REPLACE: The symbol H01R with H01B for the entry “Coatings of electrical wires”

Polymer compositions	C08L43/00
----------------------	-----------

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Coating compositions based on copolymers of ethylene containing heteroatoms according C09D143/00	C09D123/0892
Coating compositions based on copolymers of propene containing heteroatoms according C09D143/00	C09D123/147
Adhesives	C09J143/00
Coatings of electrical wires	H01B

Special rules of classification

REPLACE: Existing Special rules of classification with the new section shown below

Further subdivisions:

- C09D143/02: Coatings of copolymers of ethylene or propene are not classified here.
- C09D143/04: Coatings of copolymers of ethylene or propene are not classified here.

For Copolymers:

- C09D143/00 may also be given when the monomer described therein is in minority in the copolymer of a coating composition. A coating based on a copolymer of acrylic ester and vinyl silane, which has a lower content of vinyl silane than acrylic ester, would also be classified in C09D143/04. Additional classification in C09D133/08 should be considered.
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.
- However, coatings based on copolymers where the major comonomer is ethylene or propene, are classified in C09D123/0892 or C09D123/147.

Last place priority rule:

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

Classification guidance:

DATE: AUGUST 1, 2019

PROJECT MP0448

Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe coatings of compositions of acrylic ester vinyl silane copolymers, but subject matter of the claim is a coating of a composition of an acrylic ester copolymer, the document is classified as coating composition of vinyl silane copolymer (C09D143/04).

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

- If C09D143/00 relates to a composition and two or more polymers are present, classification is given in the form of C-Sets according to the relative weight percentage of the polymer constituents.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal weight percentage, the composition is classified according to each of these constituents.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.
- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A coating of a blend of 60 parts vinyl silane copolymer (C09D143/04) and 40 parts polyamide (C08L77/00) is classified as (C09D143/04, C08L77/00).

Example 2: A coating of a blend of 50 parts vinyl silane copolymer (C09D143/04) and 50 parts polyamide (C09D177/00) is classified as (C09D143/04, C08L77/00) and (C09D177/00, C08L43/04).

Example 3: A coating of a composition based on vinyl silane copolymer and containing CaCO₃ is classified as (C09D143/04, C08K3/26). If this

DATE: AUGUST 1, 2019

PROJECT MP0448

composition contains also a polyamide, then the classification will be (C09D143/04, C08L77/00, C08K3/26).

Example 4: A coating of a composition based on a first vinyl silane copolymer (C09D143/04) and containing a second vinyl silane copolymer, a phenol and silica is classified as (C09D143/04, C08L43/04, C08K5/13, C08K3/36) and C08L2205/025.

Example 5: A coating of a composition containing a polyamide in majority, a polyester and a vinyl silane copolymer is classified as (C08L77/00, C08L67/00, C08L43/04) and C08L2205/03.

Example 6: A coating of compositions containing two polymers of the same dot group, for example compositions of two vinyl silane copolymer, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such compositions therefore would be (C09D143/04, C08L43/04) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties, e.g. molecular weight or density.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

Synonyms and Keywords

DELETE: All text EXCEPT for the first sentence as shown below
Attention is drawn to the table at subclass level.

C09D145/00

References:

Limiting references:

DELETE: All but the following rows from Limiting references

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Coatings based on polymers of cyclic esters of polyfunctional acids	C09D131/00
Coatings based on polymers of cyclic anhydrides or imides	C09D135/00

Application-oriented references:**ADD:** The following new row to Application-oriented references

Applications or uses of polymer compositions in films	C08J
-------------------------------------------------------	------

Informative references:**ADD:** The following new rows to Informative references**REPLACE:** The symbol associated with “Coatings of electrical wires” with the symbol H01B as shown below

Polymer compositions	C08L45/00
Coatings based on polymers containing a heterocyclic ring with oxygen	C09D137/00
Coatings based on copolymers of monomers terminated by a heterocyclic ring containing Nitrogen	C09D139/00
Adhesives	C09J145/00
Coatings of electrical wires	H01B

Special rules of classification**REPLACE:** Existing Special rules of classification section with the new one shown below

Last place priority rule:

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

Classification guidance:

DATE: AUGUST 1, 2019

PROJECT MP0448

- Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe coatings based on polynorbornene, but subject matter of the claim is a coating of polyolefin, the document is classified under coatings of polynorbornene C09D145/00.
- Specific other monomers can be characterised in C08F.

