EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 816

DATE: FEBRUARY 1, 2020

PROJECT MP0458

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

Action	**Subclass**	**Group(s)**
SCHEME:		
Titles Changed:	C08F	4/00, 6/06, 6/10, 6/14, 6/24, 6/26, 8/00, 8/30, 234/00, 283/00, 285/00, 287/00, 299/00, 2500/00
Notes Deleted:	C08F	4/60, 4/62, 14/06, 14/18, 20/10, 20/44, 265/06, 283/01
Notes New:	C08F	14/00, 16/00, 18/00, 20/00, 22/00, 24/00, 26/00, 28/00, 30/00, 32/00, 34/00, 38/00, 114/00, 116/00, 118/00, 120/00, 122/00, 124/00, 126/00, 128/00, 130/00, 132/00, 134/00, 138/00, 214/00, 216/00, 218/00, 220/00, 222/00, 224/00, 226/00, 228/00, 230/00, 232/00, 234/00, 238/00, 240/00, 242/00, 244/00, 246/00, 251/00, 253/00, 255/00, 257/00, 259/00, 261/00, 263/00, 265/00, 267/00, 269/00, 271/00, 273/00, 275/00, 277/00, 281/00, 283/00, 285/00, 287/00, 289/00, 290/00, 292/00, 293/00, 295/00, 297/00, 299/00, 2500/00
Notes Modified:		subclass, 2/00, 4/00, 6/00, 8/00, 10/00, 12/00, 36/00, 110/00, 112/00, 136/00, 210/00, 212/00, 236/00, 279/00, 291/00
Guidance Heading Deleted:	C08F	251/00
DEFINITIONS:		
Definitions New:	C08F	6/003, 6/005, 6/02, 6/06, 6/10, 6/12, 6/16, 6/18, 6/20, 6/22, 2500/00
Definitions Modified:	C08F	subclass, 2/00, 4/00, 6/00, 8/00, 8/02, 8/30, 8/32, 8/42, 8/46, 8/48, 10/00, 12/00, 14/00, 16/00, 18/00, 20/00, 22/00, 24/00, 26/00, 28/00, 30/00, 32/00, 34/00, 36/00, 38/00, 110/00, 112/00, 114/00, 116/00, 118/00, 120/00, 122/00, 124/00, 126/00, 128/00, 130/00, 132/00, 134/00, 136/00, 138/00, 210/00, 212/00, 214/00, 216/00, 218/00, 220/00, 222/00, 224/00, 226/00, 228/00, 230/00, 232/00, 234/00, 236/00, 238/00, 240/00, 242/00, 244/00, 246/00, 251/00, 253/00, 255/00, 257/00, 259/00, 261/00, 263/00, 265/00, 267/00, 269/00, 271/00, 273/00, 275/00, 277/00, 279/00, 281/00, 283/00, 285/00, 287/00, 289/00, 290/00,

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Action	**Subclass**	**Group(s)**
		291/00, 292/00, 293/00, 295/00, 297/00, 299/00

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES
   - ☒ A. New, Modified or Deleted Group(s)
   - ☐ B. New, Modified or Deleted Warning(s)
   - ☒ C. New, Modified or Deleted Note(s)
   - ☒ D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS
   - ☒ A. New or Modified Definitions (Full definition template)
   - ☐ B. Modified or Deleted Definitions (Definitions Quick Fix)
3. ☐ REVISION CONCORDANCE LIST (RCL)
4. ☐ CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. ☐ CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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DATE: FEBRUARY 1, 2020

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS C08F - MACROMOLECULAR COMPOUNDS OBTAINED BY REACTIONS ONLY INVOLVING CARBON-TO-CARBON UNSATURATED BONDS

Type*	**Symbol**	**Indent Level Number of dots (e.g. 0, 1, 2)**	**Title "CPC only" text should normally be enclosed in {curly brackets}****	**Transferred to#**
M	C08F4/00	0	Polymerisation catalysts	
M	C08F6/06	1	Treatment of polymer solutions {(C08F6/001, C08F6/006, C08F6/008, C08F6/02, C08F6/04 take precedence)}	
M	C08F6/10	2	Removal of volatile materials, e.g. solvents {(C08F6/001, C08F6/003, C08F6/005, C08F6/006, C08F6/008, C08F6/02, C08F6/04 take precedence)}	
M	C08F6/14	1	Treatment of polymer emulsions {(C08F6/001, C08F6/006, C08F6/008, C08F6/02, C08F6/04 take precedence)}	
M	C08F6/24	1	Treatment of polymer suspensions {(C08F6/001, C08F6/006, C08F6/008, C08F6/02, C08F6/04 take precedence)}	
M	C08F6/26	1	Treatment of polymers prepared in bulk {also solid polymers or polymer melts, (C08F6/001, C08F6/006, C08F6/008, C08F6/02, C08F6/04 take precedence)}	
M	C08F8/00	0	Chemical modification by after-treatment (graft polymers, block polymers, crosslinking with unsaturated monomers or with polymers C08F 251/00 - C08F 299/00; of conjugated diene rubbers C08C)	
M	C08F8/30	1	Introducing nitrogen atoms or nitrogen-containing groups	
M	C08F234/00	0	Copolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain and having one or more carbon-to-carbon double bonds in a heterocyclic ring (cyclic esters of polyfunctional acids C08F218/00; cyclic anhydrides or imides C08F222/00)	
M	C08F283/00	0	Macromolecular compounds obtained by polymerising monomers on to polymers provided for in subclass C08G	
M	C08F285/00	0	Macromolecular compounds obtained by polymerising monomers on to preformed graft polymers	

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Type*	**Symbol**	**Indent Level Number of dots (e.g. 0, 1, 2)**	**Title "CPC only" text should normally be enclosed in {curly brackets}****	**Transferred to#**
M	C08F287/00	0	Macromolecular compounds obtained by polymerising monomers on to block polymers	
M	C08F299/00	0	Macromolecular compounds obtained by interreacting polymers involving only carbon-to-carbon unsaturated bond reactions, in the absence of non-macromolecular monomers	
M	C08F2500/00	0	Characteristics or properties of obtained polymers; Use thereof	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required "anchor" symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups).Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- "Transferred to" column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be "additional information".
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("Transferred to") symbol, however it is required to specify "<no transfer>" in the "Transferred to" column for such cases.
- For finalisation projects, the deleted "F" symbols should have <no transfer> in the "Transferred to" column.
- For more details about the types of scheme change, see CPC Guide.

C. New, Modified or Deleted Note(s)

SUBCLASS C08F - MACROMOLECULAR COMPOUNDS OBTAINED BY REACTIONS ONLY INVOLVING CARBON-TO-CARBON UNSATURATED BONDS

Type*	**Location**	**Old Note**	**New/Modified Note**
M	C08F	4. In this subclass, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, a catalyst or a polymer is classified in the last appropriate place. 6. This subclass covers also compositions based on monomers which form macromolecular compounds classifiable in this subclass. In this subclass: a. if the monomers are defined, classification is made according to the polymer to be formed: • in groups C08F 10/00-C08F 246/00 if no preformed polymer is present; • in groups C08F 251/00-C08F 291/00 if a preformed polymer is present, considering the reaction to take place as a graft or cross-linking reaction; b. if the presence of compounding ingredients is of interest, classification is made in group C08F 2/44 c. if the compounding ingredients are of interest per se , classification is also made in subclass C08K.	Replace Note 4 with the revised note shown below. 4. In this subclass, in the absence of an indication to the contrary in the scheme or definitions, classification is made in the last appropriate place. Replace the second bullet in Note 6 with the revised text shown below. • in groups C08F 251/00 - C08F 291/00 if a preformed polymer is present, considering {or not} the reaction to take place as a graft or cross-linking reaction;
M	C08F2/00	Group C08F 2/00 and subgroups can be incomplete according to the following classification rules: • if a process of polymerisation is specifically used for only one type of polymer, it is not classified in C08F 2/00; • in such a case, the classification symbol of C08F 2/00 providing for the process of polymerisation may be used in the form of Combination Set in the groups providing for the polymer, e.g. (C08F 36/04, C08F 2/14) • this method of classification is applied only when a note after the group providing	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

Type*	**Location**	**Old Note**	**New/Modified Note**
		for the polymer explicitly indicates which symbols of C08F 2/00 may be used for forming the Combination Set.	
M	C08F4/00	1. Group C08F 4/00 and subgroups can be incomplete according to the following classification rules: • if a catalyst is specifically used for only one type of polymer, it is not classified in C08F 4/00; • in such a case, the classification symbol of C08F 4/00 providing for the catalyst may be used as a symbol for a C-Set in the groups providing for the polymer, e.g. (C08F 12/04, C08F 4/62) • this method of classification is applied only when a note after the group providing for the polymer explicitly indicates which symbols of C08F 4/00 may be used for forming the C-set. 2. When classifying in group C08F 4/00, the type of catalyst can be further indexed by using indexing codes chosen from C08F 2410/00, C08F 2420/00 or their subgroups	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
D	C08F4/60	1. In groups C08F 4/602-C08F 4/62, the following term is used with the meaning indicated: "component" comprises a transition metal or a compound thereof, pretreated or not. 2. In groups C08F 4/602-C08F 4/619, the group C08F 4/60003 takes precedence	Delete the existing Notes 1 and 2.
D	C08F4/62	Group C08F 4/62003 takes precedence over groups C08F 4/622 - C08F 4/639	Delete the existing note.
M	C08F6/00	1. In groups C08F 6/00 - C08F 6/28 the treatment of specific polymers is indicated using the subdivision of C08L 23/00 - C08L 57/12 in the form of C-Sets. Example: (C08F 6/12, C08L 25/06) 2. Groups C08F 6/001, C08F 6/006, C08F 6/008, C08F 6/02, C08F 6/04 take precedence over the other groups.	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

Type*	**Location**	**Old Note**	**New/Modified Note**
M	C08F8/00	1. Classification is given in the form of C-Sets when sufficient information is provided concerning the polymer to be modified. In groups C08F 8/00 - C08F 8/50, the chemical modification of specific polymers is indicated using the subdivisions of C08F 10/00 - C08F 34/04, C08F 38/00 - C08F 38/04, C08F 110/00 - C08F 134/04, C08F 138/00 - C08F 138/04, C08F 210/00 - C08F 234/04, C08F 238/00 - C08F 299/08. Example: (C08F 8/44, C08F 16/06) Otherwise, only the C08F 8/00 - C08F 8/50 symbol(s) is (are) given.	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
M	C08F10/00	1. In groups C08F 10/00 - C08F 10/14 the method of polymerisation or the nature of the catalyst may be indicated using the subdivision of C08F 2/00 - C08F 2/58 or of C08F 4/00 - C08F 4/82in the form of C-Sets. Example: (C08F 10/02, C08F 4/651)	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
M	C08F12/00	1. Until March 2012, in groups C08F 12/04 - C08F 12/08 the method of polymerisation might be indicated using the subdivision of C08F 2/02 - C08F 2/06, C08F 2/16 - C08F 2/30, C08F 2/34or C08F 2/38 - C08F 2/46 in the form of C-sets; the nature of the catalyst might be indicated using the subdivision of C08F 4/00 - C08F 4/60, C08F 4/62, C08F 4/64 or C08F 4/68 - C08F 4/82in the form of C-Sets. Example: (C08F 12/08, C08F 2/20) 2. From April 2012 on, in groups C08F 12/00 - C08F 12/36 the method of polymerisation may be indicated using the subdivision of C08F 2/00 - C08F 2/60 in the form of C-Sets; the nature of the catalyst may be indicated using the subdivision of C08F 4/00 - C08F 4/82 in the form of C-Sets. Example: (C08F 12/08, C08F 2/56)	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F14/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information

Type*	**Location**	**Old Note**	**New/Modified Note**
			about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
D	C08F14/06	1. In group C08F 14/06 the method of polymerisation may be indicated using the subdivision of C08F 2/02 - C08F 2/06, C08F 2/16 - C08F 2/30, C08F 2/34 or C08F 2/38 - C08F 2/46 in the form of C-Sets. Example: (C08F 14/06, C08F 2/44)	Delete the existing note.
D	C08F14/18	1. In group C08F 14/18 and subgroups, the method of polymerisation may be indicated using the subdivision of C08F 2/02, C08F 2/04, C08F 2/16, C08F 2/38, C08F 2/44 and C08F 2/46 in the form of C-Sets. Example: (C08F 14/22, C08F 2/38)	Delete the existing note.
N	C08F16/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F18/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F20/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
D	C08F20/10	1. In groups C08F 20/12 - C08F 20/14 the method of polymerisation may be indicated using the subdivision of C08F 2/02 - C08F 2/06, C08F	Delete the existing note.

Type*	**Location**	**Old Note**	**New/Modified Note**
		2/16 - C08F 2/30, C08F 2/34 or C08F 2/38 - C08F 2/46 in the form of C-Sets. Example: (C08F 20/12, C08F 2/26)	
D	C08F20/44	In group C08F 20/44 the method of polymerisation may be indicated using the subdivision of C08F 2/02 - C08F 2/06, C08F 2/16 - C08F 2/30, C08F 2/34 or C08F 2/38 - C08F 2/46 in the form of C-Sets. Example: (C08F 20/44, C08F 2/46)	Delete the existing note.
N	C08F22/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F24/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F26/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F28/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

Type*	**Location**	**Old Note**	**New/Modified Note**
N	C08F30/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F32/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F34/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
M	C08F36/00	In C08F 36/00 - C08F 36/22 the method of polymerisation may be indicated using the subdivision of C08F 2/00 - C08F 2/58 in the form of C-Sets; the nature of the catalyst may be indicated using the subdivision of C08F 4/00 - C08F 4/60, C08F 4/62, C08F 4/64, C08F 4/642, C08F 4/6421, C08F 4/643 or C08F 4/68 - C08F 4/82 in the form of C-Sets. Example: (C08F 36/04, C08F 4/642)	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F38/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

Type*	**Location**	**Old Note**	**New/Modified Note**
M	C08F110/00	1. In groups C08F 110/00 - C08F 110/14 the method of polymerisation or the nature of the catalyst may be indicated using the subdivision of C08F 2/00 - C08F 2/58 or of C08F 4/00 - C08F 4/82 in the form of C-Sets. Example: (C08F 110/14, C08F 4/6592)	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
M	C08F112/00	1. From April 2012 on, in groups C08F 112/00 - C08F 112/36 the method of polymerisation may be indicated using the subdivision of C08F 2/00 - C08F 2/60 in the form of C-Sets; the nature of the catalyst may be indicated using the subdivision of C08F 4/00 - C08F 4/82 in the form of C-Sets. Example: (C08F 112/08, C08F 4/70)	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F114/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F116/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F118/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

Type*	**Location**	**Old Note**	**New/Modified Note**
N	C08F120/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F122/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F124/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F126/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F128/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F130/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction

Type*	Location	Old Note	New/Modified Note
			and the associated syntax rules is present in the Definitions of C08F.}
N	C08F132/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F134/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
M	C08F136/00	1. In C08F 136/00 - C08F 136/22 the method of polymerisation may be indicated using the subdivision of C08F 2/00 - C08F 2/58 in the form of C-Sets; the nature of the catalyst may be indicated using the subdivision of C08F 4/00 - C08F 4/60, C08F 4/62, C08F 4/64, C08F 4/642, C08F 4/6421, C08F 4/643 or C08F 4/68 - C08F 4/82 in the form of C-Sets. Example: (C08F 136/18, C08F 2/26)	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F138/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
M	C08F210/00	1. In C08F 210/00 - C08F 210/18 the method of polymerisation or the nature of the catalyst may be indicated using the subdivision of C08F 2/00 - C08F 2/58 or of C08F 4/00 - C08F 4/82 in the form of C-Sets. Example: (C08F 210/06, C08F 4/04)	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules

Type*	**Location**	**Old Note**	**New/Modified Note**
			is present in the Definitions of C08F.}
M	C08F212/00	1. From April 2012 on, in groups C08F 212/00 - C08F 212/36 the method of polymerisation may be indicated using the subdivision of C08F 2/00 - C08F 2/60 in the form of C-Sets; the nature of the catalyst may be indicated using the subdivision of C08F 4/00 - C08F 4/82 in the form of C-Sets. Example: (C08F 212/08, C08F 4/16)	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F214/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F216/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F218/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F220/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

Type*	**Location**	**Old Note**	**New/Modified Note**
N	C08F222/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F224/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F226/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F228/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F230/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F232/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction

Type*	Location	Old Note	New/Modified Note
			and the associated syntax rules is present in the Definitions of C08F.}
N	C08F234/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
M	C08F236/00	1. In C08F 236/00 - C08F 236/22 the method of polymerisation may be indicated using the subdivision of C08F 2/00 - C08F 2/58 in the form of C-Sets; the nature of the catalyst may be indicated using the subdivision of C08F 4/00 - C08F 4/60, C08F 4/62, C08F 4/64, C08F 4/642, C08F 4/6421, C08F 4/643 or C08F 4/68 - C08F 4/82 in the form of C-Sets. Example: (C08F 236/10, C08F 4/46)	Replace: The existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F238/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F240/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F242/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules

Type*	**Location**	**Old Note**	**New/Modified Note**
			is present in the Definitions of C08F.}
N	C08F244/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F246/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F251/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F253/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F255/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

Type*	**Location**	**Old Note**	**New/Modified Note**
N	C08F257/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F259/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F261/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F263/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F265/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

Type*	**Location**	**Old Note**	**New/Modified Note**
D	C08F265/06	1. In C08F 265/06 the method of polymerisation may be indicated using the subdivision of C08F 2/02, C08F 2/16, C08F 2/18 or C08F 2/22 in the form of C-Sets. Example: (C08F 265/06, C08F 2/16)	Delete the existing note.
N	C08F267/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F269/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F271/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F273/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F275/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

Type*	**Location**	**Old Note**	**New/Modified Note**
N	C08F277/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
M	C08F279/00	1. In C08F 279/02 and C08F 279/04 the method of polymerisation may be indicated using the subdivision of C08F 2/02, C08F 2/16, C08F 2/18 or C08F 2/22 in the form of C-Sets. Example: (C08F 279/02, C08F 2/22)	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F281/00		Insert: The following new note: In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.
N	C08F283/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
D	C08F283/01	1. After the symbol of group C08F 283/01 - C08F 283/14 and using the C-Sets, notations concerning the method of polymerisation or the nature of the catalyst can be indicated. These notations are selected from groups C08F 2/00, C08F 2/16, C08F 2/46, C08F 2/48, C08F 2/50, C08F 4/00, C08F 4/04, C08F 4/06, C08F 4/28 and C08F 4/42. Example: (C08F 283/01, C08F 2/16)	Delete the existing note.

