

CPC COOPERATIVE PATENT CLASSIFICATION

G PHYSICS (NOTES omitted)

INSTRUMENTS

G03 PHOTOGRAPHY; CINEMATOGRAPHY; ELECTROGRAPHY; HOLOGRAPHY
(reproduction of pictures or patterns by scanning and converting into electrical signals [H04N](#))

G03C PHOTSENSITIVE 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](#)

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|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 1/00 | Photosensitive materials (photosensitive materials for multicolour processes G03C 7/00 ; for diffusion transfer processes G03C 8/00 ; photosensitive glass C03C 4/04) | 1/025 | . . . Physical treatment of emulsions, e.g. by ultrasonics, refrigeration, pressure (coating, drying G03C 1/74) |
| 1/002 | . {containing microcapsules (with photopolymerisable compositions G03F 7/002)} | 2001/0252 | . . . {Electric power or field} |
| 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) | 2001/0255 | . . . {Refrigeration} |
| 1/0051 | . . {Tabular grain emulsions} | 2001/0257 | . . . {Ultrasonic} |
| 1/0053 | . . . {with high content of silver chloride} | 1/035 | . . characterised by the crystal form or composition, e.g. mixed grain |
| 2001/0055 | . . . {Aspect ratio of tabular grains in general; High aspect ratio; Intermediate aspect ratio; Low aspect ratio} | 2001/03505 | . . . {Shape of the grains} |
| 2001/0056 | . . . {Dislocations} | 2001/03511 | . . . {Bromide content} |
| 2001/0058 | . . . {Twinned crystal} | 2001/03517 | . . . {Chloride content} |
| 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 }) | 2001/03523 | . . . {Converted grains} |
| 2001/0151 | . . . {Double jet precipitation} | 2001/03529 | . . . {Coefficient of variation} |
| 2001/0152 | . . . {Desalting} | 2001/03535 | . . . {Core-shell grains} |
| 2001/0153 | . . . {Fine grain feeding method} | 2001/03541 | . . . {Cubic grains} |
| 2001/0155 | . . . {Flocculation} | 2001/03547 | . . . {Cubooctahedral grains} |
| 2001/0156 | . . . {pAg value; pBr value; pCl value; pI value} | 2001/03552 | . . . {Epitaxial junction grains; Protrusions or protruded grains} |
| 2001/0157 | . . . {Ultrafiltration} | 2001/03558 | . . . {Iodide content} |
| 2001/0158 | . . . {Washing of emulsions} | 2001/03564 | . . . {Mixed grains or mixture of emulsions} |
| | | 2001/0357 | . . . {Monodisperse emulsion} |
| | | 2001/03576 | . . . {Containing no iodide} |
| | | 2001/03582 | . . . {Octahedral grains} |
| | | 2001/03588 | . . . {Polydisperse emulsion} |
| | | 2001/03594 | . . . {Size of the grains} |
| | | 1/04 | . . with macromolecular additives; with layer-forming substances |
| | | 2001/041 | . . . {Binder} |
| | | 2001/042 | . . . {Natural polymer} |

