

**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 7/0037](#)

**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 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 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 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 1/025	..	Physical treatment of emulsions, e.g. by ultrasonics, refrigeration, pressure (coating, drying <a href="#">G03C 1/74</a> )
G03C 2001/0252	...	{Electric power or field}
G03C 2001/0255	...	{Refrigeration}
G03C 2001/0257	...	{Ultrasonic}
G03C 1/035	..	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 1/04	..	with macromolecular additives; with layer-forming substances
G03C 2001/041	...	{Binder}
G03C 2001/042	...	{Natural polymer}
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 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 1/053	...	Polymers obtained by reactions involving only carbon-to-carbon unsaturated bonds, e.g. vinyl polymers

G03C 1/06	..	with non-macromolecular additives ( <a href="#">G03C 1/047</a> takes precedence; { combination of dyes <a href="#">G03C 1/29</a> })
G03C 1/061	...	{Hydrazine compounds}
G03C 2001/062	....	{Hydrazine derivative}
G03C 2001/064	....	{Nitro compounds}
G03C 2001/065	....	{Quaternary ammonium compound-substituent}
G03C 1/067	...	{Additives for high contrast images, other than hydrazine compounds}
G03C 2001/068	....	{Onium compounds}
G03C 1/07	...	Substances influencing grain growth during silver salt formation
G03C 2001/073	....	{Grain growth modifier}
G03C 2001/076	....	{Silver halide solvent}
G03C 1/08	...	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 1/09	....	Noble metals or mercury; Salts or compounds thereof; Sulfur, selenium or tellurium, or compounds thereof, e.g. for chemical sensitising ( <a href="#">G03C 1/34</a> , <a href="#">G03C 1/35</a> 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 1/10	....	Organic substances {( <a href="#">G03C 1/061</a> , <a href="#">G03C 1/067</a> take precedence)}
G03C 1/102	.....	{dyes other than methine dyes}
G03C 2001/104	.....	{Fogging agent or process}
G03C 2001/106	.....	{Reduction sensitisation or reduction sensitiser}
G03C 2001/108	.....	{Nucleation accelerating compound}
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 <a href="#">G03C 1/303</a> )}
G03C 2001/308	....	{Vinyl sulfone hardener}
G03C 1/31	...	Plasticisers
G03C 1/32	...	Matting agents{ see also <a href="#">G03C 1/95</a> }
G03C 1/33	...	Spot-preventing agents
G03C 1/34	...	Fog-inhibitors; Stabilisers; Agents inhibiting latent image regression
G03C 2001/341	....	{Antifoggant}
G03C 2001/343	....	{Benzotriazole}
G03C 2001/345	....	{Stabiliser}
G03C 1/346	....	{Organic derivatives of bivalent sulfur, selenium or tellurium}
G03C 2001/348	....	{Tetrazaindene}
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 <a href="#">G03C 1/485</a> )
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 <a href="#">G03C 1/08</a> to <a href="#">G03C 1/38</a> or <a href="#">G03C 1/42</a>
G03C 1/42	...	Developers or their precursors
G03C 2001/425	....	{Incorporated developer}
G03C 1/43	...	Processing agents or their precursors, not covered by groups <a href="#">G03C 1/07</a> to <a href="#">G03C 1/42</a>

- G03C 1/46 .. having more than one photosensitive layer {(G03F 7/0952 takes precedence)}
- G03C 1/485 .. Direct positive emulsions
- G03C 2001/48507 ... {Internal latent image}
- 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 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 1/76	.	Photosensitive materials characterised by the base or auxiliary layers
G03C 2001/7607	..	{Support or base}
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 <a href="#">G03C 1/95</a> )}
G03C 2001/7621	...	{Antiabrasion}
G03C 2001/7628	...	{Back layer}
G03C 2001/7635	...	{Protective layer}
G03C 1/7642	..	{the base being of textile or leather ( <a href="#">G03C 11/12</a> 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 ( <a href="#">G03C 1/775</a> takes precedence)
G03C 2001/7952	...	{Cellulose ester}
G03C 1/7954	...	{Polyesters}
G03C 2001/7956	....	{Polyethylene naphthalate}
G03C 2001/7958	....	{Polyethylene terephthalate}
G03C 1/805	..	characterised by stripping layers or stripping means
G03C 1/81	..	characterised by anticoining means
G03C 1/815	..	characterised by means for filtering or absorbing ultraviolet light, e.g. optical bleaching (for photoprinting <a href="#">G03C 5/10</a> ; for intensifying X-ray images <a href="#">G03C 5/17</a> )
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 2003/006 . {Film with lens-disposable camera}
- 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 2005/045 . . {Scanning exposure}
- 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 2005/162 . . {Roomlight material-bright room type material}
- G03C 5/164 . . {Infra-red processes}