Type*	**Location**	**Old Note**	**New/Modified Note**
N	C08F285/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F287/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F289/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F290/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
M	C08F291/00	In C08F 291/00 the method of polymerisation may be indicated using the subdivision of C08F 2/02, C08F 2/16, C08F 2/18 or C08F 2/22 in the form of C-Sets. Example: (C08F 291/00, C08F 2/16)	Replace the existing note with the following new note. {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

Type*	**Location**	**Old Note**	**New/Modified Note**
N	C08F292/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F293/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F295/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F297/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}
N	C08F299/00		Insert: The following new note: {In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.}

CPC NOTICE OF CHANGES 816

DATE: FEBRUARY 1, 2020

PROJECT MP0458

Type*	**Location**	**Old Note**	**New/Modified Note**
N	C08F2500/00		Insert: The following new note: C08F2500/01 - C08F2500/26 groups only are used in C-Sets as subsequent symbol(s) and are not allocated as single symbol(s). The detailed information about the C-Sets construction and the associated syntax rules is present in the Definitions of C08F.

*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.

C. /

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

SUBCLASS C08F - MACROMOLECULAR COMPOUNDS OBTAINED BY REACTIONS ONLY INVOLVING CARBON-TO-CARBON UNSATURATED BONDS

Type*	**Location**	**Old Guidance Heading**	**New/Modified Guidance Heading**
D	C08F251/00	Note: In C08F 251/00 - C08F 292/00 the grafted monomer may be indicated using the subdivision of C08F 210/00 - C08F 238/04 preceded by a "+" sign. Example: C08F 265/06 + C08F 220/06	Delete the note located under the title for the Guidance Heading and before C08F 251/00.

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

NOTES:

- The "Location" column requires the symbol AFTER the guidance heading location. No further directions such as "before" or "after" are required.
- In cases where there may be confusion as to whether a new group falls within the scope of a guidance heading, indicate the guidance heading and whether the group does or does not go with the guidance heading. This can be included in the "Location" column. For example, the guidance heading "Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen" encompasses groups C07C 301/00-395/00 only. If a new group C07C 398/00 is proposed and is included in the guidance heading scope, indicate this in the "Location" column as follows: 398/00 to be included under the guidance heading: "Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen."

2. A. DEFINITIONS (new)

C08F6/003

Definition statement

This place covers:

Removal of residual monomers by physical means from solutions, suspensions, dispersions or emulsions of polymers, without isolating the polymer therefrom.

C08F6/005

Definition statement

This place covers:

Removal of residual monomers by physical means from solid polymers or polymer melts.

C08F6/02

Definition statement

This place covers:

Neutralisation of the polymer mass covers also killing the catalyst, removing catalyst residues, removing of metals and metal residues in general, extraction processes therefore or cation exchange processes therefore.

C08F6/06

Definition statement

This place covers:

Treatment of polymer solutions covers solvent exchange treatment, nano-filtration, micro-filtration and ultra-filtration.

References

Limiting references

This place does not cover:

Removal of residual monomers by physical means	C08F6/001
Removal of residual monomers by chemical reaction	C08F6/006
Treatment of solid polymer wetted by water or organic solvents	C08F6/008
Neutralisation of the polymerisation mass	C08F6/02
Fractionation	C08F6/04

C08F6/10

Definition statement

This place covers:

Removal of volatile materials covers only removal of solvents but not removal of monomers.

References

Limiting references

This place does not cover:

Removal of residual monomers by physical means	C08F6/001
Removal of residual monomers by physical means from polymer solutions, suspensions, dispersions or emulsions without recovery of the polymer therefrom	C08F6/003
Removal of residual monomers by physical means from solid polymers	C08F6/005
Removal of residual monomers by chemical reaction	C08F6/006
Treatment of solid polymer wetted by water or organic solvents	C08F6/008
Neutralisation of the polymerisation mass	C08F6/02
Fractionation	C08F6/04

C08F6/12

Definition statement

This place covers:

Separation of polymers from solutions covers osmosis, precipitation, phase separation.

C08F6/16

Definition statement

This place covers:

Purification of polymer emulsions covers separation of surfactants or emulsifiers from polymers.

C08F6/18

Definition statement

This place covers:

Increasing the size of dispersed particles, e.g. agglomeration.

C08F6/20

Definition statement

This place covers:

Concentration of polymer emulsions, e.g. membrane filtration processes, production of high solids.

C08F6/22

Definition statement

This place covers:

Coagulation of polymer emulsions, e.g. with salts, salt-free, by high shear forces, (e.g. for sewage purification, sewage treatment, waste water purification, waste water treatment).

C08F2500/00

Special rules of classification

Classification guidance

Orthogonal indexing codes within C08F2500/00 are not allocated as single symbol(s) and are only used as subsequent symbol(s) in C-Sets.

C-Sets classification:

In this group, C-Sets classification according to #C8Fe and #C8Fg is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of classification at the following places:

See C-Sets #C8Fe in C08F110/00.
See C-Sets #C8Fg in C08F210/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

2. A. DEFINITIONS (i.e. modified)

C08F

Definition statement

Delete: The following text from the first paragraph of the Definition statement.

triple bonds,

Replace: The fifth paragraph of the Definition statement

"Block polymers.",

with the following paragraph:

Block polymers wherein blocks are linked by reactions involving only carbon-to-carbon unsaturated bonds.

Delete: The following text from the ninth paragraph of the Definition statement.

.; but see "Relationships" section below for overlaps with subclass

Relationships with other classification places

Replace: The subheading, "**Multiple classification**" with the following:

Further relationships with other classification places:

References

Limiting references

Delete: The entire "Limiting references" section.

Informative references

Replace: The current Informative references table with the following new "Informative references" table:

Catalysts in general (other than polymerisation catalysts); Apparatus for chemical or physical processes	B01J
Chemical or physical laboratory apparatus for general use	B01L
Use of polymers as moulding materials or materials for moulds, reinforcements, fillers or preformed parts	B29K
Layered products	B32B
Preparation of hydrocarbons from hydrocarbons containing a smaller number of carbon atoms (i.e, oligomers with 10 or fewer repeat units).	C07C2/00
Preparation of hydrocarbons from hydrocarbons containing the same number of carbon atoms.	C07C5/00
Production of liquid hydrocarbon mixtures from lower carbon number hydrocarbons, e.g. by oligomerisation for lubricating purposes	C10G50/00
Production of polymers using enzymes containing carbon-to carbon unsaturated bonds.	C12P
Graft polymerisation of monomers on to fibres, threads, yarns, fabrics or fibrous goods made from such materials.	D06M14/00

Special rules of classification

Replace: The entire existing “Special rules of classification” section with the following new “Special rules of classification” section:

Classification guidance:

- In this subclass, boron and silicon are considered as metals.
- Last place priority rule: Within this subclass, in the absence of an indication to the contrary in the scheme or definitions, classification is made in the last appropriate place.
- Macromolecular compounds and their preparation are classified in the groups for the type of compound prepared.
- General processes for the preparation of macromolecular compounds according to more than one main group are classified in the groups for the processes employed (C08F2/00 - C08F8/00).

- Processes for the preparation of macromolecular compounds are also classified in the groups for the types of reactions employed, if of interest.
- Subject matter relating only to homopolymers is classified only in groups C08F110/00 - C08F138/00.
- Subject matter relating only to copolymers is classified only in groups C08F210/00 - C08F246/00.
- In the absence of sufficient information from the document, subject matter relating to both homopolymers and copolymers is classified in groups C08F10/00 - C08F38/00.
- For classification purposes, the “majority” monomer in C08F is based on the teaching of the document being classified. For instance, if the document describes the relative amounts of monomers in terms of weight, the majority monomer for classification is based on weight. If the document describes the relative amounts of monomers by chemical units, e.g. moles, the majority monomer for classification is determined based on chemical amount (e.g. mole) as described by the document.
- In groups C08F210/00 - C08F238/00, in the absence of an indication to the contrary, a copolymer is classified as a single symbol according to the major monomeric component and the full copolymer is classified as a Combination Set (C-Set) as explained below. The minority comonomer(s) is/are only classified in a C-set.
- This subclass also covers compositions based on monomers which form macromolecular compounds classifiable in this subclass including those that are also classified in coatings C09D4/00 or adhesives C09J4/00.
- If the monomers are defined, classification is made according to the polymer to be formed in groups C08F10/00 - C08F246/00 if no preformed polymer is present; or in groups C08F251/00 - C08F291/00 if a preformed polymer is present; in group C08F292/00 if inorganic material is present.
- In this subclass, polymer, catalyst and/or process are classified if appropriate. However, care should be taken that only aspects which contribute to the invention are classified.

Allocation of Indexing codes:

- Orthogonal indexing codes C08F2500/01 - C08F2500/26 are not allocated as single symbol(s) and are only used as subsequent symbol(s) in C-Sets.

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 SYMBOL	SUBSEQUENT SYMBOL(S)	C-SETS FORMULA; LOCATION OF C-SETS RULES
#C8Fa	C08F6/00 - C08F6/28	C08L23/00 - C08L57/12 (excluding breakdown indexing codes)	(C08F6/00 - C08F6/28, C08L23/00 - C08L57/12), post polymerisation treatments, and the polymer to be treated; see C08F6/00
#C8Fb1	C08F8/00 - C08F8/50	C08F10/00 - C08F34/04, C08F38/00 - C08F38/04, C08F110/00 - C08F134/04, C08F138/00 - C08F138/04, C08F210/00 - C08F234/04, C08F238/00 - C08F299/08	(C08F8/00 - C08F8/50, C08F), single step chemical modification by after - treatment, and the polymer to be modified; see C08F8/00
#C8Fb2	C08F8/00 - C08F8/50	C08F8/00 - C08F8/50, C08F10/00 - C08F34/04, C08F38/00 - C08F38/04, C08F110/00 -	(C08F8/00 - C08F8/50, C08F8/00 - C08F8/50, ..., C08F), multistep chemical modifications by after-treatment, and the polymer to be modified; see C08F8/00

		C08F134/04, C08F138/00 - C08F138/04, C08F210/00 - C08F234/04, C08F238/00 - C08F299/08	
#C8Fc	C08F10/00 - C08F10/14, C08F12/00 - C08F12/36, C08F14/06, C08F14/18 - C08F14/28, C08F36/00 - C08F36/22, C08F110/00 - C08F110/14, C08F112/00 - C08F112/36, C08F136/00 - C08F136/22, C08F210/00 - C08F210/18 , C08F212/00 - C08F212/36 , C08F236/00 - C08F236/22	C08F2/00 - C08F2/60	(C08F, C08F2/00 - C08F2/60), homo- and/or copolymers and the process used to prepare them; see C08F10/00
#C8Fd	C08F10/00 - C08F10/14, C08F12/00 - C08F12/36, C08F36/00 - C08F36/22, C08F110/00 - C08F110/14, C08F112/00 - C08F112/36, C08F136/00 - C08F136/22, C08F210/00 - C08F210/18,	C08F4/00 - C08F4/82	(C08F, C08F4/00 - C08F4/82, …), homo- and/or copolymers and the catalyst(s) used to prepare them; see C08F10/00

	C08F212/00 - C08F212/36, C08F236/00 - C08F236/22		
#C8Fe	C08F110/02 - C08F110/14	C08F2500/01 - C08F2500/26	(C08F110/02 - C08F110/14, C08F2500/01 - C08F2500/26,...), polyolefin homopolymers and their characteristics or properties; see C08F110/00
#C8Fg	C08F210/02 - C08F210/18 (exclusions apply, see C-Set rules)	C08F210/02 - C08F238/04, (exclusions apply, see C-Set rules), C08F2500/01 - C08F2500/26	(C08F210/02 - C08F210/18, C08F210/02 - C08F238/04,..., C08F2500/01 - C08F2500/26,...), polyolefin copolymers and their characteristics or properties; see C08F210/00
#C8Fh	C08F210/02 - C08F238/04 (exclusions apply, see C-Set rules)	C08F210/02 - C08F238/04 (exclusions apply, see C-Set rules)	(C08F210/02 - C08F238/04 , C08F210/02 - C08F238/04 , ...), synthesis of random copolymers; see C08F210/00
#C8Fi	C08F251/00 - C08F292/00	C08F210/00 - C08F238/04 (exclusions apply, see C-Set rules)	(C08F251/00 - C08F292/00, C08F210/00 - C08F238/04, ...), synthesis of graft copolymers; see C08F251/00

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 polymers 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: In the entry for “Aliphatic radical”, the two words “Means an” with the following word:

An

Replace: In the entry for “Block polymers”, the two occurrences of the word “polymerization” with the following word:

polymerisation

Replace: In the entry for “Graft polymers”, the word “polymerizing” with the following word:

polymerising

Delete: In the entry for “Graft polymers”, the last line in the entry:

Classifiers should bear this distinction in mind.

C08F2/00

Definition statement

Replace: The existing paragraph in the “Definition statement” with the following two new paragraphs:

Polymerisation processes and characteristic features thereof which result in addition polymers (C08F polymers), e.g. polymerisation of polyolefins, poly(meth)acrylates, polystyrenes.

Polymerisation processes in the presence of non-macromolecular organic or inorganic compounding agents.

Relationships with other classification places

Replace**:** The existing two paragraphs in the “Relationship with other classification places” section with the following two new paragraphs:

When a polymerisation process is conducted in the presence of a macromolecular compound, additional classification in C08F251/00 - C08F291/00 is allocated.

When a polymerisation process is conducted in the presence of an inorganic compound such that a monomer is grafted onto the inorganic material, additional classification in C08F292/00 is allocated.

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Replace The existing “Informative references” table with the following new “Informative references” table:

Informative references

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

Crosslinking	C08J3/24
Chemical modification by after-treatment	C08F8/00
Polymerisation processes resulting in condensation polymers; Crosslinking or curing of preformed polymers.	C08G

Special rules of classification

Replace: All of the text in the existing “Special rules of classification” with the following new text.

Classification guidance:

- Although every polymerisation is conducted according to a process and using a catalyst, in C08F2/00 or subgroups, only documents which disclose the polymerisation process as the invention or as a characterizing feature of the invention are classified.

- If a process of polymerisation is specifically used for only one type of polymer, it is classified in C08F2/00 or subgroups only using a Combination set (C-Set) per #C8Fc. For details see the “Combination sets” section of Combination sets at C08F.
- However, if a process is exemplified for polymers not listed as part of #C8Fc, then a classification in C08F2/00 is allocated as a single symbol without using the C-Set format.
- Last place priority rule: In C08F2/00 - C08F2/60, the last place rule is only applied starting from the two dots level.
- In the subgroups C08F2/18 - C08F2/30, it should be precisely distinguished between suspension polymerisation and emulsion polymerisation. If a water-soluble catalyst system is used, the polymerisation is conducted as an emulsion polymerisation (C08F2/22). If the invention lies in the emulsifying agent, the document is classified in the groups C08F2/24 - C08F2/30
- In the subgroups C08F2/46 - C08F2/60, only polymerisation processes involving ethylenically unsaturated monomers are classified, not crosslinking of preformed polymers.

Allocation of indexing codes:

- In C08F2/00 and subgroups, C08F2400/02 is allocated as Additional information (ADD) if the invention relates to control or adjustment of polymerisation parameters.
- In C08F2/38, an additional Indexing Code from C08F2438/00 - C08F2438/03 is allocated as a single symbol if the invention relates to living radical polymerisation such as e.g. Radical polymerisation processes according to the RAFT (Reversible Addition Fragmentation chain Transfer) or ATRP (Atom Transfer Radical Polymerisation) mechanism.

C-Sets classification:

In this group, C-Sets (e.g. #C8Fc) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F10/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F4/00

Definition statement

Replace: The three existing paragraphs in the “Definition statement” with the following new paragraph:

> Polymerisation catalysts and co-catalysts, which are used for the polymerisation of unsaturated monomers wherein the polymerisation process forms addition (C08F) polymers, e.g. a polymerisation catalyst used for the polymerisation of polyolefins, poly(meth)acrylates, polystyrenes.

Relationships with other classification places

Replace: In Paragraph 1: “(C08F 6/00, C08L 23/00) - (C08F 6/00, C08L 57/12)” at the end of the first paragraph with the following new symbol:

> C08F6/00

Replace: Paragraph 3: “Catalysts comprising metals or metal oxides or hydroxides, not provided for in group B01J21/00: B01J23/00” with the following new paragraph:

> Catalysts comprising metals or metal oxides or hydroxides, not provided for in groups: B01J21/00, B01J23/00

Delete: Paragraph 7: “Specific uses of nanostructures: B82Y30/00”.

Delete: The following paragraph: “Nanoparticles: C08J5/005”.

Replace: The following paragraph: Compositions of C08F polymers: C08L9/00 - C08L57/12” with the following new text:

> Compositions comprising C08F polymers: C08L9/00 - C08L57/12

Delete: The following paragraph: “Combinatorial chemistry: C40B10/00-C40B99/00”

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Insert: The following new table rows in the “Informative references” section:

Photopolymerisation with sensitising agents	C08F2/50
Polymerisation catalysts used in polymerisation resulting in condensation polymers	C08G

Special rules of classification

Replace: In the existing “Special rules of classification” section, all of the paragraphs before the first image with the following new paragraphs.

Classification guidance:

If a catalyst is exemplified for polymers not listed as part of #C8Fd, then a classification in C08F4/00 is allocated as a single symbol without using the C-Set format.

Last place priority rule:

In the group C08F4/00, the last place rule is only applied within subgroups having the same number of dots, e.g. when the procatalyst contains Ti, a symbol in C08F4/64 or subgroups is given, except for:

- Metallocene catalysts classified in C08F4/619-C08F4/61927, C08F4/639-C08F4/63927 or C08F4/659 - C08F4/65927. For these subgroups, one symbol is attributed to the invention and all the other components of the catalyst system, e.g. support, activator or kind of metallocene, are classified as Additional information (ADD).
- Catalysts comprising multidentate ligands classified in the subgroups of C08F4/60003 (or in the corresponding subgroups of C08F4/62003, C08F4/64003, C08F4/68008, C08F4/69008 or C08F4/7001).

In groups C08F 4/602 - C08F 4/62, C08F4/622 - C08F4/64 and C08F4/642 - C08F4/68, the following term is used with the meaning indicated: "component" comprises a transition metal or a compound thereof, pretreated or not.

