

CPC**COOPERATIVE PATENT CLASSIFICATION****G03C**

PHOTOSENSITIVE MATERIALS FOR PHOTOGRAPHIC PURPOSES (for photomechanical purposes [G03F](#)) ; **PHOTOGRAPHIC PROCESSES**, e.g. **CINE, X-RAY, COLOUR, STEREO-PHOTOGRAPHIC PROCESSES** ; **AUXILIARY PROCESSES IN PHOTOGRAPHY** (photographic processes characterised by the use or manipulation of apparatus classifiable per se in subclass [G03B](#) , see [G03B](#) ; photomechanical production of textured or patterned surfaces [G03F](#) ; electrophotography, magnetography [G03G](#))

NOTE

In this subclass, the following expressions are used with the meanings indicated :

- "photosensitive compositions" covers photosensitive substances, e.g. silverhalides, and, if applicable, binders or additives;
- "photosensitive materials" covers the photosensitive compositions, e.g. emulsions, the bases carrying them, and, if applicable, auxiliary layers.

WARNING

The following IPC group is not used in the CPC scheme.

Subject matter covered by this group is classified in the following CPC group:

- [G03C 9/08](#) covered by [G03F 7/00](#) S

Guidance heading:**G03C 1/00**

Photosensitive materials (photosensitive materials for multicolour processes [G03C 7/00](#) ; for diffusion transfer processes [G03C 8/00](#) ; photosensitive glass [C03C 4/04](#))

G03C 1/002

- . { containing microcapsules (with photopolymerisable compositions [G03F 7/002](#)) }

G03C 1/005

- . Silver halide emulsions ; Preparation thereof ; Physical treatment thereof ; Incorporation of additives therein (catalytic amounts of silver halide in dry silver systems { or thermographic systems using noble metal compounds } [G03C 1/494](#))

G03C 1/0051

- .. { Tabular grain emulsions }

G03C 1/0053

- ... { with high content of silver chloride }

G03C 1/015

- .. Apparatus or processes for the preparation of emulsions (coating, drying [G03C 1/74](#)) { ([G03C 1/07](#) takes precedence; special processes for tabular grains [G03C 1/0051](#)) }

G03C 1/025

- .. Physical treatment of emulsions, e.g. by ultrasonics, refrigeration, pressure (coating, drying [G03C 1/74](#))

G03C 1/035

- .. characterised by the crystal form or composition, e.g. mixed grain

G03C 1/04

- .. with macromolecular additives ; with layer-forming substances

G03C 1/043

- ... Polyalkylene oxides ; Polyalkylene sulfides ; Polyalkylene selenides ; Polyalkylene tellurides

G03C 1/047

- ... Proteins, e.g. gelatine derivatives ; Hydrolysis or extraction products of proteins

G03C 1/053	...	Polymers obtained by reactions involving only carbon-to-carbon unsaturated bonds, e.g. vinyl polymers
G03C 1/06	..	with non-macromolecular additives (G03C 1/047 takes precedence; { combination of dyes G03C 1/29 })
G03C 1/061	...	{ Hydrazine compounds }
G03C 1/067	...	{ Additives for high contrast images, other than hydrazine compounds }
G03C 1/07	...	Substances influencing grain growth during silver salt formation
G03C 1/08	...	Sensitivity-increasing substances
G03C 1/09	....	Noble metals or mercury ; Salts or compounds thereof ; Sulfur, selenium or tellurium, or compounds thereof, e.g. for chemical sensitising (G03C 1/34 , G03C 1/35 take precedence)
G03C 1/10	....	Organic substances { (G03C 1/061 , G03C 1/067 take precedence) }
G03C 1/102	.....	{ dyes other than methine dyes }
G03C 1/12	.....	Methine and polymethine dyes
G03C 1/122	.....	{ Azacyanines }
G03C 1/125	.....	{ Phosphocyanines }
G03C 1/127	.....	{ the polymethine chain forming part of a carbocyclic ring }
G03C 1/14	.....	with an odd number of CH groups
G03C 1/16	.....	with one CH group
G03C 1/18	.....	with three CH groups
G03C 1/20	.....	with more than three CH groups
G03C 1/22	.....	with an even number of CH groups
G03C 1/24	.....	Styryl dyes
G03C 1/26	.....	Polymethine chain forming part of a heterocyclic ring
G03C 1/28	....	together with supersensitising substances
G03C 1/29	.....	the supersensitising mixture being solely composed of dyes; { Combination of dyes, even if the supersensitising effect is not explicitly disclosed }
G03C 1/295	...	Development accelerators
G03C 1/30	...	Hardeners
G03C 1/301	....	{ Aldehydes or derivatives thereof, e.g. bisulfite addition products }
G03C 1/302	....	{ containing an aziridine ring }
G03C 1/303	....	{ Di- or polysaccharides }
G03C 1/305	....	{ containing a diazine or triazine ring }
G03C 1/306	....	{ containing an oxirane ring }
G03C 1/307	....	{ Macromolecular substances (polysaccharides G03C 1/303) }
G03C 1/31	...	Plasticisers
G03C 1/32	...	Matting agents { see also G03C 1/95 }
G03C 1/33	...	Spot-preventing agents
G03C 1/34	...	Fog-inhibitors ; Stabilisers ; Agents inhibiting latent image regression
G03C 1/346	....	{ Organic derivatives of bivalent sulfur, selenium or tellurium }
G03C 1/35	...	Antiplumming agents, i.e. antibronzing agents ; Toners
G03C 1/355	....	{ Organic derivatives of bivalent sulfur, selenium or tellurium }
G03C 1/36	...	Desensitisers (direct positive emulsions G03C 1/485)