For Copolymers:

- Copolymers get the symbol of the major component, except if there is a lower group which specifies the comonomer in minority (see also last place rule), e.g. ethylene copolymers (ethylene comonomer in majority) would be classified in C09D123/0807, and not in C09D145/00, but ethylene norbornene (norbornene in majority) would be classified in C09D145/00, not in C09D123/08.
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

- If C09D145/00 relates to a composition and two or more polymers are present, classification is given in the form of C-Sets according to the relative weight percentage of the polymer constituents.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal weight percentage, the composition is classified according to each of these constituents.

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.
- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A coating of a blend of 60 parts poly-norbornene (C09D145/00) and 40 parts polyamide (C08L77/00) is classified as (C09D145/00, C08L77/00).

Example 2: A coating of a blend of 50 parts poly norbornene (C09D145/00) and 50 parts polyamide (C09D177/00) is classified as (C09D145/00, C08L77/00) and (C09D177/00, C08L45/00).

Example 3: A coating based on a composition of polynorbornene and containing CaCO₃ is classified as (C09D145/00, C08K3/26). If this composition contains also a polyamide, then the classification will be (C09D145/00, C08L77/00, C08K3/26).

Example 4: A coating based on a composition based on a first polynorbornene (C09D145/00) and containing a second polynorbornene, a phenol and silica is classified as (C09D145/00, C08L45/00, C08K5/13, C08K3/36) and C08L2205/025.

Example 5: A coating based on a composition containing a polyamide in majority, a polyester and a polynorbornene is classified as (C09D177/00, C08L67/00, C08L45/00) and C08L2205/03.

Example 6: Coatings of compositions containing two polymers of the same dot group, for example compositions of two polynorbornenes, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such compositions therefore would be (C09D145/00, C08L45/00) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties (e.g. molecular weight, density etc.)

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

DATE: AUGUST 1, 2019

PROJECT MP0448

C09D147/00**Relationships with other classification places**

DELETE: The following sentence from Relationships with other classification places:
Coating compositions of conjugated diene rubbers are classified in
C09D107/00 – C09D121/00

References:***Limiting references:***

REPLACE: Limiting references table with the one below

Compositions based on copolymers of compounds having no unsaturated aliphatic radicals in a side chain and having one or more carbon-to-carbon double bonds in a carbocyclic or in a heterocyclic system	C09D145/00
Compositions based on coinjugated diene rubbers	C09D109/00 - C09D121/00

Informative references:

ADD: Informative references section and table shown below

Compositions of conjugated diene polymers	C08L7/00 - C08L21/00
Compositions of copolymers of ethene-propene or ethene-propene-diene, e.g. EPM or EPDM rubber	C08L23/16
Compositions of copolymers of isobutene with minor part of conjugated dienes monomers, e.g. butyl rubber	C08L23/22
Compositions of coumarone-indene polymers	C08L45/02

Special rules of classification

REPLACE: Existing Special rules of classification section with the new one below

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D149/00**References:**

DELETE: Limiting references section

Application-oriented references:

ADD: The following new row to Application-oriented references

Applications or uses of polymer compositions in films	C08J
-------------------------------------------------------	------

Informative references:

ADD: The following new rows to Informative references

REPLACE: the symbol associated with the entry “Coatings of electrical wires” with the symbol H01B as shown below

Polymer compositions	C08L49/00
Applications or uses of polymer compositions in adhesives	C09J149/00

DATE: AUGUST 1, 2019

PROJECT MP0448

Coatings of electrical wires	H01B
------------------------------	------

Special rules of classification

REPLACE: Existing Special rules of classification with the new section shown below

Last place priority rule:

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

Classification guidance:

Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe coatings based on polyacetylene, but subject matter of the claim is a coating of polyolefin, the document is classified under coatings of polyacetylene (C09D149/00).

For Copolymers:

In a coating composition comprising a copolymer, the copolymer is given the symbol on the basis of the major component, except if there is a lower group which specifies the comonomer in minority (see also last place rule), e.g. ethylene copolymers (ethylene comonomer in majority) would be classified in C09D123/0807, and not in C09D149/00, but ethylene acetylene (acetylene in majority) would be classified in C09D149/00, not in C09D123/08.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

- If C09D149/00 relates to a composition and two or more polymers are present, classification is given in the form of C-Sets according to the relative weight percentage of the polymer constituents.