Definitions of groups of chemical elements:

Alkali metals: Li, Na, K, Rb, Cs, Fr

Alkaline earth metals: Ca, Sr, Ba, Ra

Lanthanides: elements with atomic numbers 57 - 71 inclusive

Rare earths: Sc, Y, Lanthanides

Actinides: elements with atomic numbers 89 - 103 inclusive

Refractory metals: Ti, V, Cr, Zr, Nb, Mo, Hf, Ta, W

Halogens: F, Cl, Br, I, At

Noble gases: He, Ne, Ar, Kr, Xe, Rn

Platinum group: Os, Ir, Pt, Ru, Rh, Pd

Noble metals: Ag, Au, Platinum group

Light metals: alkali metals, alkaline earth metals, Be, Al, Mg

Heavy metals: metals other than light metals

Iron group: Fe, Co, Ni

Non-metals: H, C, N, P, O, S, Se, Te, noble gases, halogens

Metals: elements other than non-metals including Boron and Silicon

Transition elements: elements with atomic numbers 21 - 30 inclusive, 39 - 48 inclusive, 57 - 80 inclusive, 89 upwards

The subdivision of the metals into the different subgroups of C08F4/00 can be represented as follows:

Replace: In the existing Special rules of classification section, all of the text that appears after

“C08F4/70: Fe,Co,Ni,Ru,, Rh,Pd,Os,Ir,Pt”

but before

“When prepolymerisation is a special feature of the invention, group C08F4/6092, C08F4/6292 or C08F4/6492 is given, e.g. catalyst

containing an organic hydrocarbon compound containing aliphatic unsaturation;"

with the following new paragraphs:

Although every polymerisation is conducted according to a process and using a catalyst, in C08F4/00 or subgroups, only documents that disclose the polymerisation catalyst as the invention or as an essential feature of the invention are classified.

The subgroups C08F4/72 - C08F4/82 are dedicated to catalysts without organometallic co-catalyst where the procatalyst is a metal, a metal hydride or a metallo-organic compound not provided for in C08F4/44, i.e. Groups 4-10: Ti-Ni; Zr-Pd; Hf-Pt or Si, e.g. Ti(allyl).

Procatalysts having a multidentate ligand are classified in subgroups of C08F4/60003, C08F4/62003, C08F4/64003, C08F4/68008, C08F4/69008, C08F4/7001 according to the structure of their ligand.

Attention is drawn to the use of the following Indexing Codes for further information about the catalyst:

C08F2410/00 - C08F2410/05 are used to further characterise the catalyst, e.g. multinuclear or dual.

C08F2420/00 - C08F2420/06 are only used for catalyst compounds containing Cp or analogue ligand to further characterise their structure.

Insert: (Before the Glossary of Terms section), the following new paragraphs in the existing "Special rules of classification" section:

C-Sets classification:
In this group, C-Sets (e.g. #C8Fd) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08F10/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F6/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” with the following new paragraph:

> The physical modification by post-polymerisation treatment of macromolecular compounds which belong to any among the groups C08F10/00 - C08F34/04, C08F38/00 - C08F38/04, C08F110/00 - C08F134/04, C08F138/00 - C08F138/04, C08F210/00 - C08F234/04 and C08F238/00 - C08F299/08.

Relationships with other classification places

Replace: The existing three paragraphs in the “Relationship with other classification places” with the following two new paragraphs:

> Treatment of rubbers (homo- or copolymers of dienes classified in C08F 36/00, C08F 136/00, C08F 236/00) , are classified in subclass C08C – however synthesis of rubbers and treatment or chemical modification of non-conjugated diene-rubbers covered per se in this subclass (C08F) are classified in this subclass (C08F).
>
> Working-up; general processes of compounding; are classified in C08J.

References

Limiting references

Replace: The existing “Limiting references” table with the following new “Limiting references” table:

Treatment of rubbers, e.g. natural rubber or diene rubbers (homo- or copolymers of dienes classified in C08F 36/00, C08F 136/00, C08F 236/00)	C08C1/00 - C08C19/44
Chemical modification by after-treatment	C08F8/00

Informative references

Replace: The existing “Informative references” table with the following new “Informative references” table:

Processes for making harmful chemical substances harmless or less harmful	A62D3/00
Separation	B01D1/00 - B01D71/82
Reactors for chemical or physical processes	B01J19/00
Shaping or joining of plastics; shaping of substances in a plastic state, in general; after-treatment of the shaped products, e.g. repairing	B29C31/00 - B29C73/34
Macromolecular homopolymers and copolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F10/00 - C08F38/04
Macromolecular homopolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F110/00 - C08F138/04
Macromolecular copolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F210/00 - C08F301/00
Post-polymerisation treatments of addition polymers of aldehydes or cyclic oligomers thereof or of ketones	C08G2/28
Post-polymerisation treatments of polymeric products of isocyanates or isothiocyanates	C08G18/82
Post-polymerisation treatments of macromolecular compounds obtained by reactions forming a carboxylic ester link, e.g. polyesters	C08G63/88 - C08G63/90

Post-polymerisation treatments of macromolecular compounds obtained by reactions forming a carbonic ester link in the main chain of the macromolecule, e.g. polycarbonates	C08G64/40 - C08G64/406
Post-polymerisation treatments of macromolecular compounds obtained by reactions forming an ether link in the main chain of the macromolecule (e.g. polyethers)	C08G65/30, C08G65/46
Post-polymerisation treatments of macromolecular compounds obtained by reactions forming a carboxylic amide link in the main chain of the macromolecule (e.g. polyamides)	C08G69/46
Post-polymerisation treatments of macromolecular compounds obtained by reactions forming a linkage containing silicon with or without sulphur, nitrogen, oxygen or carbon in the main chain of the macromolecule	C08G77/32 - C08G77/36
Post-polymerisation treatments in general processes for preparing compounds provided for in C08G	C08G85/002
Working up; General processes of compounding; After-treatment not covered by subclasses C08B, C08C, C08F, C08G	C08J3/00 - C08J9/42
Crosslinking, e.g. vulcanising, of macromolecules	C08J3/24
Treatment by wave energy or particle radiation	C08J3/28
Recovery or working up of waste materials	C08J11/00, C08J11/28

Compositions (other than coating, adhesive) of macromolecular compounds obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08L23/00 - C08L57/12
Coating compositions, e.g. paints, varnishes, lacquers; filling-pastes; chemical paint or ink removers; inks; correcting fluids; woodstains; pastes or solids for colouring or printing; use of materials therefore	C09D1/00 - C09D201/10
Adhesives; non-mechanical aspects of adhesive processes in general; adhesive processes not provided for elsewhere; use of materials as adhesives	C09J1/00 - C09J201/10
Adaptive control systems	G05B13/00

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs

Combination sets (C-Sets):

C-Sets statement: #C8Fa

- In group C08F6/00 the post polymerisation treatment of polymers is classified in the form of C-Sets according to #C8Fa.
- In #C8Fa, the base symbol, representing the post polymerisation treatment, is taken from the groups C08F6/00 - C08F6/28, whereas the subsequent symbol representing the polymer to be treated is taken from the groups C08L23/00 - C08L57/12.
- In the case of a post-polymerisation treatment of a mixture of polymers, then the base symbol, representing the post polymerisation treatment, is taken from the groups C08F6/00 - C08F6/28, whereas the subsequent symbol representing the polymer in majority to be treated is taken from the groups C08L23/00 - C08L57/12. If the mixture contains two polymers in equal amounts then two separate C-Sets are given based on each polymer.

- In #C8Fa C-Sets are always allocated as Invention information (I).

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 post-polymerisation treatment of polymers as the base symbol and the polymer to be treated as the subsequent symbol.

C-Sets examples:

- #C8Fa: Coagulation of poly-methyl methacrylate is classified as (C08F6/22, C08L33/12).
- #C8Fa: Coagulation of a 65/35 mixture of polyvinylchloride (PVC) and polytetrafluoroethylene (PTFE) is classified as (C08F6/22, C08L27/06).
- #C8Fa: Coagulation of a 50/50 mixture of PVC and PTFE is classified as (C08F6/22, C08L27/06) and (C08F6/22, C08L27/18).
- #C8Fa: Separating polyvinyl alcohol from a solution by precipitation with addition of salts is classified as (C08F6/12, C08L29/04).
- #C8Fa: Removing catalyst/metal residues from polyethylene homopolymer is classified as (C08F6/02, C08L23/06).
- #C8Fa: Treatment of a polymer based on acrylic acid and salts thereof with water to form a hydrogel is classified as (C08F6/008, C08L33/02).
- #C8Fa: Removing residual monomer from molten or solid polypropylene homopolymer is classified as (C08F6/005, C08L23/12).
- #C8Fa: Purification of polytetrafluoroethylene, e.g. separation of fluorinated emulsifiers after polymerisation in the production process of polytetrafluoroethylene is classified as (C08F6/16, C08L27/18).

C-Sets searches:

- C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F8/00

Relationships with other classification places

Insert: The following new "Relationships with other classification places" section:

Relationships with other classification places

Chemical modification of rubbers (homo- or copolymers of dienes classified in C08F 36/00, C08F 136/00, C08F 236/00) are classified in subclass C08C; however, synthesis of rubbers and treatment or chemical modification of non-conjugated diene-rubbers covered per se in this subclass (C08F) are classified in this subclass (C08F).

References

Limiting references

Replace: The existing "Limiting references" table with the following new "Limiting references" table:

Graft polymers, block polymers or cross-linking reactions with unsaturated monomers or polymers	C08F251/00 - C08F299/08
Chemical modification of diene rubbers, e.g. natural rubber or diene rubbers (homo- or copolymers of dienes classified in C08F 36/00, C08F 136/00, C08F 236/00)	C08C

Informative references

Replace: The existing "Informative references" table with the following new Informative references" table:

Use of compositions of macromolecular compounds or of compositions of derivatives of said macromolecular compounds in pesticides or herbicides	A01N25/10

Use of compositions of macromolecular compounds or of compositions of derivatives of said macromolecular compounds in pharmaceuticals or cosmetics	A61K8/81, A61K8/90, A61K8/91
Use of compositions of macromolecular compounds or of compositions of derivatives of said macromolecular compounds in explosives	C06B
Crosslinking in general	C08J
Cross-linking, e.g. vulcanising, of macromolecules when specific crosslinking aspects not classifiable in C08G, C08F or C08K are involved	C08J3/24 - C08J3/26
Treatment by wave energy or particle radiation	C08J3/28
Chemical treatment or coating of shaped articles made of macromolecular substances	C08J7/00 - C08J7/18
Recovery or working-up of waste material made of polymers by chemically breaking down the molecular chains of polymers or breaking of crosslinks, e.g. devulcanisation	C08J11/10 - C08J11/28
Use of inorganic or non-macromolecular organic substances as compounding ingredients	C08K
Compositions of macromolecular compounds obtained by reactions involving only carbon-to-carbon unsaturated bonds or compositions of derivatives of said macromolecular compounds	C08L23/00 - C08L57/12
Compositions of unspecified macromolecular compounds or compositions of derivatives of said	C08L101/00 - C08L101/16

unspecified macromolecular compounds	
Polymeric dyes; reaction products of dyes with monomers or with macromolecular compounds	C09B69/10
Coating compositions based on organic macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds and coating compositions based on derivatives of said macromolecular compounds	C09D123/00 - C09D157/12
Coating compositions based on unspecified macromolecular compounds and coating compositions based on derivatives of said unspecified macromolecular compounds	C09D201/00 - C09D201/10
Chemical modification of drying oils	C09F7/00 - C09F7/10
Adhesives based on organic macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds and adhesives based on derivatives of said macromolecular compounds	C09J123/00 - C09J157/12
Adhesives based on unspecified macromolecular compounds and adhesives based on derivatives of said unspecified macromolecular compounds	C09J201/00 - C09J201/10
Use of compositions of macromolecular compounds or of derivatives of said macromolecular compounds in materials for miscellaneous applications not provided for elsewhere	C09K

Use of compositions of macromolecular compounds or of compositions of derivatives of said macromolecular compounds in lubricants	C10M
Use of compositions of macromolecular compounds or of compositions of derivatives of said macromolecular compounds in detergents	C11D
Use of compositions of macromolecular compounds or of compositions of derivatives of said macromolecular compounds in artificial filaments or fibres	D01F
Use of compositions of macromolecular compounds or of compositions of derivatives of said macromolecular compounds in textile treating compositions	D06
Other features in dyeing solid macromolecular substances in any form	D06P5/00 - D06P5/30

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs

Classification guidance

- One or more single C08F8/00 symbols are allocated when a C08F polymer is modified.
- When there are exemplified modifications of specific C08F polymers and the modifications are covered by C08F8/00 - C08F8/50, a C-Sets classification is given to indicate the kind of chemical modification and the nature of the polymer involved. For the detail of C-Sets rules, see C-Sets classification in C08F.

- When there is no exemplified modification of any specific C08F polymer in a document, and the polymers potentially concerned by the modification(s) cannot be described by one single C08F polymer symbol, only one or more single C08F8/00 symbols describing the modification(s) taught in the document should be allocated, i.e. there is no Combination set allocated in this case. For example, C08F8/32 is given when the document discloses the reaction with an amine compound for various types of C08F polymers, e.g., polyacrylates, graft or block copolymers or polyolefines, but does not exemplify any particular polymer being modified in an example.
- When a chemical modification of a C08F polymer (as defined above under the definition statement) does not correspond to any among the specific chemical modifications defined in the subdivisions C08F8/02 - C08F8/50, then the main group C08F8/00 should be utilized for the purpose of the C-Set classification or for the purpose of allocating a single symbol.

Allocation of Indexing Codes

- The Indexing Code C08F2800/10 should be given in order to indicate that the proportions of the comonomers in a copolymer to be modified are expressed as molar percentage.
- The Indexing Code C08F2800/20 should be given in order to indicate that the proportions of the comonomers in a copolymer to be modified are expressed as weight or mass percentages.
- The Indexing Code C08F2810/10 should be given in order to indicate that the chemical modification of a polymer includes a reactive processing step (i.e. high shear forces are applied to a polymer, e.g. in an extruder or a similar processing apparatus) which leads, inter alia, to morphological and/or rheological modifications thereof (e.g. a visbreaking).
- The Indexing Code C08F2810/20 should be given in order to indicate that the chemical modification of a polymer leads to a crosslinking thereof, either explicitly or inherently.
- The Indexing Code C08F2810/30 should be given in order to indicate that the chemical modification of a polymer leads to the formation or introduction of aliphatic or alicyclic unsaturated groups therein.

- The Indexing Code C08F2810/40 should be given in order to indicate that the chemical modification of a polymer takes place solely at one end or both ends of the polymeric backbone, i.e. not in the side or lateral chains thereof.
- The Indexing Code C08F2810/50 should be given in order to indicate that the chemical modification of a copolymer takes place only on one or more of the monomers present in minority.

Combination sets (C-Sets):
C-Sets statement : #C8Fb1 and #C8Fb2

- In group C08F8/00, the chemical modification by after-treatment of polymers and the polymer to be modified is classified in the form of C-Sets.
- #C8Fb1 represents a single-step chemical modification whereas #C8Fb2 represents a multistep chemical modification.
- In #C8Fb1, the base symbol, representing the chemical modification step, is taken from the groups C08F8/00 - C08F8/50, whereas the subsequent symbol representing the modified polymer is taken from the groups C08F10/00 - C08F34/04, C08F38/00 - C08F38/04, C08F110/00 - C08F134/04, C08F138/00 - C08F138/04, C08F210/00 - C08F234/04 and C08F238/00 - C08F299/08.
- In #C8Fb2, the base symbol, representing the last chemical modification step, is taken from the groups C08F8/00 - C08F8/50, whereas the subsequent symbol(s) starting with the symbol(s) representing the previous modification step(s) in descending order is (are) taken from the groups C08F8/00 - C08F8/50 and ending with the last symbol representing the polymer to be modified which is taken from the groups C08F10/00 - C08F34/04, C08F38/00 - C08F38/04, C08F110/00 - C08F134/04, C08F138/00 - C08F138/04, C08F210/00 - C08F234/04 and C08F238/00 - C08F299/08.
- In addition to the C-Set, all C08F8/00 and its subgroups in the C-Set, representing the chemical modification step(s), are also allocated as single symbols.
- In #C8Fb1 and C8Fb2, C-Sets are always allocated as Invention information (I).

C-Sets syntax rules:

- Each C-Set shall contain at least two symbols.
- Duplicate symbols are allowed in these C-Sets for the C08F8/00 and its subgroups symbol(s) only.

- The order of symbols in these C-Sets is relevant as it reflects the chemical modification step(s) and the polymer to be modified; in #C8Fb2 the chronological sequence for multistep modifications is read from right to left in the C-Set.

C-Sets examples:

- #C8Fb1: 95% hydrolysis of polyvinyl acetate homopolymer is classified as (C08F8/12, C08F118/08).
- #C8Fb2: Sulfonation then complete hydrolysis of polyvinyl acetate-polystyrene copolymer (vinyl acetate in majority) is classified as (C08F8/12, C08F8/36, C08F218/08).
- #C8Fb2: Sulfonation then complete hydrolysis of polyvinyl acetate-polystyrene copolymer (styrene in majority) is classified as (C08F8/12, C08F8/36, C08F212/08).
- #C8Fb1: Partial depolymerisation of a polyolefin (e.g. claimed), but without disclosure of any example illustrating said depolymerisation is classified as (C08F8/50, C08F10/00).
- #C8Fb1:
  Example 1: a homopolymer of vinyl acetate is hydrolyzed; this is classified as (C08F8/12, C08F118/08).
  Example 2: a copolymer comprising a majority of repeating units derived from vinyl acetate is hydrolyzed; this is classified as (C08F8/12, C08F218/08).
  In a situation where a document includes Example 1 and Example 2, the two C-Sets mentioned above are given.
- #C8Fb1: a fully hydrolyzed polyvinylamine homopolymer wherein the amine function is quaternized in order to prepare an ammonium salt derivative thereof is classified as (C08F8/44, C08F126/02).
- #C8Fb1: a polyvinylamine (with no details provided as to the hydrolysis degree of its polyvinylformamide precursor such that the polyvinylamine may be a fully hydrolyzed homopolymer or a partially hydrolyzed copolymer) wherein the amine function is quaternized in order to prepare an ammonium salt derivative thereof is classified as (C08F8/44, C08F26/02).
- #C8Fb2: a polyisobutylene homopolymer with vinylidene end groups which has been modified in a first step with maleic anhydride through an "Alder-ene" reaction, then hydrolyzed in a second step and finally amidated with an amine compound is classified as (C08F8/32, C08F8/12, C08F8/46, C08F110/10).
- #C8Fb2: the (partial or complete) hydrolysis of a polyvinyl acetate homopolymer in a first step, followed by the subsequent condensation with butyraldehyde followed by a cyclisation

leading to a polymer containing vinyl butyral repeating units is classified in (C08F8/48, C08F8/28, C08F8/12, C08F118/08).