- G03C 1/37 . . . Antiseptic agents
- G03C 1/38 . . . Dispersants ; Agents facilitating spreading
- G03C 1/385 { containing fluorine }
- G03C 1/40 . . . Dyestuffs not covered by the groups [G03C 1/08](#) to [G03C 1/38](#) or [G03C 1/42](#)
- G03C 1/42 . . . Developers or their precursors
- G03C 1/43 . . . Processing agents or their precursors, not covered by groups [G03C 1/07](#) to [G03C 1/42](#)
- G03C 1/46 . . having more than one photosensitive layer { ([G03F 7/0952](#) takes precedence) }
- G03C 1/485 . . Direct positive emulsions
- G03C 1/48515 . . . { prefogged }
- G03C 1/48523 { characterised by the desensitiser }
- G03C 1/4853 { polymethine dyes }
- G03C 1/48538 . . . { non-prefogged, i.e. fogged after imagewise exposure }
- G03C 1/48546 { characterised by the nucleating/fogging agent }
- G03C 1/48553 { the fogging agent only present in the developer }
- G03C 1/48561 { hydrazine compounds }
- G03C 1/48569 { characterised by the emulsion type/grain forms, e.g. tabular grain emulsions }
- G03C 1/48576 { core-shell grain emulsions }
- G03C 1/48584 { spectrally sensitised }
- G03C 1/48592 . . . { Positive image obtained by various effects other than photohole bleaching or internal image desensitisation, e.g. Sabatier, Clayden effect }
- G03C 1/49 . . Print-out and photodevelopable emulsions
- G03C 1/492 . . Photosoluble emulsions
- G03C 1/494 . Silver salt compositions other than silver halide emulsions ; Photothermographic systems { Thermographic systems using noble metal compounds }
- G03C 1/496 . . Binder-free compositions, e.g. evaporated
- G03C 1/4965 . . . { evaporated }
- G03C 1/498 . . Photothermographic systems, e.g. dry silver
- G03C 1/49809 . . . { Organic silver compounds }
- G03C 1/49818 . . . { Silver halides }
- G03C 1/49827 . . . { Reducing agents }
- G03C 1/49836 . . . { Additives }
- G03C 1/49845 { Active additives, e.g. toners, stabilisers, sensitisers }
- G03C 1/49854 { Dyes or precursors of dyes (for diffusion-transfer [G03C 8/10](#) , [G03C 8/4013](#)) }
- G03C 1/49863 { Inert additives, e.g. surfactants, binders }
- G03C 1/49872 . . . { Aspects relating to non-photosensitive layers, e.g. intermediate protective layers }
- G03C 1/49881 . . . { characterised by the process or the apparatus }
- G03C 1/4989 . . . { characterised by a thermal imaging step, with or without exposure to light, e.g. with a thermal head, using a laser }
- G03C 1/50 . Compositions containing noble metal salts other than silver salts, as photosensitive substances { (thermographic systems using noble metal compounds [G03C 1/494](#)) }

- G03C 1/52 . Composition containing diazo compounds as photosensitive substances ([G03C 1/64 takes precedence](#))
- G03C 1/54 . . Diazonium salts or diazo anhydrides
- G03C 1/56 . . Diazo sulfonates
- G03C 1/58 . . Coupling substances therefor
- G03C 1/585 . . . { [Precursors](#) }
- G03C 1/60 . . with macromolecular additives
- G03C 1/61 . . with non-macromolecular additives
- G03C 1/615 . . . { [Substances generating bases](#) }
- G03C 1/62 . . Metal compounds reducible to metal

- G03C 1/64 . Compositions containing iron compounds as photosensitive substances

- G03C 1/66 . Compositions containing chromates as photosensitive substances

- G03C 1/67 . Compositions containing cobalt salts or cobalt compounds as photosensitive substances

- G03C 1/675 . Compositions containing polyhalogenated compounds as photosensitive substances ([for photopolymerisable or photocrosslinkable compositions G03F 7/028](#) , covered by [G03C 1/72](#))

- G03C 1/685 . Compositions containing spiro-condensed pyran compounds or derivatives thereof, as photosensitive substances

- G03C 1/695 . Compositions containing azides as the photosensitive substances ([for photopolymerisable or photocrosslinkable compositions G03F 7/008](#))

- G03C 1/705 . Compositions containing chalcogenides, metals or alloys thereof, as photosensitive substances, e.g. photodope systems ([used as photoresist G03F 7/004](#))

- G03C 1/72 . Photosensitive compositions not covered by the groups [G03C 1/005](#) to [G03C 1/705](#)
- G03C 1/725 . . containing inorganic compounds
- G03C 1/7253 . . . { [Lead salts](#) }
- G03C 1/7256 . . . { [Mercury salts](#) }
- G03C 1/73 . . containing organic compounds
- G03C 1/731 . . . { [Biological compounds](#) }
- G03C 1/732 . . . { [Leuco dyes](#) }
- G03C 1/733 . . . { [with macromolecular compounds as photosensitive substances, e.g. photochromic \(photodegradable or photocrosslinkable compositions G03F 7/004 \)](#) }
- G03C 1/734 . . . { [Tellurium or selenium compounds](#) }
- G03C 1/735 . . . Organo-metallic compounds

- G03C 1/74 . Applying photosensitive compositions to the base ; Drying processes therefor ([G03C 1/496 takes precedence](#))

- G03C 1/76 . Photosensitive materials characterised by the base or auxiliary layers

- G03C 1/7614 .. { Cover layers; Backing layers; Base or auxiliary layers characterised by means for lubricating, for rendering anti-abrasive or for preventing adhesion (characterised by the inert particulate additive [G03C 1/95](#)) }
- G03C 1/7642 .. { the base being of textile or leather ([G03C 11/12](#) takes precedence) }
- G03C 1/765 .. characterised by the shape of the base, e.g. arrangement of perforations, jags
- G03C 1/77 .. the base being of metal
- G03C 1/775 .. the base being of paper
- G03C 1/785 ... translucent
- G03C 1/79 ... Macromolecular coatings or impregnations therefor, e.g. varnishes
- G03C 1/795 .. the base being of macromolecular substances ([G03C 1/775](#) takes precedence)
- G03C 1/7954 ... { Polyesters }
- G03C 1/805 .. characterised by stripping layers or stripping means
- G03C 1/81 .. characterised by anticoiling means
- G03C 1/815 .. characterised by means for filtering or absorbing ultraviolet light, e.g. optical bleaching (for photoprinting [G03C 5/10](#) ; for intensifying X-ray images [G03C 5/17](#))
- G03C 1/8155 ... { Organic compounds therefor }
- G03C 1/825 .. characterised by antireflection means or visible-light filtering means, e.g. antihalation
- G03C 1/8255 ... { Silver or silver compounds therefor }
- G03C 1/83 ... Organic dyestuffs therefor { polymeric dyes [G03C 1/835](#) }
- G03C 1/831 { Azo dyes }
- G03C 1/832 { Methine or polymethine dyes }
- G03C 1/833 { Dyes containing a metal atom }
- G03C 1/835 ... Macromolecular substances therefor, e.g. mordants
- G03C 1/85 .. characterised by antistatic additives or coatings
- G03C 1/853 ... { Inorganic compounds, e.g. metals }
- G03C 1/856 ... { Phosphorus compounds }
- G03C 1/89 ... Macromolecular substances therefor
- G03C 1/895 { Polyalkylene oxides }
- G03C 1/91 .. characterised by subbing layers or subbing means
- G03C 1/915 ... { using mechanical or physical means therefor, e.g. corona }
- G03C 1/93 ... Macromolecular substances therefor
- G03C 1/95 .. rendered opaque or writable, e.g. with inert particulate additives ([G03C 1/775](#) takes precedence)