DATE: AUGUST 1, 2019

PROJECT MP0448

- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal weight percentage, the composition is classified according to each of these constituents.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.
- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A coating of a blend of 60 parts polyacetylene (C09D149/00) and 40 parts polyamide (C08L77/00) is classified as (C09D149/00, C08L77/00).

Example 2: A coating of a blend of 50 parts poly acetylene (C09D149/00) and 50 parts polyamide (C09D177/00) is classified as (C09D149/00, C08L77/00) and (C09D177/00, C08L49/00).

Example 3: A coating based on a composition of polyacetylene and containing CaCO₃ is classified as (C09D149/00, C08K3/26). If this composition contains also a polyamide, then the classification will be (C09D149/00, C08L77/00, C08K3/26).

Example 4: A coating based on a composition based on a first polyacetylene (C09D149/00) and containing a second polyacetylene, a phenol and silica is classified as (C09D149/00, C08L49/00, C08K5/13, C08K3/36) and C08L2205/025.

Example 5: A coating based on a composition containing a polyamide in majority, a polyester and a polyacetylene is classified as (C09D177/00, C08L67/00, C08L49/00) and C08L2205/03.

Example 6: Coatings of compositions containing two polymers of the same dot group, for example compositions of two polyacetylenes, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such compositions therefore would be (C09D149/00, C08L49/00) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties (e.g. molecular weight, density etc.)

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D151/00**Relationships with other classification places**

DELETE: The sentence beginning with “Compositions (General, adhesive or coating)...”

References:***Limiting references:***

DELETE: All BUT the following Limiting references entry

Coating compositions comprising ABS polymers	C09D155/02
----------------------------------------------	------------

Informative references:

ADD: Informative references section and table shown below

Coating compositions comprising an unsaturated monomer and a polymer (grafting in situ)	C09D4/06, C09D159/00 - C09D187/00
Coating compositions comprising block or graft copolymers containing polysiloxane sequences (not obtained by reaction of C=C monomer(s) onto polysiloxane)	C09D183/10
Coating compositions comprising graft polymers obtained by interreacting polymers in the absence of monomers (Graft polymer of C08G81/00 - C08G81/028)	C09D187/005

DATE: AUGUST 1, 2019

PROJECT MP0448

Special rules of classification**REPLACE:** Existing Special rules of classification with the new section below

For coating compositions comprising grafted rubbers, several symbols are given if the rubber is specific.

- if the rubber is EPR: C09D151/04 and C09D151/06
- if the rubber is EPDM, SBR or acrylate rubber: C09D151/04 and C09D151/003.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D153/00**References:****DELETE:** Limiting references section***Informative references:*****ADD:** Informative references section and table shown below

Coating compositions comprising block or graft copolymers containing polysiloxane sequences (not obtained by reaction of C=C monomer(s) onto polysiloxane)	C09D183/10
Coating compositions comprising block polymers obtained by interreacting polymers in the absence of monomers, i.e. block polymer of C08G81/00 - C08G81/028	C09D187/005

DATE: AUGUST 1, 2019

PROJECT MP0448

Special rules of classification

REPLACE: Existing Special rules of classification with the new section shown below

Coating composition:

- C09D153/005 and C09D153/025 cover coating compositions comprising modified block polymers. In particular, coating compositions comprising hydrogenated styrene-diene block copolymers are classified in C09D153/025.
- Coating compositions based on homopolymers or copolymers, obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in groups C09D123/00 - C09D153/00.

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D155/00**References:**

DELETE: Limiting references section

Informative references:

ADD: Informative references section and table shown below

Polymerisation by the diene synthesis	C08F2/60
ABS polymers per se	C08F279/04
Macromolecular compounds obtained by polymerising monomers on to polymers modified by introduction of aliphatic unsaturated end or side groups	C08F290/00 - C08F290/14
Polymeric compositions of macromolecular compounds obtained by polymerising monomers on to polymers modified by introduction of aliphatic unsaturated end or side groups	C08L55/00 - C08L55/04

Special rules of classification

REPLACE: Existing Special rules of classification with the new section shown below

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D157/00**References:**

DELETE: Limiting references section

Informative references:

ADD: Informative references section and table

Specific polymer coating compositions	C09D107/00 - C09D155/00
---------------------------------------	-------------------------

Special rules of classification

REPLACE: Existing Special rules of classification with the new section shown below

Classification guidance:

- The use of C09D157/00-C09D157/12 groups should be avoided by classifying the specific examples, whenever practicable, in the corresponding groups of C09D107/00-C09D155/00.
- Documents are preferably classified according to the examples in the documents, not according to general claims.

