

C09F

NATURAL RESINS; FRENCH POLISH; DRYING-OILS; OIL DRYING AGENTS, i.e. SICCATIVES; TURPENTINE

Definition statement

This place covers:

Natural resins, French polish, drying-oils, driers or turpentine per se.

Obtaining, purification, or chemical modification of natural resins, e.g. oleo-resins.

Obtaining spirits of turpentine.

Obtaining drying-oils.

Chemical modification of drying oils, e.g. oxidising, voltolising; Apparatus therefor.

Compounds to be used as driers (siccatives).

Preparation of French polish.

Relationships with other classification places

The preparation of synthetic oil by polymerisation is classified in [C08F](#) or [C08G](#).

The modification of drying-oils by copolymerisation is classified in [C08F](#).

The polycondensation of drying-oils is classified in [C08G](#).

Resin soaps are classified in [C11D](#).

References

Informative references

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

Natural rubber, modifications	C08C 1/00
Vulcanised oils, e.g. factice	C08H 3/00
Natural rubber, compositions	C08L 7/00
Compositions of natural resins	C08L 93/00
Polishing compositions	C09G 1/00
Thickening of hydrocarbon oils or fatty oils by voltolising	C10G 71/02
Chemical modification of oils	C11C 3/00

Glossary of terms

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

Drying-oil	Unsaturated fatty oil, such as linseed oil, tung oil, poppy seed oil, perilla oil and walnut oil, that becomes hard, tough and elastic upon exposure to the air when spread into a thin film.
French polishing	Wood finishing technique for wooden furniture that results in a very high gloss, deep colour and tough surface; it consists of applying many thin coats of shellac using a rubbing pad.

Natural resin	A resin of natural origin, being obtained, except for shellac and natural rubber, from the secretions of certain trees, which exude the resin when the bark is wounded. The initial liquid exuding from a wounded tree is an oleoresin containing the natural resin plus some oils.
Shellac	A natural resin of animal origin produced by refining the secretion of the shell louse. The resin consists of a complex mixture of esters mostly based on aleuritic acid.
Siccative	Drying agent; a substance that promotes drying, e.g. linseed or flax seed oil.
Turpentine	Resinous exudate or extract obtained from coniferous trees, particularly those of the genus <i>Pinus</i> . The main components of turpentines are mono and bicyclic monoterpenes
Voltolising	Subjecting oils to treatment with an electric discharge.

C09F 1/00

Obtaining purification, or chemical modification of natural resins, e.g. oleo-resins

Definition statement

This place covers:

Processes for obtaining natural resins from their source material

Purification processes

Chemical modification, e.g. esterification

C09F 3/00

Obtaining spirits of turpentine

Definition statement

This place covers:

Obtaining spirits of turpentine, e.g. as a by-product in the paper-pulping process

C09F 5/00

Obtaining drying-oils (preparation of synthetic oil by polymerisation [C08F](#), [C08G](#))

Definition statement

This place covers:

Apparatus and methods for preparing varnishes or paints;

Synthetic drying oils and chemically modified drying oils;

Hydrocarbons or derivatives thereof explicitly defined as being intended as substitutes of drying oils in varnishes and paints.

References

Limiting references

This place does not cover:

Preparation of synthetic oil by polymerisation	C08F , C08G
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C09F 7/00

Chemical modification of drying oils (modifying by copolymerisation [C08F](#); polycondensation [C08G](#); factice [C08H](#))

Definition statement

This place covers:

Chemical modification of drying oils, e.g. by oxidation, fractioning or isomerisation.

References

Limiting references

This place does not cover:

Modifying by copolymerisation	C08F
Polycondensation	C08G
Factice	C08H

C09F 9/00

Compounds to be used as driers, i.e. siccatives

Definition statement

This place covers:

Driers for oxidative drying systems.

C09F 11/00

Preparation of French polish

Definition statement

This place covers:

French polish compositions e.g. based on shellac, suitable for obtaining a high gloss "French Polish" finish.

Methods for preparing French polish compositions.

Resins explicitly defined as being intended to substitute shellac in e.g. French polish.