- #C8Fb2: A sulfur-containing group is introduced into a polyethylene homopolymer followed by the introduction of a silicon containing group therein and a partial depolymerisation step; is classified in (C08F8/50, C08F8/42, C08F8/34, C08F110/02).
- #C8Fb2: A sulfur-containing group should be introduced into a polyolefin followed by the introduction of a silicon containing group therein and a partial depolymerisation step should finally be performed (e.g. claimed); with no disclosure of any example wherein this sequence of modifications has been effectively applied to a particular polyolefin, classification is in (C08F8/50, C08F8/42, C08F8/34, C08F10/00).

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F8/02

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

The alkyl group which is transferred may contain one or more non-alkyl hydrocarbon substituents such as an aromatic ring.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F8/30

References

Limiting references

Delete: The entire “Limiting references” section.

Insert: A new “Informative references” section.

Informative references

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

Polymeric products of isocyanates or thiocyanates	C08G18/00

Insert: A new “Special rules of classification” section.

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F8/32

References

Limiting references

Delete: The entire “Limiting references” section.

Insert: A new “Special rules of classification” section.

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F8/42

Definition statement

Insert: The following sentence as the second paragraph in the Definition statement:

In C08F, boron and silicon are considered as metals.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F8/46

References

Limiting references

Delete: The entire “Limiting references” section.

Insert: A new “Informative references” section.

Informative references

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

Macromolecular compounds obtained by polymerising unsaturated dicarboxylic acids or anhydrides thereof on to macromolecular compounds according to any among the groups C08F251/00 - C08F291/18, e.g. by free radical reaction	C08F251/00 - C08F291/18

Insert: A new “Special rules of classification” section.

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F8/48

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

Classification guidance

- When the cyclisation leads to the formation of an epoxide ring, classification is only allocated in C08F8/08.
- When the cyclisation leads to the formation of a lactone ring, classification is only allocated in C08F8/16.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F10/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraph:

> Polyolefins when both polyolefin homopolymers and polyolefin copolymers having a majority of olefin monomer units are exemplified, e.g. ethylene (co)polymers, propylene (co)polymers, butene (co)polymers.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F110/00.
- If a document exemplifies only copolymers, it is classified in C08F210/00.
- Compositions comprising a polymer of C08F10/00 are classified in C08L23/00.
- Coating compositions comprising a polymer of C08F10/00 are classified in C09D123/00.
- Adhesive compositions comprising a polymer of C08F10/00 are classified in C09J123/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of olefin monomers as defined in group C08F10/00 are classified in C08F255/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Insert: A new “Informative references” section.

Informative references

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

Films containing a polymer classified in C08F10/00 or subgroups	C08J5/18
Fibres containing a polymer classified in C08F10/00 or subgroups	D01F

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

Classification guidance

- Attention is also drawn to the definitions of C08F2/00 and C08F4/00.
- If classification is made for a use, e.g. fibre or film, the polymer as such should be indexed with the corresponding Indexing Codes in C08F.

Combination sets (C-Sets):

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fc and #C8Fd) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fc and #C8Fd in this group below.

C-Sets statement : #C8Fc

- In #C8Fc, the base symbol, representing the polymer, is taken from the following groups:
  C08F10/00 - C08F10/14; C08F12/00 - C08F12/36; C08F14/06; C08F14/18 - C08F14/28; C08F36/00 - C08F36/22; C08F110/00 - C08F110/14; C08F112/00 - C08F112/36; C08F136/00 - C08F136/22; C08F210/00 - C08F210/18; C08F212/00 - C08F212/36; C08F236/00 - C08F236/22. The subsequent symbol representing the polymerisation process feature is taken from the groups C08F2/00 - C08F2/60.

- When a process feature is disclosed for the synthesis of both homo- and copolymers, the base symbol is taken from the groups C08F10/00 - C08F10/14, C08F12/00 - C08F12/36, C08F14/06, C08F14/18 - C08F14/28, or C08F36/00 - C08F36/22, on the basis of the majority monomer.
- When a process feature is disclosed for the synthesis of homo-polymers only, the base symbol is taken from the groups C08F110/00 - C08F110/14, C08F112/00 - C08F112/36, or C08F136/00 - C08F136/02.
- When a process feature is disclosed for the synthesis of copolymers only, the base symbol is taken from the groups C08F210/00 - C08F210/18, C08F212/00 - C08F212/36, or C08F236/00 - C08F236/22, on the basis of the monomer in majority in the copolymer. If the copolymer contains two monomers in equal amounts then two separate C-Sets are given based on each monomer.
- When several process features are disclosed for the synthesis of a (co)polymer, one C-Set for each process feature is given.
- When there are examples to more than one kind of (co)polymer, within the same main group symbol with the same process feature, only one C-Set is provided using as the base symbol, the furthest indented symbol that covers all of the (co)polymers, e.g. if the same process feature is exemplified for polypropylene homopolymer, polybutene homopolymer, and propylene-butene copolymer, then C08F10/04 would be utilized as the base symbol of the C-Set.
- In #C8Fc C-Sets are always allocated as Invention information (I).

C-Sets syntax rules:

- Each C-Set shall contain exactly two symbols.
- Duplicate symbols are not allowed in these C-Sets.
- The order of symbols in these C-Sets is relevant as it reflects the homo- and/or copolymer as the base symbol, followed by the polymerisation process used to prepare that polymer as the subsequent symbol.

C-Sets examples:

- #C8Fc: Gas phase process using chain-transfer agent for the (co)polymerisation of ethylene is classified as (C08F10/02, C08F2/38) (for the “chain transfer agent” feature) and (C08F10/02, C08F2/34) (for the “gas phase” aspect).

- #C8Fc: Multistep process for the homopolymerisation of ethylene is classified as (C08F110/02, C08F2/001).
- #C8Fc: Multistep process for the copolymerisation of ethylene in majority with an alpha-alkene is classified as (C08F210/16, C08F2/001).
- #C8Fc: Multistep process for the (co)polymerisation of propylene and/or butene is classified as (C08F10/04, C08F2/001).
- #C8Fc: Process of preparation of ethylene-vinyl acetate copolymers (ethylene in majority) in aqueous medium in the presence of a polymeric surfactant is classified as (C08F210/02, C08F2/20), if chain-transfer agent is also used (C08F210/02, C08F2/38) is also given.
- #C8Fc: Process using chain-transfer agent for the polymerisation of styrenic-type monomers is classified as (C08F12/08, C08F2/38).
- #C8Fc: Multistep process for the homopolymerisation of styrene is classified as (C08F112/08, C08F2/001).
- #C8Fc: Process of preparation of styrene-butyl acrylate copolymers (styrene in majority) in aqueous medium in the presence of a polymeric surfactant is classified as (C08F212/08, C08F2/20), if chain-transfer agent is also used (C08F212/08, C08F2/38) is also given.
- #C8Fc: Process using chain-transfer agent for the (co)polymerisation of vinylidene fluoride monomer is classified as (C08F14/22, C08F2/38).
- #C8Fc: Process for the emulsion (co)polymerisation of vinyl chloride is classified as (C08F14/06, C08F2/22).
- #C8Fc: Process using chain-transfer agent for the (co)polymerisation of butadiene is classified as (C08F36/06, C08F2/38).
- #C8Fc: Process for the homopolymerisation of isoprene in suspension is classified as (C08F136/08, C08F2/18).
- #C8Fc: Process of preparation of butadiene-styrene copolymers (butadiene in majority) in aqueous medium in the presence of a polymeric surfactant is classified as (C08F236/06, C08F2/20), if chain-transfer agent is also used (C08F236/06, C08F2/38) is also given.

C-Sets statement: #C8Fd

- In #C8Fd, the base symbol, representing the polymer, is taken from the following groups: C08F10/00 - C08F10/14; C08F12/00 - C08F12/36; C08F36/00 - C08F36/22; C08F110/00 - C08F110/14; C08F112/00 - C08F112/36; C08F136/00 - C08F136/22; C08F210/00 - C08F210/18; C08F212/00 - C08F212/36; C08F236/00 - C08F236/22. The subsequent symbol representing the polymerisation catalyst(s) is (are) taken from the groups C08F4/00 - C08F4/82.
- A C-Set is given for each exemplified catalyst or catalyst mixture.
- When there are examples to more than one kind of (co)polymer within the same main group symbol with the same catalyst, only one C-Set is provided using the furthest indented symbol that covers all of the (co)polymers, e.g. if the same catalyst is exemplified for polypropylene homopolymer (C08F110/06), and polyethylene homopolymer (C08F110/02), then C08F110/00 would be utilized as the base symbol of the C-Set.
- When a catalyst is used for the synthesis of both homo- and copolymers, the base symbol is taken from the groups C08F10/00 - C08F10/14, C08F12/00 - C08F12/36, or C08F36/00 - C08F36/22 on the basis of the majority monomer.
- When a catalyst is used for the synthesis of homo-polymers only, the base symbol is taken from the groups C08F110/00 - C08F110/14, C08F112/00 - C08F112/36, or C08F136/00 - C08F136/22.
- When a catalyst is used for the synthesis of copolymers only, the base symbol is taken from the groups C08F210/00 - C08F210/14, C08F212/00 - C08F212/36, or C08F236/00 - C08F236/22 on the basis of the monomer in majority in the copolymer. If the copolymer contains two monomers in equal amounts then two separate C-Sets are given based on each monomer.
- When a mixture of catalysts is used for the synthesis of a (co)polymer, one C-Set is given with subsequent symbols for each of the catalysts.
- In the case of a mixture of catalysts comprising a catalyst which contains a transition metal-carbon bond of groups or subgroups C08F4/60, C08F4/62 or C08F4/64, another C-Set is also given wherein the subsequent symbol is respectively taken from C08F4/61904, C08F4/63904 or C08F4/65904.

- In #C8Fd C-sets are always allocated as Invention information (I).

C-Sets syntax rules:

- Each C-Set shall contain at least two symbols.
- Duplicate symbols are allowed in these C-Sets as subsequent symbols.
- The order of symbols in these C-Sets is relevant as it reflects the homo- and or copolymer as the base symbol and the polymerisation catalyst(s) used to prepare that polymer as the subsequent symbol(s).

C-Sets examples:

- #C8Fd: Process using n-butyl lithium for the homopolymerisation of ethylene is classified as (C08F110/02, C08F4/48).
- #C8Fd: Process using Me_2Si(Cyclopentadienyl)(Fluorenyl)$ZrCl_2$ together with $AlEt_3$ for the homopolymerisation of propylene is classified as (C08F110/06, C08F4/65927).
- #C8Fd: Process using 2,6-bis[1-(2,6-diisopropyl-phenylimino)ethyl]pyridine iron (II) chloride together with methylaluminoxane for the copolymerisation of ethylene with octene is classified as (C08F210/16, C08F4/7042).
- #C8Fd: Process using Me_2Si(Cyclopentadienyl)(Fluorenyl)$ZrCl_2$ and Cp_2TiCl_2 together with $AlEt_3$ for the homopolymerisation of propylene is classified as (C08F110/06, C08F4/65927, C08F4/65925) and as (C08F110/06, C08F4/65904).
- #C8Fd: Process using a mixture of peroxy compounds for the homopolymerisation of styrene is classified as (C08F112/08, C08F4/38).
- #C8Fd: Process using an azo compound for the homopolymerisation of styrene is classified as (C08F112/08, C08F4/04).
- #C8Fd: Process of preparation of divinyl benzene/methyl methacrylate copolymers (divinyl benzene in majority) using metallic lithium as initiator (C08F212/36, C08F4/482).
- #C8Fd: Process using n-Butyl Lithium for the copolymerisation of isoprene (in majority) with butadiene into copolymers is classified as (C08F236/08, C08F4/48).
- #C8Fd: Process using neodymium versatate together with $AlEt_3$ for the homopolymerisation of butadiene is classified as (C08F136/06, C08F4/545).

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

Searches for documents prior to or after Jan. 2020 using C-Sets rule #C8Fd:

- Before Jan. 2020, each C-Set in #C8Fd was limited to exactly two symbols such that a process using a mixture of catalysts was allocated a separate C-Set for each catalyst. For example, a process using Me_2Si(Cyclopentadienyl)(Fluorenyl)$ZrCl_2$ and Cp_2TiCl_2 together with $AlEt_3$ for the homopolymerisation of propylene was classified as (C08F110/06, C08F4/65927), (C08F110/06, C08F4/65925) and (C08F110/06, C08F4/65904).
- After January 2020, each C-Set in C08Fd may contain more than one catalysts. For example, a process using Me_2Si(Cyclopentadienyl)(Fluorenyl)$ZrCl_2$ and Cp_2TiCl_2 together with $AlEt_3$ for the homopolymerisation of propylene is classified as (C08F110/06, C08F4/65927, C08F4/65925) and as (C08F110/06, C08F4/65904).

C08F12/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraph:

> Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals, each radical having only one carbon-to-carbon double bond, and at least one being terminated by an aromatic carbocyclic ring, e.g. 1-propenylbenzene, alpha-methyl-styrene, vinyl naphthalene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F112/00.
- If a document exemplifies only copolymers, it is classified in C08F212/00.

- Compositions comprising a polymer of C08F12/00 are classified in C08L25/00.
- Coating compositions comprising a polymer of C08F12/00 are classified in C09D125/00.
- Adhesive compositions comprising a polymer of C08F12/00 are classified in C09J125/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of aromatic monomers as defined in group C08F12/00 are classified in C08F257/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Replace: The entire table in the “Informative references” section with the following new table:

Chemical modification by after-treatment of polymers of C08F12/00	C08F8/00
Graft copolymers that are obtained by grafting vinyl aromatic monomers on to polymers of conjugated dienes	C08F279/04 - C08F279/06
Macromolecular compounds obtained by polymerising monomers on to polymers modified by introduction of aliphatic unsaturated end or side groups	C08F290/044, C08F290/124
Block copolymers	C08F293/00 - C08F297/086
Making expandable particles comprising polymers of C08F12/00	C08J9/16
Post-polymerisation treatments of polymers of C08F12/00	C08F6/00
Layered products essentially comprising synthetic resin	B32B27/08, B32B27/30

Treatment or chemical modification of rubbers (e.g. SBR rubber)	C08C
Working-up of macromolecular substances to porous or cellular articles or materials comprising polymers of C08F12/00; After-treatment thereof	C08J9/0061
Compositions of copolymers of conjugated diene hydrocarbons with styrene, e.g. SBR rubber	C08L9/06 - C08L9/08
Compositions of copolymers of ethylene with aromatic monomers	C08L23/0838
Compositions of copolymers of allyl alcohol with vinyl-aromatic monomers	C08L29/08
Grafted styrene block copolymer based compositions, e.g. grafted SBS, grafted SEBS or grafted SEPS	C08L51/006
Compositions of graft copolymers with graft base being a rubber, e.g. high impact polystyrene type based compositions (HIPS)	C08L51/04
Styrene block copolymer based compositions, e.g. SBS, SEBS or SEPS	C08L53/00 - C08L53/025
ABS (acrylonitrile butadiene styrene) based compositions	C08L55/02
Artificial filaments or fibres comprising aromatic vinyl resins	D01F6/22, D01F6/42, D01F6/56
Insulators consisting of aromatic vinyl resins	H01B3/442

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fc and #C8Fd) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fc and #C8Fd in C08F10/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F14/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a halogen, e.g. vinyl chloride, vinylidene chloride, 1,2- dichloroethene, vinyl fluoride, vinylidene fluoride, trifluorochloroethene, tetrafluoroethene or hexafluoropropene.

Insert: A new "Relationships with other classification places" section:

Relationships with other classification places

- If a document exemplifies only homopolymers, it is classified in C08F114/00.
- If a document exemplifies only copolymers, it is classified in C08F214/00.
- Compositions comprising a polymer of C08F14/00 are classified in C08L27/00.
- Coating compositions comprising a polymer of C08F14/00 are classified in C09D127/00.
- Adhesive compositions comprising a polymer of C08F14/00 are classified in C09J127/00.

- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F14/00 are classified in C08F259/00 (graft copolymers).

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fc) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fc in C08F10/00 (#C8Fc is only applicable to groups C08F14/06 and C08F14/18-C08F14/28).

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F16/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an alcohol, ether, aldehydo, ketonic, acetal or ketal radical, e.g. poly(vinyl alcohol).

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F116/00.

- If a document exemplifies only copolymers, it is classified in C08F216/00.
- Compositions comprising a polymer of C08F16/00 are classified in C08L29/00.
- Coating compositions comprising a polymer of C08F16/00 are classified in C09D129/00.
- Adhesive compositions comprising a polymer of C08F16/00 are classified in C09J129/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F16/00 are classified in C08F261/00 (graft copolymers).
- If the polymerisation process is of interest, then a single symbol may be allocated in C08F2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F4/00 or subgroups.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F18/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

> Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an acyloxy radical of a saturated carboxylic acid, of carbonic acid or of a haloformic acid, e.g. vinyl acetate.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F118/00.
- If a document exemplifies only copolymers, it is classified in C08F218/00.
- Compositions comprising a polymer of C08F18/00 are classified in C08L31/00.
- Coating compositions comprising a polymer of C08F18/00 are classified in C09D131/00.
- Adhesive compositions comprising a polymer of C08F18/00 are classified in C09J131/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F18/00 are classified in C08F263/00 (graft copolymers).
- If the polymerisation process is of interest, then a single symbol may be allocated in C08F2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F4/00 or subgroups.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F20/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide or nitrile thereof, e.g. methyl methacrylate, acrylonitrile, acrylamide.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F120/00.
- If a document exemplifies only copolymers, it is classified in C08F220/00.
- Compositions comprising a polymer of C08F20/00 are classified in C08L33/00.
- Coating compositions comprising a polymer of C08F20/00 are classified in C09D133/00.
- Adhesive compositions comprising a polymer of C08F20/00 are classified in C09J133/00.

- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F20/00 are classified in C08F265/00 (graft copolymers).
- If the polymerisation process is of interest, then a single symbol may be allocated in C08F2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F4/00 or subgroups.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F22/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals each having only one carbon-to-carbon double bond, and at least one being terminated by a carboxyl radical and containing at least one other carboxyl radical in the molecule; Salts, anhydrides, esters, amides, imides or nitriles thereof, e.g. di- or polyacrylates, di- or polyacrylamide, cyanoacrylate.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F122/00.
- If a document exemplifies only copolymers, it is classified in C08F222/00.
- Compositions comprising a polymer of C08F22/00 are classified in C08L35/00.
- Coating compositions comprising a polymer of C08F22/00 are classified in C09D135/00.
- Adhesive compositions comprising a polymer of C08F22/00 are classified in C09J135/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F22/00 are classified in C08F267/00 (graft copolymers).
- If the polymerisation process is of interest, then a single symbol may be allocated in C08F2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F4/00 or subgroups.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F24/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a heterocyclic ring containing oxygen, e.g. methylene lactones.