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|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/043 | . . . Polyalkylene oxides; Polyalkylene sulfides; Polyalkylene selenides; Polyalkylene tellurides | 1/14 | with an odd number of CH groups |
| 1/047 | . . . Proteins, e.g. gelatine derivatives; Hydrolysis or extraction products of proteins | 1/16 | with one CH group |
| 2001/0471 | {Isoelectric point of gelatine} | 1/18 | with three CH groups |
| 2001/0473 | {Low molecular weight gelatine} | 1/20 | with more than three CH groups |
| 2001/0475 | {Gelatine characteristics} | 1/22 | with an even number of CH groups |
| 2001/0476 | {Swelling of gelatine} | 1/24 | Styryl dyes |
| 2001/0478 | {Oxidising agent} | 1/26 | Polymethine chain forming part of a heterocyclic ring |
| 1/053 | . . . Polymers obtained by reactions involving only carbon-to-carbon unsaturated bonds, e.g. vinyl polymers | 1/28 | together with supersensitising substances |
| 1/06 | . . with non-macromolecular additives (G03C 1/047 takes precedence ; combination of dyes G03C 1/29) | 1/29 | the supersensitising mixture being solely composed of dyes; Combination of dyes, even if the supersensitising effect is not explicitly disclosed |
| 1/061 | . . . {Hydrazine compounds} | 1/295 | . . . Development accelerators |
| 2001/062 | {Hydrazine derivative} | 1/30 | . . . Hardeners |
| 2001/064 | {Nitro compounds} | 1/301 | {Aldehydes or derivatives thereof, e.g. bisulfite addition products} |
| 2001/065 | {Quaternary ammonium compound-substituent} | 1/302 | {containing an aziridine ring} |
| 1/067 | . . . {Additives for high contrast images, other than hydrazine compounds} | 1/303 | {Di- or polysaccharides} |
| 2001/068 | {Onium compounds} | 1/305 | {containing a diazine or triazine ring} |
| 1/07 | . . . Substances influencing grain growth during silver salt formation | 1/306 | {containing an oxirane ring} |
| 2001/073 | {Grain growth modifier} | 1/307 | {Macromolecular substances (polysaccharides G03C 1/303)} |
| 2001/076 | {Silver halide solvent} | 2001/308 | {Vinyl sulfone hardener} |
| 1/08 | . . . Sensitivity-increasing substances | 1/31 | . . . Plasticisers |
| 2001/0809 | {Chemical sensitiser} | 1/32 | . . . Matting agents (see also G03C 1/95) |
| 2001/0818 | {Calcium ion content or calcium compound} | 1/33 | . . . Spot-preventing agents |
| 2001/0827 | {Cobalt} | 1/34 | . . . Fog-inhibitors; Stabilisers; Agents inhibiting latent image regression |
| 2001/0836 | {Copper compounds} | 2001/341 | {Antifoggant} |
| 2001/0845 | {Iron compounds} | 2001/343 | {Benzotriazole} |
| 2001/0854 | {Indium} | 2001/345 | {Stabiliser} |
| 2001/0863 | {Group VIII metal compound} | 1/346 | {Organic derivatives of bivalent sulfur, selenium or tellurium} |
| 2001/0872 | {Metal dopant -added during precipitation} | 2001/348 | {Tetrazaindene} |
| 2001/0881 | {Metal complex} | 1/35 | . . . Antiplumming agents, i.e. antibronzing agents; Toners |
| 2001/089 | {Cyano complexes or compounds} | 1/355 | {Organic derivatives of bivalent sulfur, selenium or tellurium} |
| 1/09 | Noble metals or mercury; Salts or compounds thereof; Sulfur, selenium or tellurium, or compounds thereof, e.g. for chemical sensitising (G03C 1/34 , G03C 1/35 take precedence) | 1/36 | . . . Desensitisers (direct positive emulsions G03C 1/485) |
| 2001/091 | {Gold} | 1/37 | . . . Antiseptic agents |
| 2001/092 | {Mercury} | 1/38 | . . . Dispersants; Agents facilitating spreading |
| 2001/093 | {Iridium} | 1/385 | {containing fluorine} |
| 2001/094 | {Rhodium} | 1/40 | . . . Dyestuffs not covered by the groups G03C 1/08 - G03C 1/38 or G03C 1/42 |
| 2001/095 | {Disulfide or dichalcogenide compound} | 1/42 | . . . Developers or their precursors |
| 2001/096 | {Sulphur sensitiser} | 2001/425 | {Incorporated developer} |
| 2001/097 | {Selenium} | 1/43 | . . . Processing agents or their precursors, not covered by groups G03C 1/07 - G03C 1/42 |
| 2001/098 | {Tellurium} | 1/46 | . . having more than one photosensitive layer (G03F 7/0952 takes precedence) |
| 1/10 | Organic substances (G03C 1/061 , G03C 1/067 take precedence) | 1/485 | . . Direct positive emulsions |
| 1/102 | {dyes other than methine dyes} | 2001/48507 | . . . {Internal latent image} |
| 2001/104 | {Fogging agent or process} | 1/48515 | . . . {prefogged} |
| 2001/106 | {Reduction sensitisation or reduction sensitiser} | 1/48523 | {characterised by the desensitiser} |
| 2001/108 | {Nucleation accelerating compound} | 1/4853 | {polymethine dyes} |
| 1/12 | Methine and polymethine dyes | 1/48538 | . . . {non-prefogged, i.e. fogged after imagewise exposure} |
| 1/122 | {Azacyanines} | 1/48546 | {characterised by the nucleating/fogging agent} |
| 1/125 | {Phosphocyanines} | 1/48553 | {the fogging agent only present in the developer} |
| 1/127 | {the polymethine chain forming part of a carbocyclic ring} | | |

