EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1898

DATE: MAY 1, 2026

PROJECT RP12030

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

Action	**Subclass**	**Group(s)**
SCHEME:		
Titles Changed:	C08G	77/06, 77/12, 77/14, 77/16, 77/20, 77/22, 77/32, 77/38, 77/448, 77/458, 77/50, 77/54, 77/56, 77/58
Indents Changed:	C08G	77/448, 77/458
Notes New:	C08G	77/00
DEFINITIONS:		
Definitions Modified:	C08G	77/00, 77/02, 77/04, 77/045, 77/14, 77/20, 77/26, 77/32, 77/38, 77/50, 77/58, 77/60, 77/62

No other subclasses/groups are impacted by this Notice of Changes.

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

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

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS C08G - MACROMOLECULAR COMPOUNDS OBTAINED OTHERWISE THAN BY REACTIONS ONLY INVOLVING UNSATURATED CARBON-TO-CARBON 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	C08G77/06	2	Preparatory processes	
M	C08G77/12	2	containing silicon bound to hydrogen	
M	C08G77/14	2	containing silicon bound to oxygen-containing groups	
M	C08G77/16	3	to hydroxy groups	
M	C08G77/20	2	containing silicon bound to unsaturated aliphatic groups	
M	C08G77/22	2	containing silicon bound to organic groups containing atoms other than carbon, hydrogen and oxygen	
M	C08G77/32	2	Post-polymerisation treatment	
M	C08G77/38	2	Polysiloxanes modified by chemical after-treatment	
M	C08G77/448	2	containing polycarbonate sequences	
M	C08G77/458	3	containing polyurethane sequences	
M	C08G77/50	2	by carbon linkages	
M	C08G77/54	2	Nitrogen-containing linkages	
M	C08G77/56	2	Boron-containing linkages	
M	C08G77/58	2	Metal-containing linkages	

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

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required "anchor" symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- "Transferred to" column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.

- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “<administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or <administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalization projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

C. New, Modified or Deleted Note(s)

SUBCLASS C08G - MACROMOLECULAR COMPOUNDS OBTAINED OTHERWISE THAN BY REACTIONS ONLY INVOLVING UNSATURATED CARBON-TO-CARBON BONDS

Type*	Location	Old Note	New/Modified Note
N	C08G77/00		{In Groups C08G77/00 - C08G77/80, the last place priority rule is not applied, i.e. the common rule is applied.}

*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

2. A. DEFINITIONS (modified)

C08G 77/00

Replace: The existing Relationships text with the following updated text.

Relationships with other classification places

Compositions of polymers containing Si in the main chain and other polymers are classified in group C08L 83/00.

Coating of polymers containing Si in the main chain are classified in group C09D 183/00 and adhesives of polymers containing Si in the main chain are classified in group C09J 183/00.

References

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

Informative references

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

Containers specially adapted for medical or pharmaceutical purposes	A61J
Cosmetics composition containing polysiloxanes	A61K 8/89
Layered products	B32B
Coatings of mortars, concrete, artificial stone or ceramics with compounds containing silicon	C04B 41/4905
Preparation of aqueous siloxane emulsions	C08J 3/03
Manufacturing of foams	C08J 9/00
Compounding ingredients	C08K
Pressure sensitive adhesives [PSA]	C09J 7/38
Release coating composition on which the PSA is applied	C09J 7/40
Treating fibres and yarns with macromolecular compounds containing silicon in the main chain	D06M 15/643

Contact lenses made of organic materials	G02B 1/043
Organic materials, e.g. photoresists	H10P 14/68
Encapsulations with organic materials comprising silicon, of semiconductors	H10W 74/476

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

Special rules of classification

In groups C08G 77/00 - C08G 77/80, the last place priority rule is not applied, i.e. the common rule is applied.

When classifying within this group, a distinction has to be made structurally between polysilicates and siloxanes which contain Si-R groups, such as polymers, which contain only D-units, or resins which contain at least one branching unit such as T or Q.

Polysilicates are in group C08G 77/02, all other polymers or resins are in group C08G 77/04 or its sub-groups.

Groups C08G 77/02 – C08G 77/62 are allocated as ADD in conjunction with C-Sets #C8LaSi, #C8La(Si)2, #C8LbSi or #C8Lb(Si)2 to specify the Si-based macromolecular component(s) present in the compositions, see C-Sets rules at C08L subclass.