Relationships with other classification places

Replace: The existing paragraphs in the "Relationships with other classification places" section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F124/00.
- If a document exemplifies only copolymers, it is classified in C08F224/00.
- Compositions comprising a polymer of C08F24/00 are classified in C08L37/00.
- Coating compositions comprising polymers of C08F24/00 are classified in C09D137/00.
- Adhesive compositions comprising polymers of C08F24/00 are classified in C09J137/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F24/00 are classified in C08F269/00 (graft copolymers).
- Esters containing epoxy radicals in addition to the carboxy oxygen are classified in C08F20/32, e.g. glycidyl methacrylate.
- If the polymerisation process is of interest, then a single symbol may be allocated in C08F2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F4/00 or subgroups.

References

Limiting references

Insert: In the second row in the “Limiting references” table the following reference, C08F22/00, so that the table row appears as:

Cyclic anhydrides of unsaturated acids	C08F20/00, C08F22/00

Delete: The last row in the “Limiting references” table:

Copolymers of compounds having a minor part of one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a heterocyclic ring containing oxygen	C08F224/00

Special rules of classification

Insert: A new “Special rules of classification” section:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F26/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a single or double bond to nitrogen or by a heterocyclic ring containing nitrogen, e.g. diallylamine, N-vinyl-pyrrolidine or N-vinyl-pyrrolidone.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F126/00.
- If a document exemplifies only copolymers, it is classified in C08F226/00.
- Compositions comprising a polymer of C08F26/00 are classified in C08L39/00.
- Coating compositions comprising a polymer of C08F26/00 are classified in C09D139/00.
- Adhesive compositions comprising a polymer of C08F26/00 are classified in C09J139/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F26/00 are classified in C08F271/00 (graft copolymers).
- Esters containing a heterocyclic ring containing nitrogen are classified in C08F20/34, e.g. pyridino methacrylate or C08F20/36, e.g. 2-N-morpholinoethyl methacrylate.
- If the polymerisation process is of interest, then a single symbol may be allocated in C08F2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F4/00 or subgroups.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F28/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a bond to sulfur or by a heterocyclic ring containing sulfur, e.g. ethyl vinyl sulfide, 2-vinylthiophene.

Relationships with other classification places

Replace: The existing paragraphs in the "Relationships with other classification places" section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F128/00.
- If a document exemplifies only copolymers, it is classified in C08F228/00.
- Compositions comprising a polymer of C08F28/00 are classified in C08L41/00.
- Coating compositions comprising a polymer of C08F28/00 are classified in C09D141/00.
- Adhesive compositions comprising a polymer of C08F28/00 are classified in C09J141/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F28/00 are classified in C08F273/00 (graft copolymers).
- Esters containing sulfur are classified in C08F20/38, e.g. 2-sulfoethyl methacrylate.
- If the polymerisation process is of interest, then a single symbol may be allocated in C08F2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F4/00 or subgroups.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F30/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing phosphorus, selenium, tellurium or a metal, e.g. 2-phosphoethyl methacrylate, vinyl triethoxysilane.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F130/00.
- If a document exemplifies only copolymers, it is classified in C08F230/00.

- Compositions comprising a polymer of C08F30/00 are classified in C08L43/00.
- Coating compositions comprising a polymer of C08F30/00 are classified in C09D143/00.
- Adhesive compositions comprising a polymer of C08F30/00 are classified in C09J143/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F30/00 are classified in C08F275/00 (graft copolymers).
- If the polymerisation process is of interest, then a single symbol may be allocated in C08F2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F4/00 or subgroups.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F32/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from cyclic compounds having no unsaturated aliphatic

radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system, e.g. norbornene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F132/00.
- If a document exemplifies only copolymers, it is classified in C08F232/00.
- Compositions comprising a polymer of C08F32/00 are classified in C08L45/00.
- Coating compositions comprising a polymer of C08F32/00 are classified in C09D145/00.
- Adhesive compositions comprising a polymer of C08F32/00 are classified in C09J145/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F32/00 are classified in C08F277/00 (graft copolymers).
- Ethylidene norbornene (co)polymer is classified in C08F36/20.
- If the polymerisation process is of interest, then a single symbol may be allocated in C08F2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F4/00 or subgroups.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F34/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from cyclic compounds having no unsaturated aliphatic radicals in a side chain and having one or more carbon-to-carbon double bonds in a heterocyclic ring , e.g. 1,3-dihydropyran.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F134/00.
- If a document exemplifies only copolymers, it is classified in C08F234/00.
- Compositions comprising a polymer of C08F34/00 are classified in C08L45/00.
- Coating compositions comprising a polymer of C08F34/00 are classified in C09D145/00.
- Adhesive compositions comprising a polymer of C08F34/00 are classified in C09J145/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F34/00 are classified in C08F277/00 (graft copolymers).

- If the polymerisation process is of interest, then a single symbol may be allocated in C08F2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F4/00 or subgroups.

References

Limiting references

Delete: The following third table row in the “Limiting references” section:

Homopolymers and copolymers of minor parts of cyclic compounds having no unsaturated aliphatic radicals in a side chain and having one or more carbon-to-carbon double bonds in a heterocyclic ring	C08F234/00 - C08F234/04

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F36/00

Definition statement

Insert: A new “Definition statement” section:

Definition statement

This place covers:

Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds, e.g. butadiene, isoprene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies only homopolymers, it is classified in C08F136/00.
- If a document exemplifies only copolymers, it is classified in C08F236/00.
- Compositions comprising a homo- or copolymer of conjugated diene hydrocarbons and derivatives of these polymers are classified in C08L9/00 - C08L21/02.
- Compositions comprising a natural rubber are classified in C08L7/00.
- Compositions comprising an unconjugated diene polymer are classified in C08L47/00.
- Coating compositions comprising a homopolymer or copolymer of conjugated diene hydrocarbons and their derivatives are classified in C09D109/00 – C09D121/02.
- Coating compositions comprising a natural rubber are classified in C09D107/00.
- Coating compositions comprising an unconjugated diene polymer are classified in C09D147/00.
- Adhesive compositions comprising a polymer of conjugated diene hydrocarbons and their derivatives are classified in C09J109/00 – C09D121/02.
- Adhesive compositions comprising a natural rubber are classified in C09J107/00.
- Adhesive compositions comprising an unconjugated diene polymer are classified in C09J147/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers as defined in group C08F36/00 are classified in C08F279/00 (graft copolymers).

References

Limiting reference

Replace: The table in the “Limiting references” section with the following new table:

Homopolymers and copolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system	C08F32/00

Informative references

Replace: The table in the “Informative references” section with the following new table:

Copolymer of isobutene with minor part of conjugated dienes	C08F210/12
Copolymers of vinyl aromatic monomers with minor part of conjugated dienes	C08F212/08
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
Grafted styrene block copolymer based compositions, e.g. grafted SBS, grafted SEBS or grafted SEPS	C08L51/006
Styrene block copolymer based compositions, e.g. SBS, SEBS or SEPS	C08L53/00 - C08L53/025
ABS (acrylonitrile butadiene styrene) based compositions	C08L55/02

Macromolecular homopolymers or copolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F10/00 - C08F38/04
Macromolecular homopolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F110/00 - C08F138/04
Macromolecular copolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F210/00 - C08F238/04
Graft copolymers that are obtained by polymerising monomers on to polymers of conjugated dienes	C08F279/00 - C08F279/06
Macromolecular compounds obtained by polymerising monomers on to polymers modified by introduction of aliphatic unsaturated end or side groups	C08F290/048, C08F290/128
Block copolymers	C08F293/00 - C08F297/086
Chemical compositions of tyres	B60C1/00
Treatment or chemical modification of rubbers	C08C1/00 - C08C19/44

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fc and #C8Fd) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F10/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F38/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers and copolymers having a majority of monomer units derived from one or more carbon-to-carbon triple bonds, e.g. acetylene or vinylacetylene.

Relationships with other classification places

Insert: A new “Relationships with other classification places” section as shown below:

Relationships with other classification places

- If a document exemplifies only homopolymers, it is classified in C08F138/00.
- If a document exemplifies only copolymers, it is classified in C08F238/00.
- Compositions comprising a polymer of C08F38/00 are classified in C08L49/00.
- Coating compositions comprising a polymer of C08F38/00 are classified in C09D149/00.
- Adhesive compositions comprising a polymer of C08F38/00 are classified in C09J149/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F38/00 are classified in C08F281/00 (graft copolymers).

Special rules of classification

Insert: A new “Special rules of classification” section as shown below:

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F110/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraph:

Homopolymers of unsaturated aliphatic hydrocarbons having only one carbon-to-carbon double bond, e.g. ethylene, propylene, butene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F10/00.
- If a document exemplifies only copolymers, it is classified in C08F210/00.
- Compositions comprising a homopolymer of C08F110/00 are classified in C08L23/00.
- Coating compositions comprising a homopolymer of C08F110/00 are classified in C09D123/00.
- Adhesive compositions comprising a homopolymer of C08F110/00 are classified in C09J123/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F110/00 are classified in C08F255/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Insert: A new “Informative references” section as shown below:

Informative references

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

Films containing a polymer classified in C08F110/00 or subgroups	C08J5/18
Fibres containing a polymer classified in C08F110/00 or subgroups	D01F

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

Classification guidance

- Attention is also drawn to the definitions of C08F2/00 and C08F4/00.

Combination sets (C-Sets)

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fc, #C8Fd and #C8Fe) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fc and #C8Fd in C08F10/00
- See C-Sets #C8Fe in this group below

C-Sets statement: #C8Fe

- In groups C08F110/00 – C08F136/22, homo-polymers and their characteristics or properties are classified in the form of C-Sets.
- In #C8Fe, the base symbol, representing the homo-polymer, is taken from the groups C08F110/02 - C08F110/14, whereas the subsequent symbol(s) representing the characteristics or properties is/are taken from the groups C08F2500/01 - C08F2500/26.

- In #C8Fe C-Sets are always allocated as Additional information (ADD).
- Orthogonal indexing codes C08F2500/01 - C08F2500/26 are not allocated as single symbol(s).

C-Sets syntax rules:

- Each C-Set shall contain at least two symbols.
- Duplicate symbols are not allowed in these C-Sets.
- The order of subsequent symbols reflecting the characteristics or properties in these C-Sets is not relevant.
- Orthogonal indexing codes C08F2500/01 - C08F2500/26 only are used as subsequent symbol(s) in C-Sets.

C-Sets examples:

- #C8Fe: Syndiotactic homopolymer of propylene is classified as (C08F110/06, C08F2500/16) (ADD).
- #C8Fe: Polypropylene homopolymer having a bimodal molecular weight distribution and low density is classified as (C08F110/06, C08F2500/05, C08F2500/08) (ADD).
- #C8Fe: Bimodal, high molecular weight homopolymer of ethylene is classified as C08F110/02, C08F2500/01, C08F2500/05) (ADD).

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F112/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraph:

> Homopolymers of compounds having one or more unsaturated aliphatic radicals, each radical having only one carbon-to-carbon double bond, and at least one being terminated by an aromatic carbocyclic ring, e.g. 1-propenylbenzene, alpha-methyl-styrene, vinyl naphthalene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F12/00.
- If a document exemplifies only copolymers, it is classified in C08F212/00.
- Compositions comprising a homopolymer of C08F112/00 are classified in C08L25/00.
- Coating compositions comprising a homopolymer of C08F112/00 are classified in C09D125/00.
- Adhesive compositions comprising a homopolymer of C08F112/00 are classified in C09J125/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of aromatic monomers as defined in group C08F112/00 are classified in C08F257/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Replace: The table in the “Informative references” section with the table shown below:

Post-polymerisation treatments of polymers of C08F112/00	C08F6/00
Chemical modification by after-treatment of polymers of C08F112/00	C08F8/00
Graft copolymers that are obtained by grafting vinyl aromatic monomers on to polymers of conjugated dienes	C08F279/04 - C08F279/06
Macromolecular compounds obtained by polymerising monomers on to polymers modified by introduction of aliphatic unsaturated end or side groups	C08F290/044, C08F290/124
Block copolymers	C08F293/00 - C08F297/086
Making expandable particles comprising polymers of C08F112/00	C08J9/16

Layered products essentially comprising synthetic resin	B32B27/08, B32B27/30
Treatment or chemical modification of rubbers, e.g. SBR rubber	C08C
Working-up of macromolecular substances to porous or cellular articles or materials comprising polymers of C08F112/00; After-treatment thereof	C08J9/0061
Compositions of copolymers of conjugated diene hydrocarbons with styrene, e.g. SBR rubber	C08L9/06 - C08L9/08
Compositions of copolymers of ethene with aromatic monomers	C08L23/0838
Compositions of copolymers of allyl alcohol with vinyl-aromatic monomers	C08L29/08
Grafted styrene block copolymer based compositions, e.g. grafted SBS, grafted SEBS or grafted SEPS	C08L51/006
Compositions of graft copolymers with graft base being a rubber, e.g. high impact polystyrene type based compositions (HIPS)	C08L51/04
Styrene block copolymer based compositions, e.g. SBS, SEBS or SEPS	C08L53/00 - C08L53/025
ABS (acrylonitrile butadiene styrene) based compositions	C08L55/02
Artificial filaments or fibres comprising aromatic vinyl resins	D01F6/22, D01F6/42, D01F6/56
Insulators consisting of aromatic vinyl resins	H01B3/442

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fc and #C8Fd) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fc and #C8Fd in C08F10/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F114/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a halogen, e.g. vinyl chloride, vinylidene chloride, 1,2- dichloroethene, vinyl fluoride, vinylidene fluoride, trifluorochloroethene, tetrafluoroethene or hexafluoropropene.

Relationships with other classification places

Insert: A new “Relationships with other classification places” section.

Relationships with other classification places

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F14/00.

- If a document exemplifies only copolymers, it is classified in C08F214/00.
- Compositions comprising a homopolymer of C08F114/00 are classified in C08L27/00.
- Coating compositions comprising a homopolymer of C08F114/00 are classified in C09D127/00.
- Adhesive compositions comprising a polymer of C08F114/00 are classified in C09J127/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F114/00 are classified in C08F259/00 (graft copolymers).

Special rules of classification

Replace: The existing paragraph in the "Special rules of classification" section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F116/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an alcohol, ether, aldehydo, ketonic, acetal or ketal radical, e.g. poly(vinyl alcohol).

Relationships with other classification places

Replace: The existing paragraphs in the "Relationships with other classification places" section with the following new paragraphs

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F16/00.
- If a document exemplifies only copolymers, it is classified in C08F216/00.
- Compositions of the polymers of C08F116/00 are classified in C08L29/00.
- Coating compositions comprising a homopolymer of C08F116/00 are classified in C09D129/00.
- Adhesive compositions comprising a homopolymer of C08F116/00 are classified in C09J129/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F116/00 are classified in C08F261/00 (graft copolymers).

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F118/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an acyloxy radical of a saturated carboxylic acid, of carbonic acid or of a haloformic acid, e.g. poly(vinyl acetate).

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F18/00.
- If a document exemplifies only copolymers, it is classified in C08F218/00.
- Compositions of the polymers of C08F118/00 are classified in C08L31/00.
- Coating compositions comprising a polymer of C08F118/00 are classified in C09D131/00.
- Adhesive compositions comprising a polymer of C08F118/00 are classified in C09J131/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F118/00 are classified in C08F263/00 (graft copolymers).

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F120/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide or nitrile thereof, e.g. pyridino methacrylate, 2-N-morpholinoethyl methacrylate.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F20/00.
- If a document exemplifies only copolymers, it is classified in C08F220/00.
- Compositions comprising a homopolymer of C08F120/00 are classified in C08L33/00.
- Coating compositions comprising a homopolymer of C08F120/00 are classified in C09D133/00.
- Adhesive compositions comprising a homopolymer of C08F120/00 are classified in C09J133/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F120/00 are classified in C08F265/00 (graft copolymers).

Special rules of classification

Insert: A new “Special rules of classification” section as shown below:

Special rules of classification

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F122/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Homopolymers of compounds having one or more unsaturated aliphatic radicals each having only one carbon-to-carbon double bond, and at least one being terminated by a carboxyl radical and containing at least one other carboxyl radical in the molecule; Salts, anhydrides, esters, amides, imides or nitriles thereof, e.g. di- or polyacrylates, di- or polyacrylamide, cyanoacrylate.

Relationships with other classification places

Replace: The existing paragraphs in the "Relationships with other classification places" section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F22/00.
- If a document exemplifies only copolymers, it is classified in C08F222/00.
- Compositions of the polymers of C08F122/00 are classified in C08L35/00.
- Coating compositions comprising a homopolymer of C08F122/00 are classified in C09D135/00.
- Adhesive compositions comprising a homopolymer of C08F122/00 are classified in C09J135/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F122/00 are classified in C08F267/00 (graft copolymers).

Special rules of classification

Insert: A new "Special rules of classification" section as shown below:

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F124/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a heterocyclic ring containing oxygen, e.g. methylene lactones.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F24/00.
- If a document exemplifies only copolymers, it is classified in C08F224/00.
- Compositions comprising a homopolymer of C08F124/00 are classified in C08L37/00.
- Coating compositions comprising a homopolymer of C08F124/00 are classified in C09D137/00.
- Adhesive compositions comprising a homopolymer of C08F124/00 are classified in C09J137/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F124/00 are classified in C08F269/00 (graft copolymers).

- Homopolymers of esters containing epoxy radicals in addition to the carboxy oxygen are classified in C08F120/32, e.g. glycidyl methacrylate.

References

Limiting references

Replace: The table in the “Limiting references” section with the following new table shown below:

Homopolymers of cyclic esters of polyfunctional acids	C08F118/00
Homopolymers of cyclic anhydrides of unsaturated acids	C08F120/00, C08F122/00

Special rules of classification

Insert: A new “Special rules of classification” section as shown below:

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F126/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a single or double bond to nitrogen or by a heterocyclic ring containing nitrogen, e.g. diallylamine, N-vinyl-pyrrolidine or N-vinyl-pyrrolidone.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F26/00.
- If a document exemplifies only copolymers, it is classified in C08F226/00.
- Compositions comprising a homopolymer of C08F126/00 are classified in C08L39/00.
- Coating compositions comprising a homopolymer of C08F126/00 are classified in C09D139/00.
- Adhesive compositions comprising a homopolymer of C08F126/00 are classified in C09J139/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F126/00 are classified in C08F271/00 graft copolymers).
- Esters containing a heterocyclic ring containing nitrogen are classified in C08F120/34, e.g. pyridino methacrylate or C08F120/36, e.g. 2-N-morpholinoethyl methacrylate.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F128/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

> Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a bond to sulfur or by a heterocyclic ring containing sulphur, e.g. .ethyl vinyl sulfide, 2-vinylthiophene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F28/00.
- If a document exemplifies only copolymers, it is classified in C08F228/00.
- Compositions comprising a homopolymer of C08F128/00 are classified in C08L41/00.
- Coating compositions comprising a homopolymer of C08F128/00 are classified in C09D141/00.
- Adhesive compositions comprising a homopolymer of C08F128/00 are classified in C09J141/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F128/00 are classified in C08F273/00 (graft copolymers).