- 1/48561 {hydrazine compounds}
- 1/48569 {characterised by the emulsion type/grain forms, e.g. tabular grain emulsions}
- 1/48576 {core-shell grain emulsions}
- 1/48584 {spectrally sensitised}
- 1/48592 . . . {Positive image obtained by various effects other than photohole bleaching or internal image desensitisation, e.g. Sabatier, Clayden effect}
- 1/49 . . Print-out and photodevelopable emulsions
- 1/492 . . Photosoluble emulsions
- 1/494 . Silver salt compositions other than silver halide emulsions; Photothermographic systems {Thermographic systems using noble metal compounds}
- 1/496 . . Binder-free compositions, e.g. evaporated
- 1/4965 . . . {evaporated}
- 1/498 . . Photothermographic systems, e.g. dry silver
- 1/49809 . . . {Organic silver compounds}
- 1/49818 . . . {Silver halides}
- 1/49827 . . . {Reducing agents}
- 1/49836 . . . {Additives}
- 1/49845 {Active additives, e.g. toners, stabilisers, sensitisers}
- 1/49854 {Dyes or precursors of dyes (for diffusion-transfer [G03C 8/10](#), [G03C 8/4013](#))}
- 1/49863 {Inert additives, e.g. surfactants, binders}
- 1/49872 . . . {Aspects relating to non-photosensitive layers, e.g. intermediate protective layers}
- 1/49881 . . . {characterised by the process or the apparatus}
- 1/4989 . . . {characterised by a thermal imaging step, with or without exposure to light, e.g. with a thermal head, using a laser}
- 1/50 . Compositions containing noble metal salts other than silver salts, as photosensitive substances {(thermographic systems using noble metal compounds [G03C 1/494](#))}
- 1/52 . Compositions containing diazo compounds as photosensitive substances ([G03C 1/64](#) takes precedence)
- 1/54 . . Diazonium salts or diazo anhydrides
- 1/56 . . Diazo sulfonates
- 1/58 . . Coupling substances therefor
- 1/585 . . . {Precursors}
- 1/60 . . with macromolecular additives
- 1/61 . . with non-macromolecular additives
- 1/615 . . . {Substances generating bases}
- 1/62 . . Metal compounds reducible to metal
- 1/64 . Compositions containing iron compounds as photosensitive substances
- 1/66 . Compositions containing chromates as photosensitive substances
- 1/67 . Compositions containing cobalt salts or cobalt compounds as photosensitive substances
- 1/675 . Compositions containing polyhalogenated compounds as photosensitive substances (for photopolymerisable or photocrosslinkable compositions [G03F 7/028](#), covered by [G03C 1/72](#))
- 1/685 . Compositions containing spiro-condensed pyran compounds or derivatives thereof, as photosensitive substances
- 1/695 . Compositions containing azides as the photosensitive substances (for photopolymerisable or photocrosslinkable compositions [G03F 7/008](#))
- 1/705 . Compositions containing chalcogenides, metals or alloys thereof, as photosensitive substances, e.g. photodope systems (used as photoresist [G03F 7/004](#))
- 1/72 . Photosensitive compositions not covered by the groups [G03C 1/005](#) - [G03C 1/705](#)
- 1/725 . . containing inorganic compounds
- 1/7253 . . . {Lead salts}
- 1/7256 . . . {Mercury salts}
- 1/73 . . containing organic compounds
- 1/731 . . . {Biological compounds}
- 1/732 . . . {Leuco dyes}
- 1/733 . . . {with macromolecular compounds as photosensitive substances, e.g. photochromic (photodegradable or photocrosslinkable compositions [G03F 7/004](#))}
- 1/734 . . . {Tellurium or selenium compounds}
- 1/735 . . . Organo-metallic compounds
- 1/74 . Applying photosensitive compositions to the base; Drying processes therefor ([G03C 1/496](#) takes precedence)
- 2001/7403 . . {Air jets}
- 2001/7407 . . {Specific angles in extrusion head-slide hopper}
- 2001/7411 . . {Beads or bead coating}
- 2001/7414 . . {Bending support to prevent coating of borders}
- 2001/7418 . . {Backup roll}
- 2001/7422 . . {Blowing means}
- 2001/7425 . . {Coating on both sides}
- 2001/7429 . . {Cleaning means}
- 2001/7433 . . {Curtain coating}
- 2001/7437 . . {Degassing means}
- 2001/744 . . {Delivering means for slide hopper}
- 2001/7444 . . {Dip coating}
- 2001/7448 . . {Dispersion}
- 2001/7451 . . {Drying conditions}
- 2001/7455 . . {Edge bead nonuniformity coated at the border}
- 2001/7459 . . {Extrusion coating}
- 2001/7462 . . {Flowing conditions in slots prior to coating}
- 2001/7466 . . {Geometry and shape of application devices}
- 2001/747 . . {Lateral edge guiding means for curtain coating}
- 2001/7474 . . {Impingement conditions curtain onto support}
- 2001/7477 . . {Lip detail or shape in hopper or extrusion head}
- 2001/7481 . . {Coating simultaneously multiple layers}
- 2001/7485 . . {Shielding means against air disturbances}
- 2001/7488 . . {Sliding layers or means}
- 2001/7492 . . {Slide hopper for head or curtain coating}
- 2001/7496 . . {Viscosity range}
- 1/76 . Photosensitive materials characterised by the base or auxiliary layers
- 2001/7607 . . {Support or base}
- 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](#))}
- 2001/7621 . . . {Antiabrasion}
- 2001/7628 . . . {Back layer}
- 2001/7635 . . . {Protective layer}
- 1/7642 . . {the base being of textile or leather ([G03C 11/12](#) takes precedence)}
- 1/765 . . characterised by the shape of the base, e.g. arrangement of perforations, jags
- 1/77 . . the base being of metal