G03C 3/00 Packages of films for inserting into cameras, e.g. roll-films, film-packs ; Wrapping materials for light-sensitive plates, films or papers, e.g. materials characterised by the use of special dyes, printing inks, adhesives (wrapping materials in general [B65D](#))

G03C 3/003 . { Individual packages for X-ray film, e.g. for dental applications }

G03C 3/02 . Photographic roll-films with paper strips

G03C 5/00 Photographic processes or agents therefor ; Regeneration of such processing agents (multicolour processes or agents therefor [G03C 7/00](#) ; diffusion-transfer processes or agents therefor [G03C 8/00](#) ; stereo-photographic processes [G03C 9/00](#) ;

photomechanical processes [G03F](#))

- G03C 5/02 . Sensitometric processes, e.g. determining sensitivity, colour sensitivity, gradation, graininess, density ; Making sensitometric wedges
- G03C 5/04 . Photo-taking processes
- G03C 5/06 . . Travelling-mask processes
- G03C 5/08 . Photoprinting ([G03C 5/18 takes precedence](#)) ; Processes and means for preventing photoprinting
- G03C 5/10 . . Reflex-printing ; Photoprinting using fluorescent or phosphorescent means
- G03C 5/12 . Cinematographic processes of taking pictures or printing
- G03C 5/14 . . combined with sound-recording ([sound-recording in general G11B](#))
- G03C 5/16 . X-ray, infra-red, or ultra-violet ray processes
- G03C 5/164 . . { [Infra-red processes](#) }
- G03C 5/17 . . using screens to intensify X-ray images ([X-ray conversion screens G21K 4/00](#))
- G03C 5/18 . Diazo-type processes, e.g. thermal development, or agents therefor
- G03C 5/20 . . Reflex-printing
- G03C 5/22 . Direct chromate processes, i.e. without preceding silver picture, or agents therefor
- G03C 5/26 . Processes using silver-salt-containing photosensitive materials or agents therefor ([physical development G03C 5/58](#))
- G03C 5/261 . . { [Non-bath processes, e.g. using pastes, webs, viscous compositions](#) }
- G03C 5/262 . . { [using materials covered by groups G03C 1/42 and G03C 1/43](#) }
- G03C 5/263 . . { [with an exterior influence, e.g. ultrasonics, electrical or thermal means \(G03C 5/262 takes precedence; dry silver systems G03C 1/498 \)](#) }
- G03C 5/264 . . { [Supplying of photographic processing chemicals; Preparation or packaging thereof](#) }
- G03C 5/265 . . . { [of powders, granulates, tablets \(G03C 5/267 takes precedence \)](#) }
- G03C 5/266 . . . { [of solutions or concentrates \(G03C 5/267 takes precedence \)](#) }
- G03C 5/267 . . . { [Packaging; Storage](#) }
- G03C 5/268 . . { [Processing baths not provided for elsewhere, e.g. pre-treatment, stop, intermediate or rinse baths \(colour processing G03C 7/3046 \)](#) }
- G03C 5/28 . . Cinematographic-film processes
- G03C 5/29 . . Development processes or agents therefor ([G03C 5/38](#) , [G03C 5/50 take precedence](#))
- G03C 5/30 . . . Developers
- G03C 5/3014 { [Hydrazine; Hydroxylamine; Urea; Derivatives thereof](#) }
- G03C 5/3021 { [with oxydisable hydroxyl or amine groups linked to an aromatic ring](#) }
- G03C 5/3028 { [Heterocyclic compounds \(G03C 5/3021 takes precedence \)](#) }
- G03C 5/3035 { [containing a diazole ring](#) }
- G03C 5/305 . . . Additives other than developers { ([G03C 5/264 takes precedence](#)) }

- G03C 5/3053 { Tensio-active agents or sequestering agents, e.g. water-softening or wetting agents }
- G03C 5/3056 { Macromolecular additives ([G03C 5/261](#) takes precedence) }
- G03C 5/31 . . . Regeneration ; Replenishers
- G03C 5/315 . . . Tanning development
- G03C 5/32 . . . Latensification ; Densensitisation
- G03C 5/38 . . . Fixing ; Developing-fixing ; Hardening-fixing ([bleach-fixing G03C 5/44](#))
- G03C 5/383 . . . { Developing-fixing, i.e. mono-baths }
- G03C 5/386 . . . { Hardening-fixing }
- G03C 5/39 . . . Stabilising, i.e. fixing without washing out
- G03C 5/395 . . . Regeneration of photographic processing agents other than developers ; Replenishers therefor
- G03C 5/3952 . . . { Chemical, mechanical or thermal methods, e.g. oxidation, precipitation, centrifugation ([microseparation techniques using membranes G03C 5/3956](#)) }
- G03C 5/3954 . . . { Electrical methods, e.g. electrolytic silver recovery, electrodialysis }
- G03C 5/3956 . . . { Microseparation techniques using membranes, e.g. reverse osmosis, ion exchange, resins, active charcoal ([G03C 5/3954](#) takes precedence) }
- G03C 5/3958 . . . { Replenishment processes or compositions, i.e. addition of useful photographic processing agents }
- G03C 5/40 . . . Chemically transforming developed images ([G03C 5/50](#) takes precedence)
- G03C 5/42 . . . Reducing ; Intensifying { [using couplers G03C 7/30](#) }
- G03C 5/44 . . . Bleaching ; Bleach-fixing
- G03C 5/46 . . . Toning
- G03C 5/48 . . . Mordanting
- G03C 5/50 . . . Reversal development ; Contact processes ([G03C 5/315](#) , [G03C 8/00](#) take precedence)
- G03C 5/56 . . . Processes using photosensitive compositions covered by the groups [G03C 1/64](#) to [G03C 1/72](#) or agents therefor ([G03C 5/58](#) takes precedence)
- G03C 5/58 . . . Processes for obtaining metallic images by vapor deposition or physical development ([images obtained by photomechanical means, e.g. by etching G03F](#))
- G03C 5/60 . . . Processes for obtaining vesicular images
- G03C 7/00** **Multicolour photographic processes or agents therefor ; Regeneration of such processing agents ; Photosensitive materials for multicolour processes ([diffusion transfer processes G03C 8/00](#))**
- G03C 7/02 . . . Direct bleach-out processes ; Materials therefor ; Preparing or processing such materials
- G03C 7/04 . . . Additive processes using colour screens ; Materials therefor ; Preparing or processing such materials
- G03C 7/06 . . . Manufacture of colour screens
- G03C 7/08 . . . from diversely-coloured grains irregularly distributed
- G03C 7/10 . . . with regular areas of colour, e.g. bands, lines, dots

