

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1753

DATE: MAY 1, 2025

PROJECT DP12020

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
DEFINITIONS:		
Definitions New:	C08F	36/20, 136/20, 236/10, 236/12, 236/20
Definitions Modified:	C08F	32/00, 36/00, 132/00, 136/00, 232/00, 236/00

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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2. A. DEFINITIONS (new)

C08F 36/20

Definition statement

This place covers:

Homopolymers and copolymers having a majority of monomer units derived from one or more unsaturated aliphatic compounds, at least one having only two unconjugated carbon-to-carbon double bonds.

Special rules of classification

While classifying homopolymers and copolymers of compounds having two unconjugated carbon-to-carbon double bonds in C08F 36/20, attention should be given to the precedence rule to C08F 32/00.

Thus, 1,5-hexadiene or 3-vinyl-1-cyclohexene homopolymers or copolymers are classified in C08F 36/20, while homopolymers or copolymers of 1,3-cyclohexadiene are classified in C08F 32/06.

C08F 136/20

Definition statement

This place covers:

Homopolymers of compounds having one or more unsaturated aliphatic radicals, at least one having only two unconjugated carbon-to-carbon double bonds.

Special rules of classification

While classifying homopolymers of compounds having two unconjugated carbon-to-carbon double bonds in C08F 136/20, attention should be given to the precedence rule to C08F 132/00.

Thus, 1,5-hexadiene or 3-vinyl-1-cyclohexene homopolymers are classified in C08F 136/20, while homopolymers of 1,3-cyclohexadiene are classified in C08F 132/06.

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C08F 236/10

Definition statement

This place covers:

Copolymers of compounds having one or more unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds, with vinyl-aromatic monomers.

Special rules of classification

Attention should be drawn when classifying copolymers in this group with C-Sets. C08F 236/10 is not used with #C8Fh C-Sets but is allocated as a separate single symbol.

Thus butadiene-styrene copolymer with butadiene in majority is classified as C08F 236/10 and as (C08F 236/06, C08F 212/08).

C08F 236/12

Definition statement

This place covers:

Copolymers of compounds having one or more unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds, with nitrile monomers.

Special rules of classification

Attention should be drawn when classifying copolymers in this group with C-Sets. C08F 236/12 is not used with #C8Fh C-Sets but is allocated as a separate single symbol.

Thus butadiene-acrylonitrile copolymer with butadiene in majority is classified as C08F 236/12 and as (C08F 236/06, C08F 220/44).

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C08F 236/20

Definition statement

This place covers:

Copolymers having a majority of monomer units derived from one or more unsaturated aliphatic compounds, at least one having only two unconjugated carbon-to-carbon double bonds.

Special rules of classification

While classifying copolymers of compounds having two unconjugated carbon-ton-carbon double bonds in C08F 236/20, attention should be given to the precedence rule to C08F 232/00.

Thus, copolymers of 1,5-hexadiene or of 3-vinyl-1-cyclohexene are classified in C08F 236/20, while copolymers of 1,3-cyclohexadiene are classified in C08F 232/06.

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

C08F 32/00

Relationships with other classification places

Insert: A new bullet point at the end of the existing bulleted list so that the entire text appears as follows:

- If a document exemplifies only homopolymers, it is classified in C08F 132/00.
- If a document exemplifies only copolymers, it is classified in C08F 232/00.
- Compositions comprising a polymer of C08F 32/00 are classified in C08L 45/00.
- Coating compositions comprising a polymer of C08F 32/00 are classified in C09D 145/00.
- Adhesive compositions comprising a polymer of C08F 32/00 are classified in C09J 145/00.
- Macromolecular compounds obtained by polymerising monomers on to polymers of monomers as defined in group C08F 32/00 are classified in C08F 277/00 (graft copolymers).
- Ethylidene norbornene (co)polymer is classified in C08F 36/20.
- If the polymerisation process is of interest, then a single symbol may be allocated in C08F 2/00 or subgroups.
- If the polymerisation catalyst is of interest, then a single symbol may be allocated in C08F 4/00 or subgroups.
- Macromolecular compounds obtained by reactions forming a carbon-to-carbon link in the main chain by other mechanism than in C08F are classified in C08G 61/00, e.g. polymers obtained by ring-opening metathesis polymerization.