- 1/775 . . the base being of paper
- 1/785 . . . translucent
- 1/79 . . . Macromolecular coatings or impregnations therefor, e.g. varnishes
- 1/795 . . the base being of macromolecular substances ([G03C 1/775 takes precedence](#))
- 2001/7952 . . . {Cellulose ester}
- 1/7954 . . . {Polyesters}
- 2001/7956 {Polyethylene naphthalate}
- 2001/7958 {Polyethylene terephthalate}
- 1/805 . . characterised by stripping layers or stripping means
- 1/81 . . characterised by anticoiling means
- 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](#))
- 1/8155 . . . {Organic compounds therefor}
- 1/825 . . characterised by antireflection means or visible-light filtering means, e.g. antihalation
- 1/8255 . . . {Silver or silver compounds therefor}
- 1/83 . . . Organic dyestuffs therefor {(polymeric dyes [G03C 1/835](#))}
- 1/831 {Azo dyes}
- 1/832 {Methine or polymethine dyes}
- 1/833 {Dyes containing a metal atom}
- 1/835 . . . Macromolecular substances therefor, e.g. mordants
- 1/85 . . characterised by antistatic additives or coatings
- 1/853 . . . {Inorganic compounds, e.g. metals}
- 1/856 . . . {Phosphorus compounds}
- 1/89 . . . Macromolecular substances therefor
- 1/895 {Polyalkylene oxides}
- 1/91 . . characterised by subbing layers or subbing means
- 1/915 . . . {using mechanical or physical means therefor, e.g. corona}
- 1/93 . . . Macromolecular substances therefor
- 1/95 . . rendered opaque or writable, e.g. with inert particulate additives ([G03C 1/775 takes precedence](#))
- 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](#))**
- 3/003 . {Individual packages for X-ray film, e.g. for dental applications}
- 2003/006 . {Film with lens-disposable camera}
- 3/02 . Photographic roll-films with paper strips
- 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](#))**
- 5/02 . Sensitometric processes, e.g. determining sensitivity, colour sensitivity, gradation, graininess, density; Making sensitometric wedges
- 5/04 . Photo-taking processes
- 2005/045 . . {Scanning exposure}
- 5/06 . . Travelling-mask processes
- 5/08 . Photoprinting ([G03C 5/18 takes precedence](#)); Processes and means for preventing photoprinting
- 5/10 . . Reflex-printing; Photoprinting using fluorescent or phosphorescent means
- 5/12 . Cinematographic processes of taking pictures or printing
- 5/14 . . combined with sound-recording ([sound-recording in general \[G11B\]\(#\)](#))
- 5/16 . X-ray, infra-red, or ultra-violet ray processes
- 2005/162 . . {Roomlight material-bright room type material}
- 5/164 . . {Infra-red processes}
- 2005/166 . . {Ultraviolet sensitive material or UV exposure}
- 2005/168 . . {X-ray material or process}
- 5/17 . . using screens to intensify X-ray images (X-ray conversion screens [G21K 4/00](#))
- 5/18 . Diazo-type processes, e.g. thermal development, or agents therefor
- 5/20 . . Reflex-printing
- 5/22 . Direct chromate processes, i.e. without preceding silver picture, or agents therefor
- 5/26 . Processes using silver-salt-containing photosensitive materials or agents therefor ([physical development \[G03C 5/58\]\(#\)](#))
- 5/261 . . {Non-bath processes, e.g. using pastes, webs, viscous compositions}
- 5/262 . . {using materials covered by groups [G03C 1/42](#) and [G03C 1/43](#)}
- 5/263 . . {with an exterior influence, e.g. ultrasonics, electrical or thermal means ([G03C 5/262 takes precedence](#); dry silver systems [G03C 1/498](#))}
- 5/264 . . {Supplying of photographic processing chemicals; Preparation or packaging thereof}
- 5/265 . . . {of powders, granulates, tablets ([G03C 5/267 takes precedence](#))}
- 5/266 . . . {of solutions or concentrates ([G03C 5/267 takes precedence](#))}
- 5/267 . . . {Packaging; Storage}
- 5/268 . . {Processing baths not provided for elsewhere, e.g. pre-treatment, stop, intermediate or rinse baths ([colour processing \[G03C 7/3046\]\(#\)](#))}
- 5/28 . Cinematographic-film processes
- 5/29 . . Development processes or agents therefor ([G03C 5/38](#), [G03C 5/50 take precedence](#))
- 5/30 . . . Developers
- 2005/3007 {Ascorbic acid}
- 5/3014 {Hydrazine; Hydroxylamine; Urea; Derivatives thereof}
- 5/3021 {with oxydisable hydroxyl or amine groups linked to an aromatic ring}
- 5/3028 {Heterocyclic compounds ([G03C 5/3021 takes precedence](#))}
- 5/3035 {containing a diazole ring}
- 2005/3042 {Phenidone and analogues}
- 5/305 . . . Additives other than developers {([G03C 5/264 takes precedence](#))}
- 5/3053 {Tensio-active agents or sequestering agents, e.g. water-softening or wetting agents}
- 5/3056 {Macromolecular additives ([G03C 5/261 takes precedence](#))}
- 5/31 . . . Regeneration; Replenishers
- 5/315 . . . Tanning development
- 5/32 . . Latensification; Densensitisation