- G03C 7/12 by photo-exposure { ([photomechanical production of optical colour artifacts such as colour screens, for purposes other than for additive colour photography G03F 7/0007](#)) }
- G03C 7/14 . Additive processes using lenticular screens ; Materials therefor ; Preparing or processing such materials
- G03C 7/18 . Processes for the correction of the colour image in subtractive colour photography ([using coloured couplers G03C 7/333](#))
- G03C 7/20 . Subtractive colour processes using differently sensitised films, each coated on its own base, e.g. bipacks, tripacks
- G03C 7/22 . Subtractive cinematographic processes ; Materials therefor ; Preparing or processing such materials
- G03C 7/24 . . combined with sound-recording ([sound recording in general G11B](#))
- G03C 7/25 . . Dye-imbibition processes ; Materials therefor ; Preparing or processing such materials
- G03C 7/26 . Silver halide emulsions for subtractive colour processes ([G03C 7/28 to G03C 7/30 take precedence](#))
- G03C 7/28 . Silver dye bleach processes ; Materials therefor ; Preparing or processing such materials
- G03C 7/29 . . Azo dyes therefor
- G03C 7/30 . Colour processes using colour-coupling substances ; Materials therefor ; Preparing or processing such materials
- G03C 7/3003 . . { [Materials characterised by the use of combinations of photographic compounds known as such, or by a particular location in the photographic element](#) }
- G03C 7/3005 . . . { [Combinations of couplers and photographic additives](#) }
- G03C 7/3006 { [Combinations of phenolic or naphtholic couplers and photographic additives](#) }
- G03C 7/3008 { [Combinations of couplers having the coupling site in rings of cyclic compounds and photographic additives](#) }
- G03C 7/301 { [Combinations of couplers having the coupling site in pyrazoloazole rings and photographic additives](#) }
- G03C 7/3012 { [Combinations of couplers having the coupling site in pyrazolone rings and photographic additives](#) }
- G03C 7/3013 { [Combinations of couplers with active methylene groups and photographic additives](#) }
- G03C 7/3017 . . { [with intensification of the image by oxido-reduction](#) }
- G03C 7/3018 . . . { [using cobalt compounds](#) }
- G03C 7/302 . . . { [using peroxides](#) }
- G03C 7/3022 . . { [Materials with specific emulsion characteristics, e.g. thickness of the layers, silver content, shape of AgX grains](#) }
- G03C 7/3029 . . { [Materials characterised by a specific arrangement of layers, e.g. unit layers, or layers having a specific function](#) }
- G03C 7/3041 . . { [Materials with specific sensitometric characteristics, e.g. gamma, density](#) }
- G03C 7/3046 . . { [Processing baths not provided for elsewhere, e.g. final or intermediate washings](#) }

- G03C 7/305 .. Substances liberating photographically active agents, e.g. development-inhibiting releasing couplers ([G03C 7/388 takes precedence](#); { in combination with other additives or included in a specific colour photographic material [G03C 7/3003](#) ; in combination with other couplers [G03C 7/3225](#) })
- G03C 7/30511 ... { characterised by the releasing group }
- G03C 7/30517 { 2-equivalent couplers, i.e. with a substitution on the coupling site being compulsory with the exception of halogen-substitution }
- G03C 7/30523 { Phenols or naphthols couplers }
- G03C 7/30529 { having the coupling site in rings of cyclic compounds }
- G03C 7/30535 { having the coupling site not in rings of cyclic compounds }
- G03C 7/30541 ... { characterised by the released group }
- G03C 7/30547 { Dyes }
- G03C 7/30552 { Mercapto }
- G03C 7/30558 { Heterocyclic group ([G03C 7/30552 takes precedence](#)) }
- G03C 7/30576 ... { characterised by the linking group between the releasing and the released groups, e.g. time-groups }
- G03C 7/30594 ... { Combination of substances liberating photographically active agents }
- G03C 7/32 .. Colour coupling substances ([G03C 7/305](#) , [G03C 7/388 take precedence](#); { in combination with other additives or included in a specific colour photographic material [G03C 7/3003](#) ; two-equivalent couplers [G03C 7/30517](#) })
- G03C 7/3212 ... { Couplers characterised by a group not in coupling site, e.g. ballast group, as far as the coupling rest is not specific }
- G03C 7/3225 ... { Combination of couplers of different kinds, e.g. yellow and magenta couplers in a same layer or in different layers of the photographic material }
- G03C 7/3231 ... { Couplers containing an indazolone ring }
- G03C 7/3244 ... { Couplers forming azinic dyes; Specific developers therefor }
- G03C 7/327 ... Macromolecular coupling substances
- G03C 7/3275 { Polymers obtained by reactions involving only carbon-to-carbon unsaturated bonds, e.g. vinyl polymers }
- G03C 7/333 ... Coloured coupling substances, e.g. for the correction of the coloured image
- G03C 7/3335 { containing an azo chromophore }
- G03C 7/34 ... Couplers containing phenols ([G03C 7/327](#) , [G03C 7/333 take precedence](#))
- G03C 7/342 { Combination of phenolic or naphtholic couplers }
- G03C 7/344 { Naphtholic couplers }
- G03C 7/346 { Phenolic couplers }
- G03C 7/36 ... Couplers containing compounds with active methylene groups ([G03C 7/327](#) , [G03C 7/333 take precedence](#))
- G03C 7/362 { Benzoyl-acetanilide couplers }
- G03C 7/365 { Combination of couplers }
- G03C 7/367 { Pyvaloyl-acetanilide couplers }
- G03C 7/38 in rings
- G03C 7/3805 { Combination of couplers }
- G03C 7/381 { Heterocyclic compounds ([G03C 7/384 takes precedence](#)) }
- G03C 7/3815 { with one heterocyclic ring }
- G03C 7/382 { with two heterocyclic rings }