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D159/00**References:**

DELETE: Limiting references section

Informative references:

ADD: Informative references section and table

Coating of polyvinyl acetals	C09D129/04
------------------------------	------------

Special rules of classification

REPLACE: Existing Special rules of classification section with the one below

Classification guidance:

When a document specifies coating of polyacetal in general, or both homopolyacetals and copolyacetals, classification is done in the main group C09D159/00 only when the document specifically mentions homopolyacetals or copolyacetals, then classification in C09D159/02 or C09D159/04 is given.

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D161/00

Special rules of classification

REPLACE: Existing Special rules of classification section with the new one below

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D163/00

Special rules of classification

REPLACE: Existing Special rules of classification with the new section shown below

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

- If C09D163/00 relates to a composition and two or more polymers are present, classification is given in the form of C-Sets according to the relative weight percentage of the polymer constituents.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal weight percentage, the composition is classified according to each of these constituents.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its component(s) in minority.
- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A coating composition comprising a blend of 60 parts non-specified epoxy resin (C09D163/00) and 40 parts polyamide (C08L77/00) is classified as (C09D163/00, C08L77/00).

Example 2: A coating composition comprising a blend of 50 parts non-specified epoxy resin (C09D163/00) and 50 parts Novolak epoxy resin (C09D163/04) is classified as (C09D163/00, C08L63/04), (C09D163/04, C08L63/00) and C08L2205/02.

Example 3: A coating composition based of a polyepoxide and containing CaCO₃ is classified as (C09D163/00, C08K3/26). If this composition contains also a polyamide, then the classification will be (C09D163/00, C08L77/00, C08K3/26).

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition,

DATE: AUGUST 1, 2019

PROJECT MP0448

#C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D165/00

References:

Limiting references:

DELETE: Entry with “Compositions and adhesive compositions based on polymers according to main group C08G61/00”

ADD: The following two new entries to the Limiting references table

Coating compositions based on rubbers or on their derivatives	C09D107/00 - C09D157/00
Coating compositions based on condensation polymers of aldehydes or ketones	C09D161/00

Special rules of classification

REPLACE: Existing Special rules of classification with the new section below

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

DATE: AUGUST 1, 2019

PROJECT MP0448

C09D167/00**References:****Limiting references:**

DELETE: Entry for “Polymer compositions of polyesters” and the entry for “Adhesive compositions of polyesters”

Informative references:

ADD: The following two new rows to the Informative references table

Polymer compositions of polyesters	C08L67/00
Adhesive compositions of polyesters	C09J167/00

Special rules of classification

ADD: Special rules of classification section

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

DATE: AUGUST 1, 2019

PROJECT MP0448

C09D169/00

References:

DELETE: Limiting references section and table

Informative references:

ADD: The following two new rows to the Informative references table

Polymer compositions of polycarbonates	C08L69/00
Adhesive compositions of polycarbonates	C09J169/00

Special rules of classification

ADD: Special rules of classification section

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D171/00

Special rules of classification

ADD: The following C-Set information to the existing Special rules of classification section AFTER the existing statement

C-Sets classification:

DATE: AUGUST 1, 2019

PROJECT MP0448

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D173/00

Special rules of classification

ADD: The following C-Set information to the existing Special rules of classification section AFTER the existing statement

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

DATE: AUGUST 1, 2019

PROJECT MP0448

C09D175/00

References:

DELETE: Limiting references section and table

Informative references:

ADD: The following two new rows to the Informative references table

Polymer compositions wherein the major component is a polymer of C08G18/00 or C08G71/00	C08L75/00
Adhesive compositions of polyurethanes or polyureas	C09J175/00

Special rules of classification

REPLACE: Existing Special rules of classification section with the new one below

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D177/00

Special rules of classification

REPLACE: Existing Special rules of classification with the new section below

Group C09D177/10 takes precedence over C09D177/02, C09D177/04 and C09D177/06.