- 5/38 . . Fixing; Developing-fixing; Hardening-fixing
(bleach-fixing [G03C 5/44](#))
- 5/383 . . . {Developing-fixing, i.e. mono-baths}
- 5/386 . . . {Hardening-fixing}
- 5/39 . . . Stabilising, i.e. fixing without washing out
- 5/395 . . Regeneration of photographic processing agents
other than developers; Replenishers therefor
- 5/3952 . . . {Chemical, mechanical or thermal methods,
e.g. oxidation, precipitation, centrifugation
(microseparation techniques using membranes
[G03C 5/3956](#))}
- 5/3954 . . . {Electrical methods, e.g. electrolytic silver
recovery, electrodialysis}
- 5/3956 . . . {Microseparation techniques using membranes,
e.g. reverse osmosis, ion exchange, resins,
active charcoal ([G03C 5/3954](#) takes
precedence)}
- 5/3958 . . . {Replenishment processes or compositions,
i.e. addition of useful photographic processing
agents}
- 5/40 . . Chemically transforming developed images
([G03C 5/50](#) takes precedence)
- 5/42 . . . Reducing; Intensifying {(using couplers
[G03C 7/30](#))}
- 5/44 . . . Bleaching; Bleach-fixing
- 5/46 . . . Toning
- 5/48 . . . Mordanting
- 5/50 . . Reversal development; Contact processes
([G03C 5/315](#), [G03C 8/00](#) take precedence)
- 5/56 . Processes using photosensitive compositions
covered by the groups [G03C 1/64](#) - [G03C 1/72](#) or
agents therefor ([G03C 5/58](#) takes precedence)
- 5/58 . Processes for obtaining metallic images by vapour
deposition or physical development (images
obtained by photomechanical means, e.g. by etching
[G03F](#))
- 5/60 . Processes for obtaining vesicular images
- 7/00 Multicolour photographic processes or agents
therefor; Regeneration of such processing agents;
Photosensitive materials for multicolour processes
(diffusion transfer processes [G03C 8/00](#))**
- 7/02 . Direct bleach-out processes; Materials therefor;
Preparing or processing such materials
- 7/04 . Additive processes using colour screens; Materials
therefor; Preparing or processing such materials
- 7/06 . . Manufacture of colour screens
- 7/08 . . . from diversely-coloured grains irregularly
distributed
- 7/10 . . . with regular areas of colour, e.g. bands, lines,
dots
- 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](#))}
- 7/14 . Additive processes using lenticular screens;
Materials therefor; Preparing or processing such
materials
- 7/18 . Processes for the correction of the colour image
in subtractive colour photography (using coloured
couplers [G03C 7/333](#))
- 7/20 . Subtractive colour processes using differently
sensitised films, each coated on its own base, e.g.
bipacks, tripacks
- 7/22 . Subtractive cinematographic processes; Materials
therefor; Preparing or processing such materials
- 7/24 . . combined with sound-recording ([sound recording
in general G11B](#))
- 7/25 . . Dye-imbibition processes; Materials therefor;
Preparing or processing such materials