G03C 7/3825	.....	{ the nuclei containing only nitrogen as hetero atoms }
G03C 7/383	.....	{ three nitrogen atoms }
G03C 7/3835	.....	{ four nitrogen atoms }
G03C 7/384	.....	in pyrazolone rings
G03C 7/388	..	Processes for the incorporation in the emulsion of substances liberating photographically active agents or colour-coupling substances ; Solvents therefor { (incorporation of additives other than couplers G03C 1/005) }
G03C 7/3882	...	{ characterised by the use of a specific polymer or latex }
G03C 7/3885	...	{ characterised by the use of a specific solvent }
G03C 7/392	..	Additives (G03C 7/30 to G03C 7/32 take precedence)
G03C 7/39204	...	{ Inorganic compounds }
G03C 7/39208	...	{ Organic compounds (macromolecular additives G03C 7/396) }
G03C 7/39212	....	{ Carbocyclic }
G03C 7/39216	.....	{ with OH groups }
G03C 7/39224	....	{ with a nitrogen-containing function }
G03C 7/39228	....	{ with a sulfur-containing function }
G03C 7/39232	....	{ with an oxygen-containing function (G03C 7/39216 takes precedence) }
G03C 7/39236	....	{ with a function having at least two elements among nitrogen, sulfur or oxygen (G03C 7/39216 takes precedence) }
G03C 7/3924	....	{ Heterocyclic }
G03C 7/39244	.....	{ the nucleus containing only nitrogen as hetero atoms }
G03C 7/39248	.....	{ one nitrogen atom }
G03C 7/39252	.....	{ two nitrogen atoms }
G03C 7/39256	.....	{ three nitrogen atoms }
G03C 7/3926	.....	{ four or more nitrogen atoms }
G03C 7/39264	.....	{ the nucleus containing only sulfur as hetero atoms }
G03C 7/39268	.....	{ the nucleus containing only oxygen as hetero atoms }
G03C 7/39272	.....	{ the nucleus containing nitrogen and oxygen }
G03C 7/39276	.....	{ the nucleus containing nitrogen and sulfur }
G03C 7/3928	....	{ Spiro-condensed }
G03C 7/39284	....	{ Metallic complexes }
G03C 7/39288	....	{ containing phosphorus or silicon }
G03C 7/39292	....	{ Dyes (G03C 1/12 , G03C 1/83 take precedence) }
G03C 7/39296	...	{ Combination of additives (combination with couplers G03C 7/3003) }
G03C 7/396	...	Macromolecular additives { (G03C 7/388 takes precedence) }
G03C 7/407	..	Development processes or agents therefor { G03C 7/3244 takes precedence }
G03C 7/413	...	Developers
G03C 7/4136	....	{ p-Phenylenediamine or derivatives thereof }
G03C 7/42	..	Bleach-fixing or agents therefor { Desilvering processes }
G03C 7/421	...	{ Additives other than bleaching or fixing agents }
G03C 7/44	..	Regeneration ; Replenishers
G03C 7/46	.	Subtractive processes not covered by the group G03C 7/26 ; Materials therefor ; Preparing or processing such materials

G03C 8/00	Diffusion transfer processes or agents therefor ; Photosensitive materials for such processes
G03C 8/02	. Photosensitive materials characterised by the image-forming section
G03C 8/04	.. the substances transferred by diffusion consisting of inorganic or organo-metallic compounds derived from photosensitive noble metals
G03C 8/045	... { with the formation of a subtractive dye image }
G03C 8/06	... Silver salt diffusion transfer
G03C 8/08	.. the substances transferred by diffusion consisting of organic compounds (G03C 8/04 takes precedence)
G03C 8/10	... of dyes or their precursors
G03C 8/12	.... characterised by the releasing mechanism
G03C 8/14	..... oxidation of the chromogenic substances
G03C 8/16	..... initially diffusible in alkaline environment
G03C 8/18	..... Dye developers
G03C 8/20	..... initially non-diffusible in alkaline environment
G03C 8/22	..... Reduction of the chromogenic substance
G03C 8/24	. Photosensitive materials characterised by the image-receiving section
G03C 8/243	.. { Toners for the silver image }
G03C 8/246	.. { Non-macromolecular agents inhibiting image regression or formation of ghost images }
G03C 8/26	.. Image-receiving layers (G03C 8/52 takes precedence)
G03C 8/28	... containing development nuclei or compounds forming such nuclei
G03C 8/30	. Additive processes using colour screens ; Materials therefor ; Preparing or processing such materials
G03C 8/32	. Development processes or agents therefor (G03C 8/18 takes precedence)
G03C 8/34	.. Containers for the agents (G03C 8/48 , G03B 17/50 take precedence)
G03C 8/36	.. Developers
G03C 8/365	... { containing silver-halide solvents }
G03C 8/38	... containing viscosity increasing substances
G03C 8/40	. Development by heat { Photo-thermographic processes }
G03C 8/4006	.. { using materials covered by the groups G03C 8/04 to G03C 8/06 }
G03C 8/4013	.. { using photothermographic silver salt systems, e.g. dry silver (G03C 1/4989 takes precedence) }
G03C 8/402	... { Transfer solvents therefor }
G03C 8/4033	... { Transferable dyes or precursors }
G03C 8/404	... { Photosensitive layers (G03C 1/498 takes precedence) }
G03C 8/4046	... { Non-photosensitive layers }
G03C 8/4053	.... { Intermediate layers }
G03C 8/406	.... { Covering or backing layers }
G03C 8/4066	.... { Receiving layers }

- G03C 8/4073 { Supports }
- G03C 8/408 . . . { Additives or processing agents not provided for in groups [G03C 8/402](#) to [G03C 8/4046](#) }
- G03C 8/4086 { Base precursors }
- G03C 8/4093 . . . { characterised by the apparatus used }

- G03C 8/42 . . Structural details
- G03C 8/423 . . { for obtaining security documents, e.g. identification cards }
- G03C 8/426 . . { Structures with micro-capsules }
- G03C 8/44 . . Integral units, i.e. the image-forming section not being separated from the image-receiving section
- G03C 8/46 . . . characterised by the trapping means or gas releasing means
- G03C 8/48 . . . characterised by substances used for masking the image-forming section
- G03C 8/50 . . Peel-apart units, i.e. the image-forming section being separated from the image-receiving section
- G03C 8/52 . . Bases or auxiliary layers ; Substances therefor
- G03C 8/54 . . . Timing layers
- G03C 8/56 . . . Mordant layers