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

> **C-Sets classification:**
> In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F130/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing phosphorus, selenium, tellurium or a metal, e.g. 2-phosphoethyl methacrylate, vinyl triethoxysilane.

Relationships with other classification places

Replace: The existing paragraphs in the "Relationships with other classification places" section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F30/00.
- If a document exemplifies only copolymers, it is classified in C08F230/00.
- Compositions comprising a homopolymer of C08F130/00 are classified in C08L43/00.
- Coating compositions comprising a homopolymer of C08F130/00 are classified in C09D143/00.
- Adhesive compositions comprising a homopolymer of C08F130/00 are classified in C09J143/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F130/00 are classified in C08F275/00 (graft copolymers).

Special rules of classification

Replace: The existing paragraph in the "Special rules of classification" section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F132/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers of cyclic compounds containing no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system, e.g. norbornene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F32/00.
- If a document exemplifies only copolymers, it is classified in C08F232/00.
- Compositions comprising a homopolymer of C08F132/00 are classified in C08L45/00.
- Coating compositions comprising a homopolymer of C08F132/00 are classified in C09D145/00.
- Adhesive compositions comprising a homopolymer of C08F132/00 are classified in C09J145/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F132/00 are classified in C08F277/00 (graft copolymers).
- Ethylidene norbornene homopolymer is classified in C08F136/20.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F134/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain and having one or more carbon-to-carbon double bonds in a heterocyclic ring, e.g. 1,3-dihydropyran.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F34/00.
- If a document exemplifies only copolymers, it is classified in C08F234/00.
- Compositions comprising a homopolymer of C08F134/00 are classified in C08L45/00.
- Coating compositions comprising a homopolymer of C08F134/00 are classified in C09D145/00.
- Adhesive compositions comprising a homopolymer of C08F134/00 are classified in C09J145/00.

- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F134/00 are classified in C08F277/00 (graft copolymers).

References

Limiting references

Replace: The table in the “Limiting references” section with the following new table shown below:

Homopolymers of cyclic esters of polyfunctional acids	C08F118/00
Homopolymers of cyclic anhydrides or imides	C08F122/00

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F136/00

Definition statement

Insert: A new “Definition statement” section:

Definition statement

This place covers:

Homopolymers of compounds having one or more unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds, e.g. butadiene, isoprene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F36/00.
- If a document exemplifies only copolymers, it is classified in C08F236/00.
- Compositions comprising a homopolymer of C08F136/00 are classified in C08L47/00.
- Compositions comprising a homopolymer of conjugated diene hydrocarbons and derivatives of these polymers are classified in C08L9/00 - C08L21/02.
- Compositions of natural rubbers are classified in C08L7/00.
- Coating compositions comprising a homopolymer of C08F136/00 are classified in C09D147/00.
- Coating compositions comprising a homopolymer or copolymer of conjugated diene hydrocarbons and their derivatives are classified in C09D109/00 – C09D121/02.
- Coating compositions comprising a natural rubber are classified in C09D107/00.
- Adhesive compositions comprising a natural rubber or a (co)polymer of conjugated diene hydrocarbons and their derivatives are classified in C09J107/00 – C09D121/02.
- Adhesive compositions comprising a homopolymer of C08F136/00 are classified in C09J147/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers as defined in group C08F136/00 are classified in C08F279/00 (graft copolymers).

References

Limiting references

Replace: The table in the “Limiting references” section with the following new table as shown below:

Homopolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system	C08F132/00

Informative references

Replace: The table in the “Informative references” section with the following new table as shown below:

Macromolecular homopolymers or copolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F10/00 - C08F38/04
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
Grafted styrene block copolymer based compositions, e.g. grafted SBS, grafted SEBS or grafted SEPS	C08L51/006
Styrene block copolymer based compositions, e.g. SBS, SEBS or SEPS	C08L53/00 - C08L53/025
ABS (acrylonitrile butadiene styrene) based compositions	C08L55/02
Macromolecular homopolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F110/00 - C08F130/00, C08F134/00 - C08F138/04
Macromolecular copolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F210/00 - C08F238/04

Macromolecular compounds obtained by polymerising monomers on to polymers modified by introduction of aliphatic unsaturated end or side groups	C08F290/048, C08F290/128
Block copolymers	C08F293/00 - C08F297/086
Chemical compositions of tyres	B60C1/00
Treatment or chemical modification of rubbers	C08C1/00 - C08C19/44

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

Polymers of C08F132/00 (homopolymers of cyclic compounds having no unsaturated aliphatic radical in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system) take precedence over C08F136/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fc and #C8Fd) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F10/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F138/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Homopolymers of compounds having one or more carbon-to-carbon triple bonds, e.g. acetylene or vinylacetylene.

Relationships with other classification places

Insert: A new “Relationships with other classification places” section as shown below:

Relationships with other classification places

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F38/00.
- If a document exemplifies only copolymers, it is classified in C08F238/00.
- Compositions comprising a homopolymer of C08F138/00 are classified in C08L49/00.
- Coating compositions comprising a homopolymer of C08F138/00 are classified in C09D149/00.
- Adhesive compositions comprising a homopolymer of C08F138/00 are classified in C09J149/00.
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of C08F138/00 are classified in C08F281/00 (graft copolymers).

Special rules of classification

Insert: A new “Special rules of classification” section as shown below:

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F210/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraph:

Copolymers having a majority of monomer units of unsaturated aliphatic hydrocarbons having only one carbon-to-carbon double bond, e.g. copolymers of ethylene, propylene, butene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F10/00.
- If a document exemplifies only homopolymers, it is classified in C08F110/00.
- Compositions comprising a copolymer of C08F210/00 are classified in C08L23/00.
- Coating compositions comprising a copolymer of C08F210/00 are classified in C09D123/00.
- Adhesive compositions comprising a copolymer of C08F210/00 are classified in C09J123/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F210/00 are classified in C08F255/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Insert: The following new “Informative reference” section:

Informative references

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

Films containing a polymer classified in C08F210/00 or subgroups	C08J5/18
Fibres containing a polymer classified in C08F210/00 or subgroups	D01F

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

Classification guidance

- Attention is also drawn to the definitions of C08F2/00 and C08F4/00.

Combination sets (C-Sets):

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fc, #C8Fd, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fc and #C8Fd in C08F10/00
- See C-Sets #C8Fg and #C8Fh in this group below
- See C-Sets #C8Fi in C08F251/00

C-Sets statement : #C8Fg

- In group C08F210/00, copolymers and their characteristics or properties are classified in the form of C-Sets.
- In #C8Fg, the base symbol, representing the monomer in majority in the copolymer, is taken from the groups C08F210/02 - C08F210/18, whereas the subsequent symbol(s) starting with the symbol(s) representing the further co-monomer(s) in descending amounts is (are) taken from the groups C08F210/02 - C08F238/04 ending with the last symbol(s) representing the characteristic(s) or property(ies) which is/are taken from the groups C08F2500/01 - C08F2500/26.
- In #C8Fg, the following symbols within C08F210/02-C08F238/04 are not utilized as subsequent symbols: C08F210/12, C08F210/18, C08F212/10, C08F214/10, C08F214/184, C08F214/186, C08F214/188, C08F214/202, C08F214/205, C08F214/207, C08F214/222, C08F214/225, C08F214/227, C08F214/242, C08F214/245, C08F214/247, C08F214/262, C08F214/265, C08F214/267, C08F214/282, C08F214/285, C08F214/287, C08F218/12, C08F218/16, C08F220/46, C08F220/48, C08F222/08, C08F236/10 and C08F236/12.
- In copolymers having monomers in equal amounts, separate C-Sets based on each of these monomers as base symbol are given.
- A single symbol is also given according to the monomer present in the highest amount in the copolymer.

- #C8Fg C-Sets are always allocated as Additional information (ADD).
- Orthogonal indexing codes C08F2500/01 - C08F2500/26 are not allocated as single symbol(s).

C-Sets syntax rules:

- Each C-Set shall contain at least three symbols.
- Duplicate symbols are allowed in these C-Sets for the C08F210/02 - C08F210/18 symbols only.
- The order of symbols in these C-Sets is relevant for the C08F210/02 - C08F210/18 symbols as reflects the relative amounts of the monomers in the copolymer. The order of the C08F2500/01 – C08F2500/26 subsequent symbols reflecting the characteristics or properties in these C-Sets is not relevant.
- Orthogonal indexing codes C08F2500/01 - C08F2500/26 are only used as subsequent symbol(s) in C-Sets.

C-Sets examples:

- #C8Fg: Low density polyethylene-butene (ethylene in majority) is classified as (C08F210/16, C08F210/08, C08F2500/08) (ADD).
- #C8Fg: Long chain-branched ethylene-acrylic acid copolymer is classified as (C08F210/02, C08F220/06, C08F2500/09) (ADD).
- #C8Fg: Ethylene-propylene-butadiene copolymer with MFI and special particle form is classified as (C08F210/18, C08F210/06, C08F236/06, C08F2500/12, C08F2500/24) (ADD).
- #C8Fg: Heterophasic copolymers resulting from a 2-step process, where in a first step a isotactic homopolymer of propylene is prepared, which is then transferred to a second reactor where a copolymer of ethylene and propylene is prepared, and if ethylene is the monomer in majority in the final polymer, which is further characterized by its melt flow rate, then this heterophasic copolymer is classified as (C08F210/16, C08F210/06, C08F2500/12) (ADD). Moreover, the homopolymer of propylene obtained after the first stage is classified as (C08F110/06, C08F2500/15) (ADD) according to #C8Fe.
- #C8Fg: A copolymer ethylene-hexene characterised by a high density, a melt flow index and a particular size, is classified as

(C08F210/16, C08F210/14, C08F2500/07, C08F2500/12, C08F2500/24) (ADD).

- #C8Fg: A copolymer ethylene-propylene-norbornene (NB) (for which the respective amounts are given in decreasing order) is classified as (C08F210/18, C08F210/06, C08F232/08, C08F2500/25) (ADD).

C-Sets statement : #C8Fh

- Classification of documents using #C8Fh started in April 2012.
- In groups C08F210/02 - C08F238/04 the copolymers are classified on the basis of their monomeric compositions in the form of C-Sets.
- In #C8Fh, the base symbol, representing the monomer in majority, is taken from the groups C08F210/02 - C08F238/04, whereas the subsequent symbol(s) representing the further comonomer(s) in descending amounts is (are) taken from C08F210/02 - C08F238/04.
- In copolymers having monomers in equal amounts, separate C-Sets based on each of these monomers as base symbol are given.
- In #C8Fh, the following symbols within C08F210/02 - C08F238/04 are not utilized as base or subsequent symbols: C08F210/12, C08F210/18, C08F212/10, C08F214/10, C08F214/184, C08F214/186, C08F214/188, C08F214/202, C08F214/205, C08F214/207, C08F214/222, C08F214/225, C08F214/227, C08F214/242, C08F214/245, C08F214/247, C08F214/262, C08F214/265, C08F214/267, C08F214/282, C08F214/285, C08F214/287, C08F218/12, C08F218/16, C08F220/46, C08F220/48, C08F222/08, C08F236/10 and C08F236/12.
- A single symbol is also given according to the monomer present in the highest amount in the copolymer.
- Copolymers, wherein the monomer in majority is taken from the groups C08F210/02 - C08F210/18 and for which their characteristics or properties are also disclosed, are classified according to #C8Fg and not according to #C8Fh.
- In #C8Fh C-Sets are always allocated as Additional information (ADD).

C-Sets syntax rules:

- Each C-Set shall contain at least two symbols.
- Duplicate symbols are allowed in these C-Sets.

- The order of symbols in these C-Sets is relevant as it reflects the relative amounts of the monomers in the copolymer.

C-Sets examples:

- #C8Fh: a copolymer comprising 95 parts of methyl methacrylate and 5 parts of methacrylic acid is classified as (C08F220/14, C08F220/06) (ADD).
- #C8Fh: a copolymer comprising 60 parts of butyl acrylate, 35 parts of styrene and 5 parts of vinyl trimethoxy silane is classified as (C08F220/1804, C08F212/08, C08F230/085) (ADD).
- #C8Fh: A copolymer ethylene-butyl acrylate (ethylene in majority) is classified as (C08F210/02, C08F220/1804) (ADD).
- #C8Fh: A copolymer ethylene-hexene (ethylene in majority) is classified as (C08F210/16, C08F210/14) (ADD).
- #C8Fh: A copolymer ethylene-propylene (50/50) is classified as (C08F210/16, C08F210/06) and (C08F210/06, C08F210/16) (ADD).
- #C8Fh: a copolymer comprising 60 parts of butyl acrylate, 35 parts of styrene and 5 parts of 2-phosphoethyl methacrylate is classified as (C08F220/1804, C08F212/08, C08F230/02) (ADD).

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C-Sets searches using #C8Fh for documents prior to April 2012:

Prior to April 2012 when C-Sets #C8Fh was not used for classification, the copolymers in C08F210/02 - C08F238/04 were classified using only single symbols. The following classification rules can be used when searching for copolymers disclosed in a document prior to April 2012:

- A single symbol corresponding to the monomer in majority was given as Invention information (I), and one or several separate single symbol(s) for the monomer(s) in minority or for a monomer of interest in the copolymer were given as Additional information (A).
- Example:
  A copolymer of 60 parts of butyl acrylate, 30 parts of hydroxyethyl acrylate and 10 parts of acrylic acid can be

searched in C08F220/18 (INV) in combination with C08F220/20 (ADD), optionally also with C08F220/06 (ADD).

Also see Special rules of classification in C08F214/00 for the same classification rules using single symbols for copolymers in C08F214/00.

C08F212/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals having only one carbon-to-carbon double bond, and at least one being terminated by an aromatic carbocyclic ring, e.g. 1-propenylbenzene, alpha-methyl-styrene, vinyl naphthalene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F12/00.
- If a document exemplifies only homopolymers, it is classified in C08F112/00.
- Compositions comprising a copolymer of C08F212/00 are classified in C08L25/00.
- Coating compositions comprising a copolymer of C08F212/00 are classified in C09D125/00.
- Adhesive compositions comprising a copolymer of C08F212/00 are classified in C09J125/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F212/00 are classified in C08F257/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Replace: The table in the “Informative references” section with the following new table as shown below:

Post-polymerisation treatments of polymers of C08F212/00	C08F6/00
Chemical modification by after-treatment of polymers of C08F212/00	C08F8/00
Graft copolymers that are obtained by grafting vinyl aromatic monomers on to polymers of conjugated dienes	C08F279/04 - C08F279/06
Macromolecular compounds obtained by polymerising monomers on to polymers modified by introduction of aliphatic unsaturated end or side groups	C08F290/044, C08F290/124
Block copolymers	C08F293/00 - C08F297/086
Making expandable particles comprising polymers of C08F112/00	C08J9/16
Layered products essentially comprising synthetic resin	B32B27/08, B32B27/30
Treatment or chemical modification of rubbers, e.g. SBR rubber	C08C
Working-up of macromolecular substances to porous or cellular articles or materials comprising polymers of C08F212/00; After-treatment thereof	C08J9/0061
Compositions of copolymers of conjugated diene hydrocarbons with styrene (SBR rubber)	C08L9/06 - C08L9/08

Compositions of copolymers of ethene with aromatic monomers	C08L23/0838
Compositions of copolymers of allyl alcohol with vinyl-aromatic monomers	C08L29/08
Grafted styrene block copolymer based compositions, e.g. grafted SBS, grafted SEBS or grafted SEPS	C08L51/006
Compositions of graft copolymers with graft base being a rubber, e.g. high impact polystyrene type based compositions (HIPS)	C08L51/04
Styrene block copolymer based compositions, e.g. SBS, SEBS or SEPS	C08L53/00 - C08L53/025
ABS (acrylonitrile butadiene styrene) based compositions	C08L55/02
Artificial filaments or fibres comprising aromatic vinyl resins	D01F6/22, D01F6/42, D01F6/56
Insulators consisting of aromatic vinyl resins	H01B3/442

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fc, #C8Fd, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fc and #C8Fd in C08F10/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F214/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a halogen, e.g. vinyl chloride, vinylidene chloride, 1,2-dichloroethene, vinyl fluoride, vinylidene fluoride, trifluorochloroethene, tetrafluoroethene or hexafluoropropene.

Relationships with other classification places

Insert: A new “Relationships with other classification places” section as shown below:

Relationships with other classification places

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F14/00.
- If a document exemplifies only homopolymers, it is classified in C08F114/00.
- Compositions comprising a copolymer of C08F214/00 are classified in C08L27/00.
- Coating compositions comprising a copolymer of C08F214/00 are classified in C09D127/00.
- Adhesive compositions comprising a copolymer of C08F214/00 are classified in C09J127/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F214/00 are classified in C08F259/00 (graft copolymers).

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

Classification guidance

- Groups C08F214/00 – C8F214/287 provide for classification information about the comonomers in minority.
- In C08F214/00, the information about comonomers relevant to the invention, and that are not sufficiently identified in the C08F214/00 subgroups, is preferably given in the form of an additional symbol that does not form part of a C-Set.
- Classification is done by allocating a single symbol of invention corresponding to the monomer in majority (taken at the last appropriate place in the group C08F214/00) and by allocating one or several separate single additional symbol(s) for the monomer(s) in minority or for a monomer of interest in the copolymer (taken in the groups C08F210/00 - C08F238/04).
- Example: A terpolymer of vinylidene fluoride, a perfluorinated vinyl ether and 1,3,3,3,-tetrafluoropropene (60:30:10) is classified in C08F214/222 (INV) in combination with C08F214/182 (ADD) and C08F214/184 (ADD).

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00
- The use of C-Sets (according to #C8Fh) for classifying the monomeric composition of copolymers having a monomer in majority taken from one of the groups of C08F214/00 has not been systematically used, since these groups already provide classification information about the comonomers in minority.

Therefore, symbols disclosing the halogenated vinyl monomers from one of the groups of C08F214/00 are only used as subsequent symbols in #C8Fh (at the exception of C08F214/10, C08F214/184, C08F214/186, C08F214/188, C08F214/202, C08F214/205, C08F214/207, C08F214/222, C08F214/225, C08F214/227, C08F214/242, C08F214/245, C08F214/247, C08F214/262, C08F214/265, C08F214/267, C08F214/282, C08F214/285, C08F214/287, see special rules of C08F210/00).