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D179/00

Special rules of classification

REPLACE: Existing Special rules of classification section with the new one below

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D181/00

Special rules of classification

ADD: The following new C-Set information to Special rules of classification AFTER the existing statement

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D183/00

Definition statement

REPLACE: First paragraph of the Definition statement with the one below

Coating compositions comprising macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing silicon with or without sulfur, nitrogen, oxygen or carbon only (Si-based macromolecular compounds in accordance with C08G77/00 or "Si-based polymers" hereunder), e.g.

DELETE: Sentence "These polymers are referred to with the MDTQ nomenclature."

Special rules of classification

ADD: Special rules of classification section shown below

The following symbols are given if applicable:

C08G77/70 for every document which uses the MDTQ nomenclature in the claims or the examples;

C08G77/80 for polysiloxanes having aromatic substituents such as phenyl side groups.

C-Sets classification:

DATE: AUGUST 1, 2019

PROJECT MP0448

In this group, multiple C-Sets, specifically C-Sets (#C9Dc, #C9Df, #C9Dc(Si), #C9Dc(Si)2, #C9Df(Si) and #C9Df(Si)2) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” of following places:

- See C-Sets #C9Dc, #C9Df, #C9Dc(Si) and #C9Df(Si) in C09D101/00
- See C-sets #C9Dc(Si)2 and #C9Df(Si) 2 present in this group below.

C-Sets statement : #C9Dc(Si)2, #C9Df(Si)2

#C9Dc(Si)2, and #C9Df(Si)2 are a special use of #C9Dc and #C9Df, are applied for a composition comprising two or more Si-based polymers in accordance with C08G77/00.

- In groups C09D183/02-C09D183/16, the feature relating to a coating composition comprising one Si-based polymer in majority with one Si-based polymer in minority optionally with non Si-based polymer is classified in the form of C-Sets.
- In #C9Dc(Si)2, the base symbol, representing the polymer in majority, is taken from the groups C09D183/02-C09D183/16, whereas the subsequent symbol(s) representing the Si-based macromolecular compound(s) in minority is (are) taken from the group C08L83/00 and optionally from the groups C08L1/00 - C08L101/16 for any other polymer .
- In #C9Df(Si)2, the base symbol, representing the polymer in majority, is taken from the groups C09D183/02-C09D183/16, whereas the subsequent symbol(s) representing the Si-based macromolecular compound(s) in minority is (are) taken from the group C08L83/00 and optionally from the groups C08L1/00 - C08L101/16 for any other polymer and further subsequent symbols representing compound(s) used as an additive(s), is (are) taken from the groups C08K3/00 - C08K13/08.
- In addition to C-Sets, one or more additional symbols are allocated, which are selected from the range C08G77/02 - C08G77/62 corresponding to each of the Si-based macromolecular compound components detailed in the C-Set.

DATE: AUGUST 1, 2019

PROJECT MP0448

- A single symbol is given according to the macromolecular constituent present in the highest proportion.

C-Sets syntax rules:

- C-Sets of #C9Dc(Si)2 shall contain at least two symbols.
- C-Sets of #C9Df(Si)2 shall contain at least three symbols.
- While duplicate symbols are allowed in these C-Sets, only one symbol selected from the range C09D183/02-C09D183/16 is permitted per C-Set.
- The order of C09D and C08L symbols in C-Sets of #C9Dc(Si)2 is relevant as it reflects the relative amounts of the polymers.
- In #C9Df(Si)2, the C08K symbols for the additives always appear after the symbols for the polymers (C09D or C08L). The order of C08K symbols of additives is not relevant if there is more than one additive in the composition.

C-Sets examples:

- #C9Dc

Example 1: A coating composition comprising, in descending amounts by weight, an epoxy-substituted polysiloxane in accordance with C08G77/14 and a polyester in accordance with C08G63/02 is classified as (C09D183/06, C08L67/02) and in C08G77/14 (ADD).

Example 2: A coating composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02 and an alkoxy-substituted polysiloxane in accordance with C08G77/18 is classified as (C09D167/02, C08L83/04) and in C08G77/18 (ADD).

