

**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 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 ( <a href="#">coating, drying 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 { <a href="#">see also 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 ( <a href="#">direct positive emulsions 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 [G03C 1/95](#) ) }
  
- G03C 2001/7621 . . . . Antiabrasion
- G03C 2001/7628 . . . . Back layer
- G03C 2001/7635 . . . . Protective layer
- 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 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 [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 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](#) } )

<a href="#">G03C 2007/30505</a>	...	Photographic useful group
<a href="#">G03C 7/30511</a>	...	{ characterised by the releasing group }
<a href="#">G03C 7/30517</a>	....	{ 2-equivalent couplers, i.e. with a substitution on the coupling site being compulsory with the exception of halogen-substitution }
<a href="#">G03C 7/30523</a>	.....	{ Phenols or naphtols couplers }
<a href="#">G03C 7/30529</a>	.....	{ having the coupling site in rings of cyclic compounds }
<a href="#">G03C 7/30535</a>	.....	{ having the coupling site not in rings of cyclic compounds }
<a href="#">G03C 7/30541</a>	...	{ characterised by the released group }
<a href="#">G03C 7/30547</a>	....	{ Dyes }
<a href="#">G03C 7/30552</a>	....	{ Mercapto }
<a href="#">G03C 7/30558</a>	....	{ Heterocyclic group ( <a href="#">G03C 7/30552</a> takes precedence ) }
<a href="#">G03C 2007/30564</a>	....	Development inhibitor releasing
<a href="#">G03C 2007/3057</a>	....	Developing agent releasing compound
<a href="#">G03C 7/30576</a>	...	{ characterised by the linking group between the releasing and the released groups, e.g. time-groups }
<a href="#">G03C 2007/30582</a>	....	Linking group
<a href="#">G03C 2007/30588</a>	....	Timing group
<a href="#">G03C 7/30594</a>	...	{ Combination of substances liberating photographically active agents }
<a href="#">G03C 7/32</a>	..	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> } )
<a href="#">G03C 2007/3206</a>	...	Concurrent coupler
<a href="#">G03C 7/3212</a>	...	{ Couplers characterised by a group not in coupling site, e.g. ballast group, as far as the coupling rest is not specific }
<a href="#">G03C 2007/3219</a>	....	Ballast group
<a href="#">G03C 7/3225</a>	...	{ Combination of couplers of different kinds, e.g. yellow and magenta couplers in a same layer or in different layers of the photographic material }
<a href="#">G03C 7/3231</a>	...	{ Couplers containing an indazolone ring }
<a href="#">G03C 2007/3238</a>	...	Coupler activity
<a href="#">G03C 7/3244</a>	...	{ Couplers forming azinic dyes; Specific developers therefor }
<a href="#">G03C 2007/325</a>	...	One-equivalent coupler
<a href="#">G03C 2007/3257</a>	...	Two-equivalent coupler
<a href="#">G03C 2007/3263</a>	...	Four-equivalent coupler
<a href="#">G03C 7/327</a>	...	Macromolecular coupling substances
<a href="#">G03C 7/3275</a>	....	{ Polymers obtained by reactions involving only carbon-to-carbon unsaturated bonds, e.g. vinyl polymers }
<a href="#">G03C 7/333</a>	...	Coloured coupling substances, e.g. for the correction of the coloured image
<a href="#">G03C 7/3335</a>	....	{ containing an azo chromophore }
<a href="#">G03C 7/34</a>	...	Couplers containing phenols ( <a href="#">G03C 7/327</a> , <a href="#">G03C 7/333</a> take precedence )
<a href="#">G03C 7/342</a>	....	{ Combination of phenolic or naphtholic couplers }
<a href="#">G03C 7/344</a>	....	{ Naphtholic couplers }
<a href="#">G03C 7/346</a>	....	{ 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 { ( <a href="#">incorporation of additives other than couplers 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 ( <a href="#">macromolecular additives 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
- 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](#) )

**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 ( <i>fine grain</i> ) 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