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F216/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an alcohol, ether, aldehydo, ketonic, acetal or ketal radical, e.g. vinyl alcohol.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F16/00.
- If a document exemplifies only homopolymers, it is classified in C08F116/00.
- Compositions comprising a copolymer of C08F216/00 are classified in C08L29/00.
- Coating compositions comprising a copolymer of C08F216/00 are classified in C09D129/00.
- Adhesive compositions comprising a copolymer of C08F216/00 are classified in C09J129/00.

- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F216/00 are classified in C08F261/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F218/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an acyloxy radical of a saturated carboxylic acid, of carbonic acid or of a haloformic acid, e.g. vinyl acetate.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F18/00.
- If a document exemplifies only homopolymers, it is classified in C08F118/00.
- Compositions comprising a copolymer of C08F218/00 are classified in C08L31/00.
- Coating compositions comprising a copolymer of C08F218/00 are classified in C09D131/00.
- Adhesive compositions comprising a copolymer of C08F218/00 are classified in C09J131/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F218/00 are classified in C08F263/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F220/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride ester, amide, imide or nitrile thereof, e.g. pyridino methacrylate, 2-N-morpholinoethyl methacrylate.

Relationships with other classification places

Replace: The existing paragraphs in the "Relationships with other classification places" section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F20/00.
- If a document exemplifies only homopolymers, it is classified in C08F120/00.
- Compositions comprising a copolymer of C08F220/00 are classified in C08L33/00.
- Coating compositions comprising a copolymer of C08F220/00 are classified in C09D133/00.
- Adhesive compositions comprising a copolymer of C08F220/00 are classified in C09J133/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F220/00 are classified in C08F265/00 (graft copolymers).

References

Limiting references

Delete: The entire "Limiting references" section.

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F222/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a carboxyl radical and containing at least one other carboxyl radical in the molecule; salts, anhydrides, esters, amides, imides, or nitriles thereof, e.g. di- or polyacrylates, di- or polyacrylamide, cyanoacrylate.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F22/00.
- If a document exemplifies only homopolymers, it is classified in C08F122/00.

- Compositions comprising a copolymer of C08F222/00 are classified in C08L35/00.
- Coating compositions comprising a copolymer of C08F222/00 are classified in C09D135/00.
- Adhesive compositions comprising a copolymer of C08F222/00 are classified in C09J135/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F222/00 are classified in C08F267/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F224/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a heterocyclic ring containing oxygen, e.g. methylene lactones.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F24/00.
- If a document exemplifies only homopolymers, it is classified in C08F124/00.
- Compositions comprising a copolymer of C08F224/00 are classified in C08L37/00.
- Coating compositions comprising a copolymer of C08F224/00 are classified in C09D137/00.
- Adhesive compositions comprising a copolymer of C08F224/00 are classified in C09J137/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F224/00 are classified in C08F269/00 (graft copolymers).
- Copolymers derived from a majority of monomer units of esters containing epoxy radicals in addition to the carboxy oxygen are classified in C08F220/32, e.g. glycidyl methacrylate.

References

Limiting references

Replace: The existing table in the “Limiting references” section with the following new table:

Copolymers of cyclic esters of polyfunctional acids	C08F218/00
Copolymers of cyclic anhydrides of unsaturated acids	C08F220/00, C08F222/00

Special rules of classification

Insert: The following new “Special rules of classification” section.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F226/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a single or double bond to nitrogen or by a heterocyclic ring containing nitrogen, e.g. diallylamine, N-vinyl-pyrrolidine or N-vinyl-pyrrolidone.

Relationships with other classification places

Replace: The existing paragraphs in the "Relationships with other classification places" section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F26/00.
- If a document exemplifies only homopolymers, it is classified in C08F126/00.
- Compositions comprising a copolymer of C08F226/00 are classified in C08L39/00.
- Coating compositions comprising a copolymer of C08F226/00 are classified in C09D139/00.
- Adhesive compositions comprising a copolymer of C08F226/00 are classified in C09J139/00.

- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F226/00 are classified in C08F271/00 (graft copolymers).
- Copolymers derived from a majority of monomer units of esters containing a heterocyclic ring containing nitrogen are classified in C08F220/34, e.g. pyridino methacrylate or C08F220/36, e.g. 2-N-morpholinoethyl methacrylate.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F228/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated

by a bond to sulfur or by a heterocyclic ring containing sulphur, e.g. ethyl vinyl sulfide, 2-vinylthiophene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F28/00.
- If a document exemplifies only homopolymers, it is classified in C08F128/00.
- Compositions comprising a copolymer of C08F228/00 are classified in C08L41/00.
- Coating compositions comprising a copolymer of C08F228/00 are classified in C09D141/00.
- Adhesive compositions comprising a copolymer of C08F228/00 are classified in C09J141/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F228/00 are classified in C08F273/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F230/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing phosphorus, selenium, tellurium or a metal, e.g. 2-phosphoethyl methacrylate, vinyl triethoxysilane.

Relationships with other classification places

Replace: The existing paragraphs in the "Relationships with other classification places" section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F30/00.
- If a document exemplifies only homopolymers, it is classified in C08F130/00.
- Compositions comprising a copolymer of C08F230/00 are classified in C08L43/00.
- Coating compositions comprising a copolymer of C08F230/00 are classified in C09D143/00.
- Adhesive compositions comprising a copolymer of C08F230/00 are classified in C09J143/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F230/00 are classified in C08F275/00 (graft copolymers).

References

Limiting references

Delete: The entire "Limiting references" section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F232/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Copolymers derived from a majority of monomer units of cyclic compounds containing no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system, e.g. norbornene.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F32/00.
- If a document exemplifies only homopolymers, it is classified in C08F132/00.
- Compositions comprising a copolymer of C08F232/00 are classified in C08L45/00.
- Coating compositions comprising a copolymer of C08F232/00 are classified in C09D145/00.

- Adhesive compositions comprising a copolymer of C08F232/00 are classified in C09J145/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F232/00 are classified in C08F277/00 (graft copolymers).

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F234/00

Definition statement

Insert: A new “Definition statement” section as shown below:

Definition statement

This place covers:

Copolymers derived from a majority of monomer units having no unsaturated aliphatic radicals in a side chain and having one or more carbon-to-carbon double bonds in a heterocyclic ring, e.g. 1,3-dihydropyran

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F34/00.
- If a document exemplifies only homopolymers, it is classified in C08F134/00.
- Compositions comprising a copolymer of C08F234/00 are classified in C08L47/00.
- Coating compositions comprising a copolymer of C08F234/00 are classified in C09D147/00.
- Adhesive compositions comprising a copolymer of C08F234/00 are classified in C09J147/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F234/00 are classified in C08F279/00 (graft copolymers).

References

Limiting references

Replace: The existing table in the “Limiting references” section with the following new table:

Copolymers of cyclic esters of polyfunctional acids	C08F218/00
Copolymers of cyclic anhydrides or imides	C08F222/00

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F236/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Copolymers derived from a majority of monomer units having one or more unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds, e.g. butadiene, isoprene, 2-ethylidene-5-norbornene.

Relationships with other classification places

Replace: The existing paragraphs in the "Relationships with other classification places" section with the following new paragraphs:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F36/00.
- If a document exemplifies only homopolymers, it is classified in C08F136/00.
- Compositions comprising a copolymer of C08F236/00 are classified in C08L47/00.
- Compositions of homo- or copolymers of conjugated diene hydrocarbons and derivatives of these polymers are classified in C08L9/00 - C08L21/02.
- Compositions of natural rubbers are classified in C08L7/00.
- Compositions of unconjugated diene polymers are classified in C08L47/00.
- Coating compositions comprising a copolymer of C08F236/00 are classified in C09D147/00.
- Coating compositions comprising a copolymer of conjugated diene hydrocarbons and their derivatives are classified in C09D109/00 – C09D121/02.

- Coating compositions comprising a natural rubber are classified in C09D107/00.
- Adhesive compositions comprising a natural rubber or a (co)polymer of conjugated diene hydrocarbons and their derivatives are classified in C09J107/00 – C09D121/02.
- Adhesive compositions comprising a copolymer of C08F236/00 are classified in C09J147/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F236/00 are classified in C08F279/00 (graft copolymers).

References

Limiting references

Replace: The table in the “Limiting references” section with the following new table as shown below:

Copolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system	C08F232/00

Informative references

Replace: The table in the “Informative references” section with the following new table as shown below:

Copolymers of vinyl aromatic monomers with minor part of conjugated dienes	C08F212/08
Compositions of copolymers of ethene-propene or ethene-propene-diene (EPM or EPDM rubber)	C08L23/16
Compositions of copolymers of isobutene with minor part of conjugated dienes monomers (butyl rubber)	C08L23/22

Grafted styrene block copolymer based compositions, e.g. grafted SBS, grafted SEBS, grafted SEPS	C08L51/006
Styrene block copolymer based compositions, e.g. SBS, SEBS, SEPS	C08L53/00 - C08L53/025
ABS (acrylonitrile butadiene styrene) based compositions	C08L55/02
Copolymer of isobutene with minor part of conjugated dienes	C08F210/12
Macromolecular homopolymers or copolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F10/00 - C08F38/04
Macromolecular homopolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F110/00 - C08F138/04
Macromolecular copolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F210/00 - C08F238/04
Macromolecular compounds obtained by polymerising monomers on to polymers modified by introduction of aliphatic unsaturated end or side groups	C08F290/048, C08F290/128
Block copolymers	C08F293/00 - C08F297/086
Chemical compositions of tyres	B60C1/00
Treatment or chemical modification of rubbers	C08C1/00 - C08C19/44

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fc, #C8Fd, #C8Fg, #C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" at the following places: in C08F10/00.

- See C-Sets #C8Fc and #C8Fd in C08F10/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F238/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

> Copolymers derived from a majority of monomer units having one or more carbon-to-carbon triple bonds, e.g. acetylene or vinylacetylene.

Relationships with other classification places

Insert: A new "Relationships with other classification places" section as shown below:

> **Relationships with other classification places**
>
> - If a document exemplifies both homopolymers and copolymers, it is classified in C08F38/00.
> - If a document exemplifies only homopolymers, it is classified in C08F138/00.
> - Compositions comprising a copolymer of C08F238/00 are classified in C08L49/00.
> - Coating compositions comprising a copolymer of C08F238/00 are classified in C09D149/00.
> - Adhesive compositions comprising a copolymer of C08F238/00 are classified in C09J149/00.

- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F238/00 are classified in C08F281/00 (graft copolymers).

Special rules of classification

Insert: A new “Special rules of classification” section as shown below:

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2, #C8Fg, C8Fh and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fg and #C8Fh in C08F210/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F240/00

Definition statement

Insert: A new “Definition statement” section as shown below:

Definition statement

This place covers:

Copolymers derived from a majority of monomer units of hydrocarbons and mineral oils, e.g. petroleum resins.

Relationships with other classification places

Insert: A new “Relationships with other classification places” section as shown below:

Relationships with other classification places

- Compositions comprising a copolymer of mineral oil hydrocarbons are classified in C08L57/02.
- Coating compositions comprising a copolymer of mineral oil hydrocarbons are classified in C09D157/02.
- Adhesive compositions comprising a copolymer of mineral oil hydrocarbons are classified in C09J157/02.

References

Informative references

Delete: The entire “Informative references” section.

Special rules of classification

Insert: A new “Special rules of classification” section as shown below:

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F242/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraph:

Copolymers derived from a majority of monomer units of semi-drying or drying oils, e.g. linseed oil, tung oil, walnut oil, poppy seed oil, perilla oil, oiticica oil, safflower oil, fish oil, tall oil, soybean oil, sunflower oil, rapeseed oil, dehydrated castor oil.

Relationships with other classification places

Insert: A new “Relationships with other classification places” section as shown below:

Relationships with other classification places

- Compositions comprising a copolymer of drying oils are classified in C08L91/005.
- Coating compositions comprising a copolymer of drying oils are classified in C09D191/005.
- Adhesive compositions comprising a copolymer of mineral oil hydrocarbons are classified in C09J191/005.

References

Informative references

Replace: The table in the “Informative references” section with the following new table as shown below:

Copolymers of monocarboxylic acids having ten or more carbon atoms or copolymers of derivatives thereof	C08F220/62 - C08F220/70
Chemical modification of drying oils, e.g. by polymerisation	C09F7/00

Special rules of classification

Insert: A new “Special rules of classification” section as shown below:

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F244/00

Relationships with other classification places

Insert: A new “Relationships with other classification places” section as shown below:

Relationships with other classification places

- Compositions comprising a copolymer of C08F244/00 are classified in C08L45/02.
- Coating compositions comprising a copolymer of C08F244/00 are classified in C09D145/02.
- Adhesive compositions comprising a copolymer of C08F244/00 are classified in C09J145/02.

References

Informative references

Replace: The table in the “Informative references” section with the following new table as shown below:

Homopolymers and copolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system, e.g. having two condensed rings	C08F32/00
Homopolymers and copolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a heterocyclic ring, e.g. in a ring containing oxygen	C08F34/00
Copolymers of cyclic compounds containing no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system, e.g. having condensed rings	C08F232/00
Copolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a heterocyclic ring, e.g. in a ring containing oxygen	C08F234/00

Developers in electrography, electrophotography and magnetography wherein the binders for toner particles comprise polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins	G03G9/08735

Special rules of classification

Insert: A new “Special rules of classification” section as shown below:

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F246/00

Relationships with other classification places

Insert: A new “Relationships with other classification places” section as shown below:

Relationships with other classification places

- Compositions comprising a copolymer of C08F246/00 are classified in C08L57/04.
- Coating compositions comprising a copolymer of C08F246/00 are classified in C09D157/04.
- Adhesive compositions comprising a copolymer of C08F246/00 are classified in C09J157/04.

References

Informative references

Delete: The entire “Informative references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F251/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polysaccharide or derivative thereof.

Grafting of polysaccharide films.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising an already-formed graft polymer obtained by polymerisation of a monomer in the presence of a polysaccharide are classified in C08L51/02.

- Coating compositions comprising an already-formed graft copolymer obtained by polymerisation of a monomer in the presence of a polysaccharide are classified in C09D151/02.
- Coating compositions comprising an unsaturated monomer and a polymer (polymerisation in situ while on the substrate) which leads to a graft copolymer are classified in C09D4/06.
- Adhesive compositions comprising an already-formed graft copolymer obtained by polymerisation of a monomer in the presence of a polysaccharide are classified in C09J151/02.
- Adhesive compositions comprising an unsaturated monomer and a polymer (polymerisation in situ while on the substrate) which leads to a graft copolymer are classified in C09J4/06.
- Chemical modifications of C08F polymers are classified in C08F8/00. When no chain extension occurs but only one monomer is attached to the backbone, the reaction is not considered to be a grafting but a chemical modification and is classified in C08F8/00. This is for example the case of reaction of maleic anhydride through "ene" reaction which is classified in C08F8/46.
- Chemical modification of rubber with an unsaturated monomer (if no grafting takes place) is classified in C08C19/28.
- Grafting through reaction of two polymers via condensation reaction is classified in C08G, in particular C08G81/00.
- Grafting on fibres is classified in D06M14/00 - D06M14/36.
- Grafting on a shaped article is classified in C08J7/16.
- When the process used is a living radical polymerisation process, Indexing Codes C08F2438/00 - C08F2438/03 are additionally allocated.

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Insert: A new “Informative references” section as shown below:

Informative references

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

Polysaccharides and their derivatives	C08B
Photosensitive compositions for lithography	G03F
Photosensitive material	G03F7/004
Photosensitive material comprising a monomer and a binder	G03F7/032 - G03F7/037

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

Classification guidance

- If the pre-formed polymer is a copolymer, the symbol corresponding to the pre-formed polymer is selected in C08F251/00 - C08F291/00 on the basis of the monomer in majority in the pre-formed polymer, wherein the “majority” is as defined at the subclass level.
- In cases of co-grafting, i.e. a monomer is reacted in the presence of two pre-formed polymers, both symbols related to each pre-formed polymer C08F251/00 - C08F291/00 are given. For example co-grafting of a monomer onto a polyethylene and a polysiloxane will be classified in C08F 255/02 and C08F 283/12.
- If a seed polymer is used, it is ignored for classification.
- For core shell polymers, the order of addition of the monomers is considered for classification.

Example: A core shell polymer obtained by:

- polymerisation of styrene
- polymerisation of acrylic acid in the presence of the polymer obtained in the previous bulleted item is classified in C08F 257/02 and with a C-Set as explained below.

Combination sets (C-Sets):

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in this group below

C-Sets statement: #C8Fi

- In groups C08F251/00 - C08F292/00, copolymers obtained by polymerisation of monomers in the presence of a pre-formed polymer or inorganic material are classified in the form of C-Sets.
- In #C8Fi, the base symbol, representing the pre-formed polymer, is taken from the groups C08F251/00 - C08F292/00, whereas the subsequent symbol(s) representing the monomer(s) is (are) taken from C08F210/00 - C08F238/04.
- In #C8Fi, the following symbols within C08F210/02 - C08F238/04 are not utilized as subsequent symbols: C08F210/12, C08F210/18, C08F212/10, C08F214/10, C08F214/184, C08F214/186, C08F214/188, C08F214/202, C08F214/205, C08F214/207, C08F214/222, C08F214/225, C08F214/227, C08F214/242, C08F214/245, C08F214/247, C08F214/262, C08F214/265, C08F214/267, C08F214/282, C08F214/285, C08F214/287, C08F218/12, C08F218/16, C08F220/46, C08F220/48, C08F222/08, C08F236/10 and C08F236/12.
- When several monomers are reacted in the presence of one pre-formed polymer, then one C-set is given with subsequent symbols for each of the monomers.
- If monomers are reacted in the presence of a mixture of pre-formed polymers, one C-Set for each pre-formed polymer is given as indicated in the bullet above.
- In any case, a single symbol corresponding to the base symbol of the C-Set is also given.
- In #C8Fi C-Sets are always allocated as Invention information (I).

C-Sets syntax rules:

- Each C-Set shall contain at least two symbols.
- Duplicate symbols are allowed in these C-Sets as subsequent symbols.

- The order of symbols in these C-Sets is relevant as it reflects the pre-formed polymer as base symbol and the monomer(s) as subsequent symbol(s).