C08F 36/00

Definition statement

Replace: The existing Definition statement text with the following revised text:

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

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Relationships with other classification places

Replace: The existing Relationships section text with the following revised text:

- If a document exemplifies only homopolymers, it is classified in [C08F 136/00](#).
- If a document exemplifies only copolymers, it is classified in [C08F 236/00](#).
- Compositions comprising a homo- or copolymer of conjugated diene hydrocarbons and derivatives of these polymers are classified in [C08L 9/00](#) – [C08L 21/02](#).
- Compositions comprising a natural rubber are classified in [C08L 7/00](#).
- Compositions comprising an unconjugated diene polymer are classified in [C08L 47/00](#).
- Coating compositions comprising a homopolymer or copolymer of conjugated diene hydrocarbons and their derivatives are classified in [C09D 109/00](#) – [C09D 121/02](#).
- Coating compositions comprising a natural rubber are classified in [C09D 107/00](#).
- Coating compositions comprising an unconjugated diene polymer are classified in [C09D 147/00](#).
- Adhesive compositions comprising a polymer of conjugated diene hydrocarbons and their derivatives are classified in [C09J 109/00](#) – [C09J 121/02](#).
- Adhesive compositions comprising a natural rubber are classified in [C09J 107/00](#).
- Adhesive compositions comprising an unconjugated diene polymer are classified in [C09J 147/00](#).
- Macromolecular compounds obtained by polymerising monomers on to polymers as defined in group [C08F 36/00](#) are classified in [C08F 279/00](#) (graft copolymers).
- Macromolecular compounds obtained by reactions forming a carbon-to-carbon link in the main chain by other mechanism than in [C08F](#) are classified in [C08G 61/00](#), e.g. polymers obtained by ring-opening metathesis polymerization.
- A chemically modified conjugated diene homopolymer or copolymer is classified in one of the [C08F 36/00](#) – [C08F 36/22](#) groups, and in at least one of the [C08C 19/00](#) – [C08C 19/44](#) groups.

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Synonyms and Keywords

Replace: The existing Synonyms and Keywords table with the following revised table:

ABS	Acrylonitrile butadiene styrene
BR	Butadiene rubber
CR	Chloroprene rubber
IIR	Isobutylene isoprene rubber or butyl rubber
IR	Isoprene rubber
NBR	Nitrile butadiene rubber or acrylonitrile-butadiene rubber
NR	Natural rubber
SAN	Styrene acrylonitrile copolymer
SBR	Styrene butadiene rubber

C08F 132/00**Relationships with other classification places**

Insert: A new bullet point at the end of the existing bulleted list so that the entire text appears as follows:

- If a document exemplifies both homopolymers and copolymers, it is classified in [C08F 32/00](#).
- If a document exemplifies only copolymers, it is classified in [C08F 232/00](#).
- Compositions comprising a homopolymer of [C08F 132/00](#) are classified in [C08L 45/00](#).
- Coating compositions comprising a homopolymer of [C08F 132/00](#) are classified in [C09D 145/00](#).
- Adhesive compositions comprising a homopolymer of [C08F 132/00](#) are classified in [C09J 145/00](#).
- Macromolecular compounds obtained by polymerising monomers on to homopolymers of [C08F 132/00](#) are classified in [C08F 277/00](#) (graft copolymers).

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- Ethylidene norbornene homopolymer is classified in [C08F 136/20](#).
- Macromolecular compounds obtained by reactions forming a carbon-to-carbon link in the main chain by other mechanism than in [C08F](#) are classified in [C08G 61/00](#), e.g. polymers obtained by ring-opening metathesis polymerization.

C08F136/00

Relationships with other classification places

Insert: Two new bullet points at the end of the existing bulleted list so that the entire text appears as follows:

- If a document exemplifies both homopolymers and copolymers, it is classified in [C08F 36/00](#).
- If a document exemplifies only copolymers, it is classified in [C08F 236/00](#).
- Compositions comprising a homopolymer of [C08F 136/00](#) are classified in [C08L 47/00](#).
- Compositions comprising a homopolymer of conjugated diene hydrocarbons and derivatives of these polymers are classified in [C08L 9/00](#) – [C08L 21/02](#).
- Compositions of natural rubbers are classified in [C08L 7/00](#).
- Coating compositions comprising a homopolymer of [C08F 136/00](#) are classified in [C09D 147/00](#).
- Coating compositions comprising a homopolymer or copolymer of conjugated diene hydrocarbons and their derivatives are classified in [C09D 109/00](#) – [C09D 121/02](#).
- Coating compositions comprising a natural rubber are classified in [C09D 107/00](#).
- Adhesive compositions comprising a natural rubber or a (co)polymer of conjugated diene hydrocarbons and their derivatives are classified in [C09J 107/00](#) – [C09J 121/02](#).
- Adhesive compositions comprising a homopolymer of [C08F 136/00](#) are classified in [C09J 147/00](#).
- Macromolecular compounds obtained by polymerising monomers on to homopolymers as defined in group [C08F 136/00](#) are classified in [C08F 279/00](#) (graft copolymers).

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- Macromolecular compounds obtained by reactions forming a carbon-to-carbon link in the main chain by other mechanism than in C08F are classified in C08G 61/00, e.g. polymers obtained by ring-opening metathesis polymerization.
- A chemically modified conjugated diene homopolymer is classified in one of the C08F 136/00 – C08F 136/22 groups, and in at least one of the C08C 19/00 – C08C 19/44 groups.