G03C 9/00 Stereo-photographic or similar processes

- G03C 9/02 . . parallax-stereogram
- G03C 9/04 . . vectographic-image
- G03C 9/06 . . Anaglyph

G03C 11/00 Auxiliary processes in photography (characterised by the apparatus used [G03D 15/00](#))

- G03C 11/005 . . { Cleaning photographic processing and manufacturing apparatus }
- G03C 11/02 . . Marking or applying text
- G03C 11/04 . . Retouching
- G03C 11/06 . . Smoothing ; Renovating ; Roughening ; Matting ; Cleaning ; Lubricating ; Flame-retardant treatments
- G03C 11/08 . . Varnishing, e.g. application of protective layers on finished photographic prints
- G03C 11/10 . . . for protection from ultra-violet light
- G03C 11/12 . . Stripping or transferring intact photographic layers
- G03C 11/14 . . Pasting ; Mounting
- G03C 11/16 . . Drying
- G03C 11/18 . . Colouring

- G03C 11/20 . . with powdered or molten colours
- G03C 11/22 . Preparing plates or films for the manufacture of photographic negatives by non-photographic processes
- G03C 11/24 . Removing emulsion from waste photographic material ; Recovery of photosensitive { or other } substances ([electrolytic recovery of metals C25C 1/00](#))

Guidance heading:

- G03C 2001/00** **Photosensitive materials** ([photosensitive materials for multicolour processes G03C 7/00](#) ; for diffusion transfer processes [G03C 8/00](#) ; photosensitive glass [C03C 4/04](#))
- G03C 2001/005 . Silver halide emulsions ; Preparation thereof ; Physical treatment thereof ; Incorporation of additives therein ([catalytic amounts of silver halide in dry silver systems { or thermographic systems using noble metal compounds } G03C 1/494](#))
 - G03C 2001/0051 . . { [Tabular grain emulsions](#) }
 - G03C 2001/0055 . . . Aspect ratio of tabular grains in general ; High aspect ratio ; Intermediate aspect ratio ; Low aspect ratio
 - G03C 2001/0056 . . . Dislocations
 - G03C 2001/0058 . . . Twinned crystal
 - G03C 2001/015 . . Apparatus or processes for the preparation of emulsions ([coating, drying G03C 1/74](#)) { ([G03C 1/07](#) takes precedence; special processes for tabular grains [G03C 1/0051](#)) }
 - G03C 2001/0151 . . . Double jet precipitation
 - G03C 2001/0152 . . . Desalting
 - G03C 2001/0153 . . . Fine grain feeding method
 - G03C 2001/0155 . . . Flocculation
 - G03C 2001/0156 . . . pAg value ; pBr value ; pCl value ; pI value
 - G03C 2001/0157 . . . Ultrafiltration
 - G03C 2001/0158 . . . Washing of emulsions
 - G03C 2001/025 . . Physical treatment of emulsions, e.g. by ultrasonics, refrigeration, pressure ([coating, drying G03C 1/74](#))
 - G03C 2001/0252 . . . Electric power or field
 - G03C 2001/0255 . . . Refrigeration
 - G03C 2001/0257 . . . Ultrasonic
 - G03C 2001/035 . . characterised by the crystal form or composition, e.g. mixed grain
 - G03C 2001/03505 . . . Shape of the grains
 - G03C 2001/03511 . . . Bromide content
 - G03C 2001/03517 . . . Chloride content
 - G03C 2001/03523 . . . Converted grains
 - G03C 2001/03529 . . . Coefficient of variation
 - G03C 2001/03535 . . . Core-shell grains
 - G03C 2001/03541 . . . Cubic grains
 - G03C 2001/03547 . . . Cubooctahedral grains

G03C 2001/03552	...	Epitaxial junction grains ; Protrusions or protruded grains
G03C 2001/03558	...	Iodide content
G03C 2001/03564	...	Mixed grains or mixture of emulsions
G03C 2001/0357	...	Monodisperse emulsion
G03C 2001/03576	...	Containing no iodide
G03C 2001/03582	...	Octahedral grains
G03C 2001/03588	...	Polydisperse emulsion
G03C 2001/03594	...	Size of the grains
G03C 2001/04	..	with macromolecular additives ; with layer-forming substances
G03C 2001/041	...	Binder
G03C 2001/042	...	Natural polymer
G03C 2001/047	...	Proteins, e.g. gelatine derivatives ; Hydrolysis or extraction products of proteins
G03C 2001/0471	....	Isoelectric point of gelatine
G03C 2001/0473	....	Low molecular weight gelatine
G03C 2001/0475	....	Gelatine characteristics
G03C 2001/0476	....	Swelling of gelatine
G03C 2001/0478	....	Oxidising agent
G03C 2001/06	..	with non-macromolecular additives (G03C 1/047 takes precedence; { combination of dyes G03C 1/29 })
G03C 2001/061	...	{ Hydrazine compounds }
G03C 2001/062	....	Hydrazine derivative
G03C 2001/064	....	Nitro compounds
G03C 2001/065	....	Quaternary ammonium compound-substituent
G03C 2001/067	...	{ Additives for high contrast images, other than hydrazine compounds }
G03C 2001/068	....	Onium compounds
G03C 2001/07	...	Substances influencing grain growth during silver salt formation
G03C 2001/073	....	Grain growth modifier
G03C 2001/076	....	Silver halide solvent
G03C 2001/08	...	Sensitivity-increasing substances
G03C 2001/0809	....	Chemical sensitiser
G03C 2001/0818	....	Calcium ion content or calcium compound
G03C 2001/0827	....	Cobalt
G03C 2001/0836	....	Copper compounds
G03C 2001/0845	....	Iron compounds
G03C 2001/0854	....	Indium
G03C 2001/0863	....	Group VIII metal compound
G03C 2001/0872	....	Metal dopant -added during precipitation
G03C 2001/0881	....	Metal complex
G03C 2001/089	....	Cyano complexes or compounds
G03C 2001/09	....	Noble metals or mercury ; Salts or compounds thereof ; Sulfur, selenium or tellurium, or compounds thereof, e.g. for chemical sensitising (G03C 1/34 , G03C 1/35 take precedence)
G03C 2001/091	.....	Gold