- G03C 2005/166     ..     {Ultraviolet sensitive material or UV exposure}
- G03C 2005/168     ..     {X-ray material or process}
- 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 2005/3007     ....     {Ascorbic acid}
- 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 2005/3042     .....     {Phenidone and analogues}
- 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 2007/3001	..	{Panchromatic}
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 2007/3015	...	{False colour system}
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 2007/3024	...	{Ratio silver to coupler}
G03C 2007/3025	...	{Silver content}
G03C 2007/3027	...	{Thickness of a layer}
G03C 7/3029	..	{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 7/3041	..	{Materials with specific sensitometric characteristics, e.g. gamma, density}
G03C 2007/3043	...	{Original suitable to be scanned}
G03C 2007/3044	...	{Density}
G03C 7/3046	..	{Processing baths not provided for elsewhere, e.g. final or intermediate washings}
G03C 2007/3048	...	{Stabilisation}

G03C 7/305	..	Substances liberating photographically active agents, e.g. development-inhibiting releasing couplers ( <a href="#">G03C 7/388</a> takes precedence; { in combination with other additives or included in a specific colour photographic material <a href="#">G03C 7/3003</a> ; in combination with other couplers <a href="#">G03C 7/3225</a> })
G03C 2007/30505	...	{Photographic useful group}
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 ( <a href="#">G03C 7/30552</a> takes precedence)}
G03C 2007/30564	....	{Development inhibitor releasing}
G03C 2007/3057	....	{Developing agent releasing compound}
G03C 7/30576	...	{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 7/30594	...	{Combination of substances liberating photographically active agents}
G03C 7/32	..	Colour coupling substances ( <a href="#">G03C 7/305</a> , <a href="#">G03C 7/388</a> take precedence; { in combination with other additives or included in a specific colour photographic material <a href="#">G03C 7/3003</a> ; two-equivalent couplers <a href="#">G03C 7/30517</a> })
G03C 2007/3206	...	{Concurrent coupler}
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 2007/3219	....	{Ballast group}
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 2007/3238	...	{Coupler activity}
G03C 7/3244	...	{Couplers forming azinic dyes; Specific developers therefor}
G03C 2007/325	...	{One-equivalent coupler}
G03C 2007/3257	...	{Two-equivalent coupler}
G03C 2007/3263	...	{Four-equivalent coupler}
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 ( <a href="#">G03C 7/327</a> , <a href="#">G03C 7/333</a> take precedence)

G03C 7/342	....	{Combination of phenolic or naphtholic couplers}
G03C 7/344	....	{Naphtholic couplers}
G03C 7/346	....	{Phenolic couplers}
G03C 2007/348	.....	{Ureido coupler}
G03C 7/36	...	Couplers containing compounds with active methylene groups ( <a href="#">G03C 7/327</a> , <a href="#">G03C 7/333</a> 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 ( <a href="#">G03C 7/384</a> 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 <a href="#">G03C 1/005</a> )}
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 2007/3887	....	{High-boiling solvent}
G03C 7/392	..	Additives ( <a href="#">G03C 7/30</a> to <a href="#">G03C 7/32</a> take precedence)
G03C 7/39204	...	{Inorganic compounds}
G03C 7/39208	...	{Organic compounds (macromolecular additives <a href="#">G03C 7/396</a> )}
G03C 7/39212	....	{Carbocyclic}
G03C 7/39216	.....	{with OH groups}
G03C 2007/3922	.....	{Bisphenol compound}
G03C 7/39224	....	{with a nitrogen-containing function}
G03C 7/39228	....	{with a sulfur-containing function}
G03C 7/39232	....	{with an oxygen-containing function ( <a href="#">G03C 7/39216</a> takes precedence)}
G03C 7/39236	....	{with a function having at least two elements among nitrogen, sulfur or oxygen ( <a href="#">G03C 7/39216</a> 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 ( <a href="#">G03C 1/12</a> , <a href="#">G03C 1/83</a> take precedence)}
G03C 7/39296	...	{Combination of additives (combination with couplers <a href="#">G03C 7/3003</a> )}
G03C 7/396	...	Macromolecular additives {( <a href="#">G03C 7/388</a> takes precedence)}
G03C 7/407	..	Development processes or agents therefor{ <a href="#">G03C 7/3244</a> takes precedence}
G03C 7/413	...	Developers
G03C 2007/4133	....	{No benzyl alcohol}
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 2007/422	....	{Bleach accelerator}
G03C 2007/424	....	{Chelating agent}
G03C 2007/425	...	{Bleach-fixing}
G03C 2007/427	...	{Bleaching}
G03C 2007/428	...	{Fixing}
G03C 7/44	..	Regeneration; Replenishers
G03C 7/46	.	Subtractive processes not covered by the group <a href="#">G03C 7/26</a> ; 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 ( <a href="#">G03C 8/04</a> 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 2008/4026 .... {Heat solvent; Thermal solvent}
- 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 2008/525 ... {Neutralisation solution or means}
- 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 2009/08 . {Producing three-dimensional images}

**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](#))

**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<sub>2</sub>SM compound
- G03C 2200/60 . Temperature