The following groups are allocated as additional symbols [ADD] where applicable:

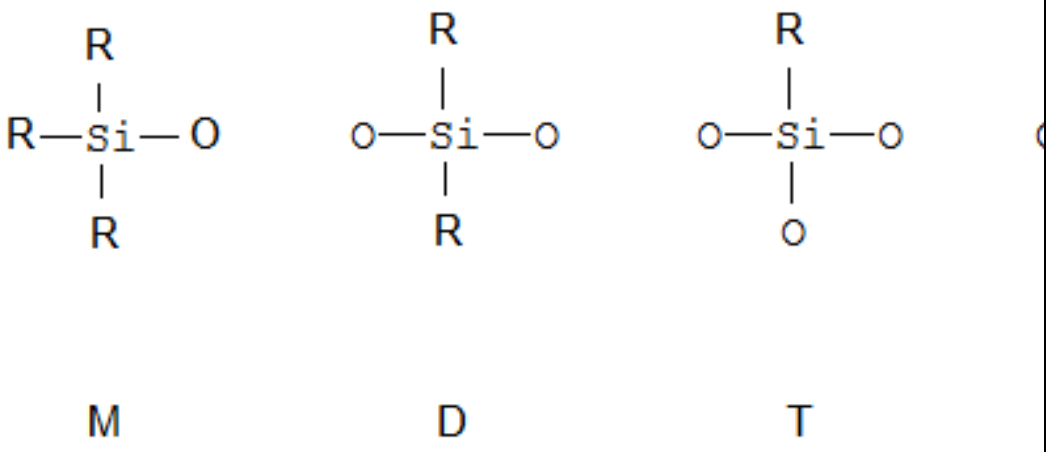
- Group C08G 77/70 for every document which uses the MDTQ nomenclature in the claims or the examples
- Group C08G 77/80 for polysiloxanes having aromatic substituents such as phenyl side groups.

Replace: The existing Glossary table with the following updated table.

Glossary of terms

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

condensation cure	cure established via condensation reactions such as Si-OR + HO-Si → Si-O-Si or Si-OH + HO-Si → Si-O-Si, e.g. $^{HO}MD_xM^{OH}$ + $(RO)_3SiR$ →

	elastomer which is performed with the help of a variety of condensation catalysts, e.g. tin compounds, acids or bases
curing mechanisms	hydrosilation, condensation or radical cure
hydrosilation cure	cure established via hydrosilation (or hydrosilylation or addition) reaction Si-CH=CH_2 + H-Si → Si-CH_2-CH_2-Si, e.g. $^{Vi}MD_xM^{Vi}$ + $MD^{H}_3D_xM$ → elastomeric material (3d x-linked), which is done in most cases with the help of a platinum catalyst, e.g. platinic acid, platinum compounds or Karstedt catalyst
MDTQ nomenclature	MDTQ nomenclature (monofunctional, difunctional, trifunctional, tetrafunctional) facilitates the description of siloxane molecules:  M D T where R is an organic group, O is an oxygen connected to other silicon atoms M ($R_3SiO_{1/2}$) stands for monofunctional unit, i.e. monofunctional with respect to the connection to other Si atoms D ($R_2SiO_{2/2}$= R_2SiO) is difunctional, T ($RSiO_{3/2}$) trifunctional and Q ($SiO_{4/2}$= SiO_2) is tetrafunctional
MDTQ-resin	a resin which contains all four elements
MQ-resin	a resin which contains M and Q units, i.e. prepared from tetraalkoxysilanes, e.g. TEOS and monoalkoxysilanes
radical or peroxide cure	cure established via the reaction Si-CH_3 + CH_3-Si → Si-CH_2-CH_2-Si which is done in most cases with the help of a peroxide catalyst
silsesquioxane	resin which falls under the stochiometric formula $RSiO_{3/2}$ (silsesqui means one and a half), e.g. a T-resin

T-resin	a branched structure which contains only T-units, i.e. is prepared from trialkoxysilanes or trichlorosilanes

Replace: The existing Synonyms and Keywords table with the following updated table.

Synonyms and Keywords

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

polyorganosiloxanes or organopolysiloxanes	polysiloxanes with organic substituents on the Si-O backbone, siloxanes or silicones

In patent documents, the following abbreviations are often used:

MD_xM	Non-functional PDMS, i.e. polydimethylsiloxane
MM	Hexamethyldisiloxane
$^{Vi}MD_xM^{Vi}$	PDMS having vinyl end groups
MDH_xD_xM	PDMS having SiH side groups

In patent documents, the following words/expressions are often used as synonyms:

- "platin", " karstedt" and "platinum catalyst".
- “alkoxy curing”, “condensation curing”, “tin catalyst”, “stannous catalyst”, “moisture curing catalyst” and “condensation catalyst”.

C08G 77/02

Replace: The parentheses in the Definition statement with brackets.

Definition statement

This place covers:

Polymers containing Si in the main chain where only Q groups are present, with no organic groups attached to the siloxane backbone, e.g. synthesis of polymers or gels via tetraethoxy orthosilicate [TEOS] condensation reactions.

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

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

Synthesis of silica	C01B 33/12

C08G 77/04

Delete: The entire Special rules section.

C08G 77/045

Replace: The existing Definition statement text with the following updated text. The images should remain as-is.