G03C 2001/092	.....	Mercury
G03C 2001/093	.....	Iridium
G03C 2001/094	.....	Rhodium
G03C 2001/095	.....	Disulfide or dichalcogenide compound
G03C 2001/096	.....	Sulphur sensitiser
G03C 2001/097	.....	Selenium
G03C 2001/098	.....	Tellurium
G03C 2001/10	....	Organic substances { (G03C 1/061 , G03C 1/067 take precedence) }
G03C 2001/104	.....	Fogging agent or process
G03C 2001/106	.....	Reduction sensitisation or reduction sensitiser
G03C 2001/108	.....	Nucleation accelerating compound
G03C 2001/30	...	Hardeners
G03C 2001/308	....	Vinyl sulfone hardener
G03C 2001/34	...	Fog-inhibitors ; Stabilisers ; Agents inhibiting latent image regression
G03C 2001/341	....	Antifoggant
G03C 2001/343	....	Benzotriazole
G03C 2001/345	....	Stabiliser
G03C 2001/348	....	Tetrazaindene
G03C 2001/42	...	Developers or their precursors
G03C 2001/425	....	Incorporated developer
G03C 2001/485	..	Direct positive emulsions
G03C 2001/48507	...	Internal latent image
G03C 2001/74	.	Applying photosensitive compositions to the base ; Drying processes therefor (G03C 1/496 takes precedence)
G03C 2001/7403	..	Air jets
G03C 2001/7407	..	Specific angles in extrusion head-slide hopper
G03C 2001/7411	..	Beads or bead coating
G03C 2001/7414	..	Bending support to prevent coating of borders
G03C 2001/7418	..	Backup roll
G03C 2001/7422	..	Blowing means
G03C 2001/7425	..	Coating on both sides
G03C 2001/7429	..	Cleaning means
G03C 2001/7433	..	Curtain coating
G03C 2001/7437	..	Degassing means
G03C 2001/744	..	Delivering means for slide hopper
G03C 2001/7444	..	Dip coating
G03C 2001/7448	..	Dispersion
G03C 2001/7451	..	Drying conditions
G03C 2001/7455	..	Edge bead nonuniformity coated at the border
G03C 2001/7459	..	Extrusion coating
G03C 2001/7462	..	Flowing conditions in slots prior to coating
G03C 2001/7466	..	Geometry and shape of application devices

- G03C 2001/747 . . Lateral edge guiding means for curtain coating
- G03C 2001/7474 . . Impingement conditions curtain onto support
- G03C 2001/7477 . . Lip detail or shape in hopper or extrusion head
- G03C 2001/7481 . . Coating simultaneously multiple layers
- G03C 2001/7485 . . Shielding means against air disturbances
- G03C 2001/7488 . . Sliding layers or means
- G03C 2001/7492 . . Slide hopper for head or curtain coating
- G03C 2001/7496 . . Viscosity range

- G03C 2001/76 . . Photosensitive materials characterised by the base or auxiliary layers
- G03C 2001/7607 . . Support or base
- G03C 2001/7614 . . { Cover layers; Backing layers; Base or auxiliary layers characterised by means for lubricating, for rendering anti-abrasive or for preventing adhesion (characterised by the inert particulate additive [G03C 1/95](#)) }

- G03C 2001/7621 Antiabrasion
- G03C 2001/7628 Back layer
- G03C 2001/7635 Protective layer
- G03C 2001/795 . . the base being of macromolecular substances ([G03C 1/775](#) takes precedence)
- G03C 2001/7952 Cellulose ester
- G03C 2001/7954 { Polyesters }
- G03C 2001/7956 Polyethylene naphthalate
- G03C 2001/7958 Polyethylene terephthalate

- G03C 2003/00** **Packages of films for inserting into cameras, e.g. roll-films, film-packs ; Wrapping materials for light-sensitive plates, films or papers, e.g. materials characterised by the use of special dyes, printing inks, adhesives (wrapping materials in general [B65D](#))**

- G03C 2003/006 . . Film with lens-disposable camera

- G03C 2005/00** **Photographic processes or agents therefor ; Regeneration of such processing agents (multicolour processes or agents therefor [G03C 7/00](#) ; diffusion-transfer processes or agents therefor [G03C 8/00](#) ; stereo-photographic processes [G03C 9/00](#) ; photomechanical processes [G03F](#))**

- G03C 2005/04 . . Photo-taking processes
- G03C 2005/045 . . Scanning exposure

- G03C 2005/16 . . X-ray, infra-red, or ultra-violet ray processes
- G03C 2005/162 . . Roomlight material-bright room type material
- G03C 2005/166 . . Ultraviolet sensitive material or UV exposure
- G03C 2005/168 . . X-ray material or process

- G03C 2005/26 . . Processes using silver-salt-containing photosensitive materials or agents therefor ([physical development G03C 5/58](#))
- G03C 2005/29 . . Development processes or agents therefor ([G03C 5/38](#) , [G03C 5/50](#) take precedence)

G03C 2005/30	...	Developers
G03C 2005/3007	....	Ascorbic acid
G03C 2005/3028	....	{ Heterocyclic compounds (G03C 5/3021 takes precedence) }
G03C 2005/3035	.....	{ containing a diazole ring }
G03C 2005/3042	.....	Phenidone and analogues
G03C 2007/00		Multicolour photographic processes or agents therefor ; Regeneration of such processing agents ; Photosensitive materials for multicolour processes (diffusion transfer processes G03C 8/00)
G03C 2007/30	.	Colour processes using colour-coupling substances ; Materials therefor ; Preparing or processing such materials
G03C 2007/3001	..	Panchromatic
G03C 2007/3003	..	{ Materials characterised by the use of combinations of photographic compounds known as such, or by a particular location in the photographic element }
G03C 2007/3015	...	False colour system
G03C 2007/3022	..	{ Materials with specific emulsion characteristics, e.g. thickness of the layers, silver content, shape of AgX grains }
G03C 2007/3024	...	Ratio silver to coupler
G03C 2007/3025	...	Silver content
G03C 2007/3027	...	Thickness of a layer
G03C 2007/3029	..	{ Materials characterised by a specific arrangement of layers, e.g. unit layers, or layers having a specific function }
G03C 2007/3031	...	Interimage effect
G03C 2007/3032	...	Non-sensitive AgX or layer containing it
G03C 2007/3034	...	Unit layer
G03C 2007/3036	...	Single layer constitution
G03C 2007/3037	...	At least three unit layers
G03C 2007/3039	...	Yellow filter
G03C 2007/3041	..	{ Materials with specific sensitometric characteristics, e.g. gamma, density }
G03C 2007/3043	...	Original suitable to be scanned
G03C 2007/3044	...	Density
G03C 2007/3046	..	{ Processing baths not provided for elsewhere, e.g. final or intermediate washings }
G03C 2007/3048	...	Stabilisation
G03C 2007/305	..	Substances liberating photographically active agents, e.g. development-inhibiting releasing couplers (G03C 7/388 takes precedence; { in combination with other additives or included in a specific colour photographic material G03C 7/3003 ; in combination with other couplers G03C 7/3225 })
G03C 2007/30505	...	Photographic useful group
G03C 2007/30541	...	{ characterised by the released group }
G03C 2007/30564	....	Development inhibitor releasing
G03C 2007/3057	....	Developing agent releasing compound
G03C 2007/30576	...	{ characterised by the linking group between the releasing and the released groups, e.g. time-groups }
G03C 2007/30582	....	Linking group