- #C9Dc(Si)

Example 3: A coating composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02, an amine-substituted polysiloxane in accordance with C08G77/26 and an epoxy-substituted polysiloxane in accordance with C08G77/14 is classified as (C09D167/02, C08L83/08, C08L83/00) and in C08G77/14 (ADD) and C08G77/26 (ADD).

- #C9Dc(Si)2

CPC NOTICE OF CHANGES 710

DATE: AUGUST 1, 2019

PROJECT MP0448

Example 4: A coating composition comprising, in descending amounts by weight, a vinyl-substituted polysiloxane in accordance with C08G77/20 and a polysiloxane bearing Si-H groups in accordance with C08G77/12 is classified as (C09D183/04, C08L83/00) and in C08G77/12 (ADD) and C08G77/20 (ADD).

Example 5: A coating composition comprising, in descending amounts by weight, a vinyl-substituted polysiloxane in accordance with C08G77/20, an epoxy-substituted polysiloxane in accordance with C08G77/14 and a polysiloxane bearing Si-H groups in accordance with C08G77/12 is classified as (C09D183/04, C08L83/00, C08L83/00) and in C08G77/12, C08G77/14 and C08G77/20.

Example 6: A coating composition comprising, in descending amounts by weight, a silanol-substituted polysiloxane in accordance with C08G77/16, a polysiloxane bearing Si-H groups in accordance with C08G77/12 and a polyester in accordance with C08G63/02 is classified as (C09D183/04, C08L83/00, C08L67/02) and in C08G77/12 (ADD) and C08G77/16 (ADD).

Example 7: A coating composition comprising, in descending amounts by weight, a halogen group-bearing polysiloxane in accordance with C08G77/24, a polyester in accordance with C08G63/02 and an epoxy-substituted polysiloxane in accordance with C08G77/14 is classified as (C09D183/08, C08L67/02, C08L83/00) and in C08G77/14 (ADD) and C08G77/24 (ADD).

- #C9Df

Example 8: A coating composition comprising, in descending amounts by weight, an epoxy-substituted polysiloxane in accordance with C08G77/14 and a polyester in accordance with C08G63/02 and a resorcinol phosphate is classified as (C09D183/06, C08L67/02, C08K5/523) and in C08G77/14 (ADD).

Example 9: A coating composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02 and an alkoxy-substituted polysiloxane in accordance with C08G77/18 and silica is classified as (C09D167/02, C08L83/04, C08K3/36) and in C08G77/18 (ADD).

- #C9Df(Si)

Example 10: A coating composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02, an amine-substituted

DATE: AUGUST 1, 2019

PROJECT MP0448

polysiloxane in accordance with C08G77/26 and an epoxy-substituted polysiloxane in accordance with C08G77/14 and carbon black is classified as (C09D167/02, C08L83/08, C08L83/00, C08K3/04) and in C08G77/14 (ADD) and C08G77/26 (ADD).

- #C9Df(Si)2

Example 11: A coating composition comprising, in descending amounts by weight, a vinyl-substituted polysiloxane in accordance with C08G77/20 and a polysiloxane bearing Si-H groups in accordance with C08G77/12 and silica is classified as (C09D183/04, C08L83/00, C08K3/36) and in C08G77/12 (ADD) and C08G77/20 (ADD).

Example 12: A coating composition comprising, in descending amounts by weight, a vinyl-substituted polysiloxane in accordance with C08G77/20, an epoxy-substituted polysiloxane in accordance with C08G77/14 and a polysiloxane bearing Si-H groups in accordance with C08G77/12 and silica is classified as (C09D183/04, C08L83/00, C08L83/00, C08K3/36) and in C08G77/12 (ADD), C08G77/14 (ADD) and C08G77/20 (ADD).

Example 13: A coating composition comprising, in descending amounts by weight, a silanol-substituted polysiloxane in accordance with C08G77/16, a polysiloxane bearing Si-H groups in accordance with C08G77/12 and a polyester in accordance with C08G63/02 and a phenol is classified as (C09D183/04, C08L83/00, C08L67/02, C08K5/13) and in C08G77/12 (ADD) and C08G77/16 (ADD).

Example 14: A coating composition comprising, in descending amounts by weight, a halogen group-bearing polysiloxane in accordance with C08G77/24, a polyester in accordance with C08G63/02 and an epoxy-substituted polysiloxane in accordance with C08G77/14 and a phenol is classified as (C09D183/08, C08L67/02, C08L83/00, C08K5/13) and in C08G77/14 (ADD) and C08G77/24 (ADD).