C-Sets examples:

- #C8Fi: a graft copolymer obtained by polymerising methyl methacrylate onto a pre-formed butyl acrylate-acrylic acid copolymer (butyl acrylate in majority) is classified as (C08F265/06, C08F220/14) and C08F265/06.
- #C8Fi: a graft copolymer obtained by polymerising a monomeric composition comprising methyl methacrylate, hydroxyethyl acrylate and styrene (60/30/10) onto a pre-formed butyl acrylate-acrylic acid copolymer (butyl acrylate in majority) is classified as one C-Set: (C08F265/06, C08F220/14, C08F220/20, C08F212/08) and C08F265/06.
- #C8Fi: a graft copolymer obtained by polymerising butyl acrylate onto a pre-formed polyvinyl alcohol polymer is classified as (C08F261/04, C08F220/1804) and C08F261/04.
- #C8Fi: a graft copolymer obtained by polymerising styrene onto a pre-formed saturated polyester is classified as (C08F283/02, C08F212/08) and C08F283/02.
- #C8Fi: a graft copolymer obtained by polymerising N-vinyl pyrrolidone onto a pre-formed polyurethane modified by introduction of unsaturated side-groups is classified as (C08F290/147, C08F226/10) and C08F290/147.
- #C8Fi: a graft copolymer obtained by polymerising N-vinyl pyrrolidone onto a pre-formed polyester with unsaturation in the backbone is classified as (C08F283/01, C08F226/10) and C08F283/01.
- #C8Fi: a graft copolymer obtained by polymerising N-vinyl pyrrolidone onto a mixture of pre-formed polyester with unsaturation in the backbone and polymethyl methacrylate is classified as two separate C-Sets:(C08F283/01, C08F226/10), (C08F265/06, C08F226/10), and two single symbols C08F283/01 and C08F265/06.
- #C8Fi: A polymer obtained in a multistage process where the first step is the polymerisation of styrene in the presence of a polybutadiene rubber core, this step being classified as (C08F279/02, C08F212/08) and C08F279/02, followed by a step where methyl methacrylate and styrene are added and polymerised, the second step is classified as (C08F285/00, C08F220/14, C08F212/08) and C08F285/00.

Searches for documents prior to Jan. 2020:

- Before Jan. 2020, C-Sets in #C8Fi were limited to exactly two symbols such that a copolymer obtained by polymerisation of several monomers in the presence of a pre-formed polymer was allocated a separate C-Set for each monomer: a graft copolymer obtained by polymerising a monomeric composition comprising methyl methacrylate, hydroxyethyl acrylate and styrene (60/30/10) onto a pre-formed butyl acrylate-acrylic acid copolymer (butyl acrylate in majority) was classified as three separate C-Sets: (C08F265/06, C08F220/14) , (C08F265/06, C08F220/20), and (C08F265/06, C08F212/08) and also in C08F265/06.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F253/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraph:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a natural rubber or derivatives thereof.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a "graft", wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the "Relationships with other classification places" section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of rubber are classified in C08L51/04.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of rubber are classified in C09D151/04.

- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of rubber are classified in C09J151/04.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F255/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of unsaturated aliphatic hydrocarbons having only one carbon-to-carbon double bond as defined in group C08F10/00, e.g. polyethylene or polypropylene.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- Heterophasic polyolefin (co)polymers obtained by multistage polymerization processes are classified with the C-Set #C8Fc in their respective groups in C08F10/00, C08F110/00 or C08F210/00 and in C08F2/001.
- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer of aliphatic hydrocarbon containing only one carbon-to-carbon double bonds are classified in C08L51/06.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer of aliphatic hydrocarbon containing only one carbon-to-carbon double bonds are classified in C09D151/06.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer

of aliphatic hydrocarbon containing only one carbon-to-carbon double bonds in C09J151/06.

- Also, see the Relationships with other classification places under C08F251/00, particularly the following: Chemical modifications of C08F polymers are classified in C08F8/00. When no chain extension occurs but only one monomer is attached to the backbone, the reaction is not considered to be a grafting but a chemical modification and is classified in C08F8/00. This is for example the case of reaction of maleic anhydride through "ene" reaction which is classified in C08F8/46.

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Insert: A new “Informative references” section as shown below.

Informative references

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

Multistage polymerisation process characterised by a change in reactor conditions without deactivating the intermediate polymer	C08F2/001

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00

- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F257/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least being terminated by an aromatic carbocyclic ring as defined in group C08F12/00, e.g. polystyrene.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- Polymers obtained by polymerising monomers onto block polymers are classified in C08F287/00.
- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving

only carbon-to-carbon double bonds are classified in C09D151/003.

- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F259/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a halogen as defined in C08F14/00, e.g. poly(vinyl chloride) or poly(vinylidene fluoride).

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a "graft", wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the "Relationships with other classification places" section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire "Limiting references" section.

Special rules of classification

Replace: The existing paragraph in the "Special rules of classification" section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F261/00

Definition statement

Replace: The existing paragraphs in the "Definition statement" section with the following new paragraph:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an alcohol, ether, aldehydo, ketonic, acetal or ketal radical as defined in C08F16/00, e.g. poly(vinyl alcohol).

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a "graft", wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the "Relationships with other classification places" section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer

obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.

- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationship with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F263/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being

terminated by an acyloxy radical of a saturated carboxylic acid, of carbonic acid or of a haloformic acid as defined in group C08F18/00, e.g poly(vinyl acetate).

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a "graft", wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the "Relationships with other classification places" section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire "Limiting references" section.

Special rules of classification

Replace: The existing paragraph in the "Special rules of classification" section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F265/00

Definition statement

Replace: The existing paragraphs in the "Definition statement" section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxylic radical or a salt, anhydride, ester, amide, imide or nitrile thereof as defined in group C08F20/00, e.g poly(methyl acrylate), poly(methyl acrylic acid), polyacrylonitrile, polyacrylamide.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a "graft", wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraphs in the "Relationships with other classification places" section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.

- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F267/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by only one carboxyl radical and containing at least one other carboxyl radical in the molecule; salts, anhydrides, esters, amides, imides or nitriles thereof as defined in group C08F22/00, e.g poly(maleic anhydride), poly(vinylidene cyanide).

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F269/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a heterocyclic ring containing oxygen as defined in group C08F24/00, e.g. methylene lactones.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationship with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F271/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of nitrogen-containing monomers as defined in group C08F26/00, e.g. diallylamine, N-vinyl-pyrrolidine or N-vinyl-pyrrolidone.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F273/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a bond to sulfur or by a heterocyclic ring containing sulfur as defined in group C08F28/00.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer

obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.

- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F275/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing phosphorus, selenium, tellurium or a metal as defined in group C08F30/00.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F277/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of cyclic compounds having no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system as defined in group C08F32/00 or in a heterocyclic ring as defined in group C08F34/00.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F279/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of monomers having two or more carbon-to carbon double bonds as defined in group C08F36/00, e.g. polybutadiene, polyisoprene or styrene-butadiene polymer.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Insert: A new “Limiting references” section as shown below.

Informative references

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

Compositions of ABS polymer	C08L55/02
Coating or adhesive composition comprising an ABS polymer	C09D155/02, C09J155/02

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F281/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer of monomers

having carbon-to-carbon triple bonds as defined in group C08F38/00, e.g. polyacetylene or poly(vinylacetylene).

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a "graft", wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the "Relationships with other classification places" section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/003.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/003.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/003.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire "Limiting references" section.

Special rules of classification

Replace: The existing paragraph in the "Special rules of classification" section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F283/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer from C08G, e.g. polyesters, polycarbonates, polyethers, polyamides, polysiloxanes, polyepoxides.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a "graft", wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the "Relationships with other classification places" section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerization of a monomer in the presence of a C08G polymer are classified in C08L51/08.
- Coating compositions comprising a graft polymer obtained by polymerization of a monomer in the presence of a C08G polymer are classified in C09D151/08.
- Adhesive compositions comprising a graft polymer obtained by polymerization of a monomer in the presence of a C08G polymer are classified in C09J151/08.

- Also, see the Relationships with other classification places under C08F251/00.
- Graft polymers obtained by polymerisation of a monomer onto a C08G polymer modified by introduction of aliphatic unsaturated end or side groups are classified in C08F290/06, C08F290/14.

References

Limiting references

Replace: The table in the “Limiting references” section with the following new table as shown below:

Graft polymers obtained by polymerisation of a monomer onto a C08G polymer modified by introduction of aliphatic unsaturated end or side groups.	C08F290/06, C08F290/14

Informative references

Insert: A new “Informative references” section as shown below.

Informative references

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

Compositions of graft polymer obtained by polymerisation of a monomer in the presence of a polysiloxane	C08L51/085
Coating or adhesive composition comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polysiloxane	C09D151/085, C09J151/085

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F285/00

Definition statement

Replace: The existing paragraphs in the "Definition statement" section with the following new paragraphs:

Core-shell polymers or multistage polymers prepared in at least three polymerisation stages.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a "graft", wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the "Relationships with other classification places" section with the following new paragraph:

See the Relationships with other classification places under C08F251/00.

Special rules of classification

Replace: The existing paragraphs in the "Special rules of classification" section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F287/00

Definition statement

Replace: The existing paragraph in the "Definition statement" section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomers on to block polymers.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a "graft", wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the "Relationships with other classification places" section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a block polymer containing at least one sequence of polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C08L51/006.
- Compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a C08G (block) polymer are classified in C08L51/08.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a block

polymer containing at least one sequence of polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09D151/006.

- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer in the presence of a block polymer containing at least one sequence of polymer obtained by reactions involving only carbon-to-carbon double bonds are classified in C09J151/006.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F289/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer in the presence of a polymer not provided for in groups C08F251/00 - C08F287/00, e.g. protein.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a "graft", wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the "Relationships with other classification places" section with the following new paragraphs:

- Compositions comprising a graft polymer are classified in C08L51/00.
- Coating compositions comprising a graft polymer are classified in C09D151/00.
- Adhesive compositions comprising a graft polymer are classified in C09J151/00.
- Also see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire "Limiting references" section.

Special rules of classification

Replace: The existing paragraph in the "Special rules of classification" section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:

In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F290/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

This group covers comb polymers obtained by reaction of a monomer with a macromonomer having an end unsaturation. The monomer forms the backbone and the macromonomer forms the teeth of the comb polymer.

Polymers obtained by reaction of a monomer and a macromonomer having side groups or several end groups are also classified in this group.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising a homopolymer or copolymer obtained by polymerisation of polymers terminated by a C=C bond are classified in C08L55/005.
- Coating compositions comprising a homopolymer or copolymer obtained by polymerisation of polymers terminated by a C=C bond are classified in C09D155/005.
- Adhesive compositions comprising a homopolymer or copolymer obtained by polymerisation of polymers terminated by a C=C bond are classified in C09J155/005.
- Coating compositions comprising an unsaturated monomer and a polymer, except an unsaturated polymer of C08G, are classified in C09D4/06.

- Adhesive compositions comprising an unsaturated monomer and a polymer, except an unsaturated polymer of C08G, are classified in C09J4/06.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Replace**:** The table in the “Informative references” section with the table shown below:

Compositions of graft polymer obtained by polymerisation of a monomer in the presence of a C08G polymer	C08L51/08
Compositions of graft polymer obtained by polymerisation of a monomer in the presence of a polysiloxane	C08L51/085
Coating or adhesive composition comprising a graft polymer obtained by polymerisation of a monomer in the presence of a C08G polymer	C09D151/08, C09J151/08
Coating or adhesive composition comprising a graft polymer obtained by polymerisation of a monomer in the presence of a polysiloxane	C09D151/085, C09J151/085
Copolymers of monocarboxylic acid esters of polyhydric alcohols or phenols	C08F220/20
Copolymers of monocarboxylic acids esters containing ether chain in the alcohol moiety	C08F220/285 - C08F220/288

Graft polymers obtained by polymerisation of a monomer onto a polymer of C08G	C08F283/00
Coating or adhesive obtained by the polymerisation (in situ) of a monomer onto an unsaturated polymer of C08G	C09D159/00 - C09D187/00

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F291/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

This group is used when the backbone polymer is not specified or if the backbone can be classified in several different groups of C08F251/00 - C08F289/00.

For the purpose of classification, any unsaturated monomer polymerised in the presence of any polymer will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the polymer; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising a graft polymer are classified in C08L51/00.
- Coating compositions comprising a graft polymer are classified in C09D151/00.
- Adhesive compositions comprising a graft polymer are classified in C09J151/00.
- Also, see the Relationships with other classification places under C08F251/00.

References

Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraphs in the “Special rules of classification” section with the following new paragraphs:

See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F292/00

Definition statement

Replace: The existing paragraph in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by polymerising an unsaturated monomer on to inorganic materials, e.g. silica, metal oxides, glass.

For the purpose of classification in this group, any unsaturated monomer polymerised in the presence of any inorganic material will be considered a “graft”, wherein the monomer may be grafted, partially grafted or even not actually grafted onto the inorganic material; all these possibilities are classified in this group.

Relationships with other classification places

Replace: The existing paragraph in the “Relationships with other classification places” section with the following new paragraphs:

- Compositions comprising a graft polymer obtained by polymerisation of a monomer onto an inorganic material are classified in C08L51/10.
- Coating compositions comprising a graft polymer obtained by polymerisation of a monomer onto an inorganic material are classified in C09D151/10.
- Adhesive compositions comprising a graft polymer obtained by polymerisation of a monomer onto an inorganic material are classified in C09J151/10.
- Also, see the Relationships with other classification places under C08F251/00.
- When a polymerisation process is conducted in the presence of an inorganic material such that the monomer is not actually grafted or there is no evidence that a monomer is grafted onto the inorganic material (e.g. fillers), additional classification in C08F2/44 is allocated.

References
Limiting references

Delete: The entire “Limiting references” section.

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

Classification guidance

- See also Special rules of classification under C08F251/00.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1, #C8Fb2 and #C8Fi) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” at the following places:

- See C-Sets #C8Fb1 and #C8Fb2 in C08F8/00
- See C-Sets #C8Fi in C08F251/00

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F293/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Block copolymers produced by radical polymerisation.

Block copolymers produced by living radical polymerisation (LRP), e.g. ATRP (Atom Transfer Radical Polymerisation), RAFT (Reversible Addition-Fragmentation chain Transfer, using e.g. di- or tri-thiocarbamate or xanthate) or nitroxy mediated LRP(using e.g. TEMPO).

Relationships with other classification places

Insert: The following new "Relationships with other classification places" section:

Relationships with other classification places

- Macromolecular compounds obtained by interreacting polymers in the absence of monomers, e.g. block polymers (reaction of two polymers via condensation reaction) are classified in C08G81/00.
- Compositions of block copolymers containing at least one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds are classified in C08L53/00.
- Coating compositions of block copolymers containing at least one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds are classified in C09D153/00.
- Adhesive compositions of block copolymers containing at least one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds are classified in C09J153/00.

References

Limiting references

Replace: The table in the "Limiting references" section with the following new table as shown below:

Polymerisation of a monomer on to polymers modified by introduction of unsaturated end groups.	C08F290/02

Informative references

Replace: The table in the "Informative references" section with the following new table shown below:

Cosmetic or toilet preparation comprising block polymers	A61K8/91
Block- or graft polymers containing polysiloxane sequences	C08G77/42
Macromolecular compounds obtained by interreacting polymers in the absence of monomers, e.g. block polymers (reaction of two polymers via condensation reaction); [specific C08G block groups}	C08G81/00

Special rules of classification

Insert: The following new "Special rules of classification" section:

Classification guidance

- Block copolymers obtained by a process involving living radical polymerisation are further classified in C08F2438/00 - C08F2438/03 as single symbol.

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F295/00

Definition statement

Insert: A new "Definition statement" section as shown below.

Definition statement

This place covers:
Macromolecular compounds obtained by polymerisation using successively different catalyst types without deactivating the intermediate polymer.

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Insert: A new “Informative references” section as shown below.

Informative references

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

Compositions of block copolymers containing at least one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds	C08L53/00
Coating or adhesive compositions of block copolymers containing at least one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds;	C09D153/00, C09J153/00

Special rules of classification

Insert: A new “Special rules of classification” section as shown below.

Special rules of classification

C-Sets classification: In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F297/00

Definition statement

Replace: The existing paragraphs in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by successively polymerising two or more different monomer systems using a catalyst of the ionic or coordination type without deactivating the intermediate polymer.

Block polymers obtained by cationic polymerisation, e.g. isobutylene.

Block polymers obtained by anionic polymerisation.

Block polymers obtained by a catalyst of the coordination type, e.g. metallocene or Ziegler-Natta.

Star polymers if star-block polymers of the type (A-B)n-X, with A-B being a block polymer.

Relationships with other classification places

Replace: The existing paragraphs in the “Relationships with other classification places” section with the following new paragraphs:

- Star homopolymers or copolymers in which the arms are a homo or a copolymer, i.e the arms are not block arms are classified in the respective homo-or copolymer groups.
- Multistage polymerisation processes characterised by a change in reactor conditions without deactivating the intermediate polymer are classified in C08F2/001. In particular, processes for the multistage polymerisation of olefin leading to heterophasic polymers are classified in C08F2/001.

References

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Replace: The table in the “Informative references” section with the table shown below.

Compositions of block copolymers containing at least one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds, e.g. vinyl-aromatic monomers and conjugated dienes	C08L53/00
Coating or adhesive compositions of block copolymers containing at least one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds, e.g. of vinyl aromatic monomer and conjugated diene polymers	C09D153/00, C09J153/00

Special rules of classification

Replace: The existing paragraph in the “Special rules of classification” section with the following new paragraphs:

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:
C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.

C08F299/00

Definition statement

Replace: The existing paragrapha in the “Definition statement” section with the following new paragraphs:

Macromolecular compounds obtained by interreacting polymers involving only carbon-to-carbon unsaturated bond reactions, in the absence of non-macromolecular monomers, e.g. reaction of polymers having one or more unsaturations.

Crosslinked polymers are the result of an addition reaction occurring between polymer chains containing unsaturated aliphatic radicals (being placed at the middle or end of the backbone or laterally) in the absence of monomeric compounds.

References

Application-oriented references

Delete: The entire “Application-oriented references” section.

Informative references

Insert: A new “Informative references” section as shown below.

Informative references

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

Macromolecular compounds obtained by interreacting polymers involving only carbon-to-carbon unsaturated bond reactions, in the presence of non-macromolecular monomers	C08F251/00 - C08F291/00
Macromolecular compounds obtained by interreacting polymers involving reactions other than carbon-to-carbon unsaturated bond reactions	C08G81/00

Special rules of classification

Insert: A new “Special rules of classification” section as shown below.

Special rules of classification

C-Sets classification:
In this group, C-Sets classification (e.g. #C8Fb1 and #C8Fb2) is used. The detailed information about the C-Sets construction and

the associated syntax rules are found in the “Special rules of classification” in C08F8/00.

C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08F and related subclasses.