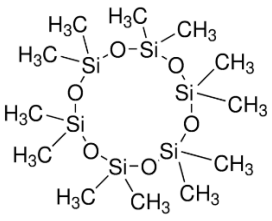
Definition statement

This place covers:

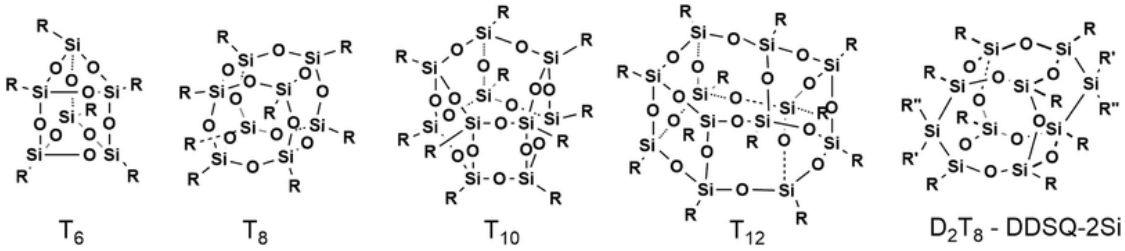
Polysiloxanes comprising 6 to 24 silicon atoms, e.g. cyclosiloxanes, polyhedral silsesquioxane (POSS, T8 cubes) or oligomers.

Illustrative examples of subject matter classified in this place:

1. Cyclosiloxane with six silicon atoms:



2. Polyhedral silsesquioxanes with at least 6 and less than 25 silicon atoms:



References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

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

Silicon containing compounds	C07F 7/02

Insert: The following new Special rules section.

Special rules of classification

All polysiloxanes comprising 6 to 24 silicon atoms are classified both in C08G 77/045 and any other relevant places in C08G 77/04 – C08G 77/80.

Example: a polysiloxane comprising 20 silicon atoms and a vinyl group as a substituent is classified in C08G 77/045 and C08G 77/20.

C08G 77/14

Replace: The existing Definition statement text with the following updated text.

Definition statement

This place covers:

Polysiloxanes where the O atom is present in the substituents and not the backbone, e.g. direct or no direct silicon to oxygen bonding, epoxy groups, glycol or glycerol, polyhydric alcohol substituents or carbinols, i.e. Si-CH_2-OH.

Delete: The entire Special rules section.

C08G 77/20

Delete: The entire Special rules section.

C08G77/26

Insert: A period at the end of the Definition statement, as follows.

Definition statement

This place covers:

Polysiloxanes containing silicon bound to organic groups containing atoms other than carbon, hydrogen and oxygen, e.g. isocyanates or oximes.

C08G 77/32

Insert: A period at the end of the Definition statement, as follows.

Definition statement

This place covers:

Physical post-polymerisation treatments which result in no change in length of polysiloxane backbone.

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

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

Polysiloxanes modified by chemical after-treatment	C08G 77/38

Delete: The entire Special rules section.

C08G 77/38

Replace: The existing Definition statement text with the following updated text.

Definition statement

This place covers:

Polysiloxanes modified by chemical after-treatment which result in no significant change in length of polysiloxane backbone (e.g. HMDZ as an end capping) but in polysiloxanes having substituents to be specified in sub-groups.

Insert: The following new Relationships section.

Relationships with other classification places

Polysiloxanes modified by introduction of units or segments that change the chain length such as leading to blocks or grafts polysiloxanes are classified in C08G 77/42.

Delete: The entire Special rules section.

C08G 77/50

Insert: A period at the end of the Definition statement, as follows.

Definition statement

This place covers:

Polymers where there is a Si atom in the main chain in which at least two but not all the silicon atoms are connected by carbon linkages, e.g. vinyl endblocked PDMS is reacted with Si-H endblocked PDMS in a stochiometric ratio of >1:1 so that defined macromolecular species are build:

$2\ {}^{Vi}MD_xM^{Vi} + {}^{H}MD_xM^{H} \rightarrow {}^{Vi}MD_xM^{CH2\text{-}CH2}MD_xM^{CH2\text{-}CH2}MD_xM^{Vi}$

or the analog reaction scheme with α,ω vinyl endcapped aliphatic hydrocarbons:

${}^{Vi}R^{Vi} + {}^{H}MD_xM^{H} \rightarrow {}^{Vi}R\ {}^{CH2\text{-}CH2}MD_xM^{CH2\text{-}CH2}R^{Vi}$ with R being an aliphatic hydrocarbon.

Delete: The entire Special rules section.

C08G 77/58

Insert: A period at the end of the Definition statement, as follows.

Definition statement

This place covers:

Polymers where there is a Si atom in the main chain in which at least two but not all the silicon atoms are connected by metal-containing linkages, e.g. silane co-condensation with Ti, Al or Zr alkoxides.

Delete: The entire Special rules section.

C08G77/60

Insert: A period at the end of the Definition statement, as follows.

Definition statement

This place covers:

Polymers where there is a Si atom in the main chain in which all the silicon atoms are connected by linkages other than oxygen atoms, e.g. polysilanes or polysilcarbenes.

C08G77/62

Insert: A period at the end of the Definition statement, as follows.

Definition statement

This place covers:

Polymers where there is a Si atom in the main chain in which all the silicon atoms are connected by nitrogen atoms, e.g. polysilazanes.