C-Sets searches:

Since multiple C-Sets classifications are applicable to this group C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and this group above, as well as other related subclasses, e.g. C08K and C08L.

In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

DATE: AUGUST 1, 2019

PROJECT MP0448

C09D185/00

Special rules of classification

REPLACE: The sentence "Same rules apply as for C08L85/00 - C08L85/04 with the bulleted list below

ADD: C-Set information shown below

- Same rules apply as for C08L85/00 - C08L85/04.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D187/00

Special rules of classification

REPLACE: Existing Special rules of classification section with the one below

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D187/005

Special rules of classification

REPLACE: Existing Special rules of classification section with the one below

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D189/00

Definition statement

REPLACE: the word” form” to “from” in the sentence with “products derived...”

Relationships with other classification places

DELETE: Relationships with other classification places section.

References:

DELETE: Limiting references section and table

DATE: AUGUST 1, 2019

PROJECT MP0448

Application-oriented references:**ADD:** Application-oriented references section and table

Foodstuff preparations	A23J3/00
------------------------	----------

Informative references:**ADD:** Informative references section and table

Composition comprising proteins or protein derivatives	C08L89/00 - C08L89/06
Adhesive composition comprising proteins or protein derivatives	C09J189/00 - C09J189/06

Special rules of classification**REPLACE:** Existing Special rules of classification with the new section below

Reference A23J3/00 is non-limiting in the subclass/main group/subgroup C08L89/00. CPC will be updated/corrected once this inconsistency is resolved in IPC.

Last place priority rule:

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

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Proteins or derivatives thereof in solution, or together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a composition and are thus classified according to the rules of C08L. They are classified according to the relevant proportions by weight of only the macromolecular constituents, in particular according to the macromolecular constituent present in the highest proportion.

DATE: AUGUST 1, 2019

PROJECT MP0448

- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.
- Coating compositions containing a protein or derivatives thereof and an inorganic or non-macromolecular organic additive as compounding agent are not classified in C08K , but in the corresponding C09D subclass together with the corresponding Code(s) in C08K.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D191/00**References:**

DELETE: Limiting references section and table

Application-oriented references:

ADD: Application-oriented references section and table

Polishing compositions, ski waxes	C09G
Soaps, detergent compositions	C11D

Informative references:

ADD: Informative references section and table

Vulcanised oils, e.g. factice	C08H3/00
-------------------------------	----------

DATE: AUGUST 1, 2019

PROJECT MP0448

Compositions of oils, fats and waxes in minority	C08L91/00 - C08L91/08
Adhesive composition comprising oils, fats and waxes	C09J191/00 - C09J191/08

Special rules of classification

REPLACE: Existing Special rules of classification with the new section shown below

Reference C09G is non-limiting in the main group C09D191/00. CPC will be updated/corrected once this inconsistency is resolved in IPC.

Last place priority rule:

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

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Oils, fats and waxes in solution, or together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a composition and are thus classified according to the rules of C08L. They are classified according to the relevant proportions by weight of only the macromolecular constituents, in particular according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D193/00

Relationships with other classification places

DELETE: The phrase “Multiple classification”

DELETE: Sentence “Please refer also to the corresponding part in C09F1/00.”

References:

DELETE: Limiting references section and table

Informative references:

ADD: Informative references section and table

Composition comprising natural resins	C08L93/00 - C08L93/04
Purification or chemical modification of natural resins	C09F1/00
Polishing compositions	C09G
Adhesive composition comprising natural resins	C09J193/00 - C09J193/04

Special rules of classification

REPLACE: Existing Special rules of classification section with the new one below

Reference C09G is non-limiting in the main group C09D193/00. CPC will be updated/corrected once this inconsistency is resolved in IPC.

Last place priority rule:

DATE: AUGUST 1, 2019

PROJECT MP0448

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

Classification Guidance:

The subject matter disclosed in both the claims and the examples of a patent document is to be classified.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D195/00

Relationships with other classification places

DELETE: Sentence “These rules should be followed for reasons of general...”