G03C 2007/30588	....	Timing group
G03C 2007/32	..	Colour coupling substances (G03C 7/305 , G03C 7/388 take precedence; { in combination with other additives or included in a specific colour photographic material G03C 7/3003 ; two-equivalent couplers G03C 7/30517 })
G03C 2007/3206	...	Concurrent coupler
G03C 2007/3212	...	{ Couplers characterised by a group not in coupling site, e.g. ballast group, as far as the coupling rest is not specific }
G03C 2007/3219	....	Ballast group
G03C 2007/3238	...	Coupler activity
G03C 2007/325	...	One-equivalent coupler
G03C 2007/3257	...	Two-equivalent coupler
G03C 2007/3263	...	Four-equivalent coupler
G03C 2007/34	...	Couplers containing phenols (G03C 7/327 , G03C 7/333 take precedence)
G03C 2007/346	....	{ Phenolic couplers }
G03C 2007/348	.....	Ureido coupler
G03C 2007/388	..	Processes for the incorporation in the emulsion of substances liberating photographically active agents or colour-coupling substances ; Solvents therefor { (incorporation of additives other than couplers G03C 1/005) }
G03C 2007/3885	...	{ characterised by the use of a specific solvent }
G03C 2007/3887	....	High-boiling solvent
G03C 2007/392	..	Additives (G03C 7/30 to G03C 7/32 take precedence)
G03C 2007/39208	...	{ Organic compounds (macromolecular additives G03C 7/396) }
G03C 2007/39212	....	{ Carbocyclic }
G03C 2007/39216	.....	{ with OH groups }
G03C 2007/3922	.....	Bisphenol compound
G03C 2007/407	..	Development processes or agents therefor { G03C 7/3244 takes precedence }
G03C 2007/413	...	Developers
G03C 2007/4133	....	No benzyl alcohol
G03C 2007/42	..	Bleach-fixing or agents therefor { Desilvering processes }
G03C 2007/421	...	{ Additives other than bleaching or fixing agents }
G03C 2007/422	....	Bleach accelerator
G03C 2007/424	....	Chelating agent
G03C 2007/425	...	Bleach-fixing
G03C 2007/427	...	Bleaching
G03C 2007/428	...	Fixing
G03C 2008/00		Diffusion transfer processes or agents therefor ; Photosensitive materials for such processes
G03C 2008/40	.	Development by heat { Photo-thermographic processes }
G03C 2008/4013	..	{ using photothermographic silver salt systems, e.g. dry silver (G03C 1/4989 takes precedence) }
G03C 2008/402	...	{ Transfer solvents therefor }
G03C 2008/4026	....	Heat solvent ; Thermal solvent

- G03C 2008/42 . Structural details
- G03C 2008/52 . . Bases or auxiliary layers ; Substances therefor
- G03C 2008/525 . . . Neutralisation solution or means

G03C 2009/00 Stereo-photographic or similar processes

- G03C 2009/08 . Producing three-dimensional images

Guidance heading:

G03C 2200/00 Details (not used)

- G03C 2200/01 . 100 crystal face
- G03C 2200/02 . 110 crystal face
- G03C 2200/03 . 111 crystal face
- G03C 2200/04 . Adsorbent
- G03C 2200/05 . Auxiliary or superadditive developer
- G03C 2200/06 . Additive
- G03C 2200/07 . Anti-fading
- G03C 2200/08 . Anti-sticking
- G03C 2200/09 . Apparatus
- G03C 2200/10 . Advanced photographic system
- G03C 2200/11 . Blue-sensitive layer
- G03C 2200/12 . Blue high-sensitive layer
- G03C 2200/13 . Blue low-sensitive layer
- G03C 2200/14 . Blue medium-sensitive layer
- G03C 2200/15 . Buffer
- G03C 2200/16 . Black-and-white material
- G03C 2200/17 . Cellulose acetate
- G03C 2200/18 . Conditioning
- G03C 2200/19 . Colour negative

G03C 2200/20	. Colour paper
G03C 2200/21	. Developer or developing
G03C 2200/22	. Dye or dye precursor
G03C 2200/23	. Filter dye
G03C 2200/24	. Fragmentable electron donating sensitiser
G03C 2200/25	. Filter layer
G03C 2200/26	. Gamma
G03C 2200/27	. Gelatine content
G03C 2200/28	. Gelatine-silver ratio
G03C 2200/29	. Green-sensitive layer
G03C 2200/30	. Green high-sensitive layer
G03C 2200/31	. Green low-sensitive layer
G03C 2200/32	. Green medium-sensitive layer
G03C 2200/33	. Heterocyclic
G03C 2200/34	. Hydroquinone
G03C 2200/35	. Intermediate layer
G03C 2200/36	. Latex
G03C 2200/37	. Leuco dye
G03C 2200/38	. Lippmann (fine grain) emulsion
G03C 2200/39	. Laser exposure
G03C 2200/40	. Mercapto compound
G03C 2200/41	. Movie
G03C 2200/42	. Mixtures in general
G03C 2200/43	. Process
G03C 2200/44	. pH value
G03C 2200/45	. Polyhydroxybenzene

G03C 2200/46	. pKa value
G03C 2200/47	. Polymer
G03C 2200/48	. Polyoxyethylene
G03C 2200/49	. Pressure means or conditions
G03C 2200/50	. Polyvinyl alcohol
G03C 2200/51	. Polyvinyl chloride
G03C 2200/52	. Rapid processing
G03C 2200/53	. Red-sensitive layer
G03C 2200/54	. Red high-sensitive layer
G03C 2200/55	. Red low-sensitive layer
G03C 2200/56	. Red medium-sensitive layer
G03C 2200/57	. Replenishment rate or conditions
G03C 2200/58	. Sensitometric characteristics
G03C 2200/59	. R-SO ₂ SM compound
G03C 2200/60	. Temperature