Synonyms and Keywords

Replace: The existing Synonyms and Keywords table with the following revised table:

ABS	Acrylonitrile butadiene styrene
BR	Butadiene rubber
CR	Chloroprene rubber
IIR	Isobutylene isoprene rubber or butyl rubber
IR	Isoprene rubber
NBR	Nitrile butadiene rubber or acrylonitrile-butadiene rubber
NR	Natural rubber
SAN	Styrene acrylonitrile copolymer
SBR	Styrene butadiene rubber

C08F 232/00

Relationships with other classification places

Insert: A new bullet point at the end of the existing bulleted list so that the entire text appears as follows:

- If a document exemplifies both homopolymers and copolymers, it is classified in C08F 32/00.
- If a document exemplifies only homopolymers, it is classified in C08F 132/00.

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- Compositions comprising a copolymer of [C08F 232/00](#) are classified in [C08L 45/00](#).
- Coating compositions comprising a copolymer of [C08F 232/00](#) are classified in [C09D 145/00](#).
- Adhesive compositions comprising a copolymer of [C08F 232/00](#) are classified in [C09J 145/00](#).
- Macromolecular compounds obtained by polymerising monomers on to copolymers of [C08F 232/00](#) are classified in [C08F 277/00](#) (graft copolymers).
- Macromolecular compounds obtained by reactions forming a carbon-to-carbon link in the main chain by other mechanism than in [C08F](#) are classified in [C08G 61/00](#), e.g polymers obtained by ring-opening metathesis polymerization.

C08F 236/00

Relationships with other classification places

Insert: Two new bullet points at the end of the existing bulleted list so that the entire text appears as follows:

- If a document exemplifies both homopolymers and copolymers, it is classified in [C08F 36/00](#).
- If a document exemplifies only homopolymers, it is classified in [C08F 136/00](#).
- Compositions comprising a copolymer of [C08F 236/00](#) are classified in [C08L 47/00](#).
- Compositions of homo- or copolymers of conjugated diene hydrocarbons and derivatives of these polymers are classified in [C08L 9/00](#) - [C08L 21/02](#).
- Compositions of natural rubbers are classified in [C08L 7/00](#).
- Compositions of unconjugated diene polymers are classified in [C08L 47/00](#).
- Coating compositions comprising a copolymer of [C08F 236/00](#) are classified in [C09D 147/00](#).
- Coating compositions comprising a copolymer of conjugated diene hydrocarbons and their derivatives are classified in [C09D 109/00](#) – [C09D 121/02](#).
- Coating compositions comprising a natural rubber are classified in [C09D 107/00](#).
- Adhesive compositions comprising a natural rubber or a (co)polymer of conjugated diene hydrocarbons and their derivatives are classified in [C09J 107/00](#) – [C09J 121/02](#).

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- Adhesive compositions comprising a copolymer of C08F 236/00 are classified in C09J 147/00.
- Macromolecular compounds obtained by polymerising monomers on to copolymers of C08F 236/00 are classified in C08F 279/00 (graft copolymers).
- Macromolecular compounds obtained by reactions forming a carbon-to-carbon link in the main chain by other mechanism than in C08F are classified in C08G 61/00, e.g polymers obtained by ring-opening metathesis polymerization.
- A chemically modified conjugated diene copolymer is classified in one of the C08F 236/00 – C08F 236/22 groups, and in at least one of the C08C 19/00 – C08C 19/44 groups.

References

Limiting references

Delete: The following row from the Limiting references table:

Compositions of unconjugated diene polymers	C08L 47/00
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Informative references

Replace: The existing Informative references table with the following revised table:

Macromolecular homopolymers or copolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F 10/00 - C08F 38/04
Macromolecular homopolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F 110/00 - C08F 138/04
Macromolecular copolymers obtained by reactions involving only carbon-to-carbon unsaturated bonds	C08F 210/00 - C08F 238/04
Copolymer of isobutene with minor part of conjugated dienes	C08F 210/12
Copolymers of vinyl aromatic monomers with minor part of conjugated dienes	C08F 212/08
Macromolecular compounds obtained by polymerising monomers on to polymers	C08F 290/048, C08F 290/128

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modified by introduction of aliphatic unsaturated end or side groups	
Block copolymers	C08F 293/00 - C08F 297/086
Chemical compositions of tyres	B60C 1/00
Treatment or chemical modification of rubbers	C08C 1/00 - C08C 19/44
Ethene-propene or ethene-propene-diene copolymers	C08L 23/16
Copolymers of isobutene; Butyl rubber; Homopolymers or copolymers of other iso-olefins	C08L 23/22
Compositions of unconjugated diene polymers	C08L 47/00
Grafted styrene block copolymer-based compositions, e.g. grafted SBS, grafted SEBS or grafted SEPS	C08L 51/006
Styrene block copolymer-based compositions, e.g. SBS, SEBS or SEPS	C08L 53/00 - C08L 53/025
ABS (acrylonitrile butadiene styrene) based compositions	C08L 55/02