References:

DELETE: Limiting references section and table

Informative references:

ADD: The following two new rows to Informative references

Coating or adhering of aggregate	C08L95/00 - C08L95/005
Adhering applications	C09J195/00 - C09J195/005

DATE: AUGUST 1, 2019

PROJECT MP0448

Special rules of classification

REPLACE: Existing Special rules of classification with the section below

Classification guidance:

- The subgroup C09D195/00 or C09D195/005 should be used only if the claims of the application explicitly encompass a bituminous coating as such.
- In addition a C08L95/00 symbol in combination with the relevant orthogonal indexing code(s) (C08L2555/00 - C08L2555/86) characterising essential features should also be given if the coating composition is mainly characterised by the bituminous composition, either by its constituents and/or by its parameters.

Example 1: A coating composition for coating a metal substrate comprising bitumen is classified in C09D195/00

Example 2: A coating composition for coating aggregate comprising bitumen is classified in C08L95/00

Example 3: A coating composition comprising bitumen for adhering an element to a substrate is classified in C09J195/00

Example 4: A coating composition comprising a mixture of bitumen and bees wax is classified in C09D195/00 and C08L95/00 and C08L2555/64

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

DATE: AUGUST 1, 2019

PROJECT MP0448

C09D197/00**DELETE:** Relationships with other classification places section**References:*****Limiting references:*****REPLACE:** Limiting references table with the one below

Coating compositions based on polysaccharides	C09D101/00 - C09D105/00
-----------------------------------------------	-------------------------

Informative references:**ADD:** The following new rows to Informative references

Macromolecular compounds derived from lignin	C08H6/00
Macromolecular compounds derived from lignocellulosic materials	C08H8/00
Composition comprising lignin-containing materials	C08L97/00 - C08L97/02
Coating composition of natural macromolecule compounds or of derivatives not provided for in groups C08L89/00 - C08L97/00, e.g. flours	C09D199/00
Adhesive composition comprising lignin-containing materials	C09J197/00 - C09J197/02

DATE: AUGUST 1, 2019

PROJECT MP0448

Special rules of classification

REPLACE: Existing Special rules of classification section with the new one shown below

Last place priority rule:

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

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Lignin-containing materials in solution, or together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a composition and are thus classified according to the rules of C09D. They are classified according to the relevant proportions by weight of only the macromolecular constituents, in particular according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.
- Coating compositions containing a lignin-containing material and an inorganic or non-macromolecular organic additive as compounding agent are not classified in C08K but in the corresponding C09D subclass together with the corresponding symbol(s) in C08K.

Example: A coating composition consisting of lignocellulose and glass fibres (filler) is classified in C09D197/02 and C08K7/14.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

DATE: AUGUST 1, 2019

PROJECT MP0448

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

C09D199/00

Relationships with other classification places

DELETE: Relationships with other classification places section

References:

DELETE: Limiting references section and table

Informative references:

ADD: Informative references section and table

Coating composition of starch or derivatives thereof	C09D103/00
Coating composition of lignin-containing materials, e.g. lignin, cork, lignocellulose or wood	C09D197/00
Natural macromolecular compounds or derivatives thereof	C08H99/00
Composition comprising natural macromolecular compounds	C08L99/00
Adhesive composition comprising natural macromolecular compounds	C09J199/00

Special rules of classification

REPLACE: Existing Special rules of classification section with the new one shown below

Last place priority rule:

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

DATE: AUGUST 1, 2019

PROJECT MP0448

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Natural macromolecular materials in solution, or together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a composition and are thus classified according to the rules of C08L.
- The compositions are classified according to the relevant proportions by weight of only the macromolecular constituents, in particular according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.
- Coating compositions containing a natural macromolecular material and an inorganic or non-macromolecular organic additive as compounding agent are not classified in C08K but in the corresponding C09D subclass together with the corresponding symbol(s) in C08K.

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.

DATE: AUGUST 1, 2019

PROJECT MP0448

C09D201/00

Special rules of classification

REPLACE: Existing Special rules of classification section with the new section shown below

C-Sets classification:

In this group, C-Sets (#C9Dc, #C9De, #C9Df, #C9Dc(Si) and #C9Df(Si)) are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification in C09D101/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C09D101/00 and related subclasses. In addition, #C8Lz, #C9Dz and #C9Jz Search Rules may be followed to search for polymers with additives in documents classified prior to April 2012.