

**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 {( <a href="#">G03F 7/0952</a> 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 ([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 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 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 ([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 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 ([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 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 ([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 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 [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 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
<b>G03C 9/00</b>	<b>Stereo-photographic or similar processes</b>
G03C 9/02	. parallax-stereogram
G03C 9/04	. vectographic-image
G03C 9/06	. Anaglyph
G03C 2009/08	. {Producing three-dimensional images}
<b>G03C 11/00</b>	<b>Auxiliary processes in photography (characterised by the apparatus used <a href="#">G03D 15/00</a>)</b>
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 ( <a href="#">electrolytic recovery of metals C25C 1/00</a> )
<b>G03C 2200/00</b>	<b>Details (not used)</b>
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