- 7/26 . Silver halide emulsions for subtractive colour
processes ([G03C 7/28](#) - [G03C 7/30](#) take precedence)
- 7/28 . Silver dye bleach processes; Materials therefor;
Preparing or processing such materials
- 7/29 . . Azo dyes therefor
- 7/30 . Colour processes using colour-coupling substances;
Materials therefor; Preparing or processing such
materials
- 2007/3001 . . {Panchromatic}
- 7/3003 . . {Materials characterised by the use of
combinations of photographic compounds
known as such, or by a particular location in the
photographic element}
- 7/3005 . . . {Combinations of couplers and photographic
additives}
- 7/3006 {Combinations of phenolic or naphtholic
couplers and photographic additives}
- 7/3008 {Combinations of couplers having the
coupling site in rings of cyclic compounds
and photographic additives}
- 7/301 {Combinations of couplers having the
coupling site in pyrazoloazole rings and
photographic additives}
- 7/3012 {Combinations of couplers having the
coupling site in pyrazolone rings and
photographic additives}
- 7/3013 {Combinations of couplers with active
methylene groups and photographic
additives}
- 2007/3015 . . . {False colour system}
- 7/3017 . . {with intensification of the image by oxido-
reduction}
- 7/3018 . . . {using cobalt compounds}
- 7/302 . . . {using peroxides}
- 7/3022 . . {Materials with specific emulsion characteristics,
e.g. thickness of the layers, silver content, shape
of AgX grains}
- 2007/3024 . . . {Ratio silver to coupler}
- 2007/3025 . . . {Silver content}
- 2007/3027 . . . {Thickness of a layer}
- 7/3029 . . {Materials characterised by a specific
arrangement of layers, e.g. unit layers, or layers
having a specific function}
- 2007/3031 . . . {Interimage effect}
- 2007/3032 . . . {Non-sensitive AgX or layer containing it}
- 2007/3034 . . . {Unit layer}
- 2007/3036 . . . {Single layer constitution}
- 2007/3037 . . . {At least three unit layers}
- 2007/3039 . . . {Yellow filter}
- 7/3041 . . {Materials with specific sensitometric
characteristics, e.g. gamma, density}
- 2007/3043 . . . {Original suitable to be scanned}
- 2007/3044 . . . {Density}
- 7/3046 . . {Processing baths not provided for elsewhere, e.g.
final or intermediate washings}
- 2007/3048 . . . {Stabilisation}

- 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](#))
- 2007/30505 . . . {Photographic useful group}
- 7/30511 . . . {characterised by the releasing group}
- 7/30517 . . . {2-equivalent couplers, i.e. with a substitution on the coupling site being compulsory with the exception of halogen-substitution}
- 7/30523 . . . {Phenols or naphthols couplers}
- 7/30529 . . . {having the coupling site in rings of cyclic compounds}
- 7/30535 . . . {having the coupling site not in rings of cyclic compounds}
- 7/30541 . . . {characterised by the released group}
- 7/30547 . . . {Dyes}
- 7/30552 . . . {Mercapto}
- 7/30558 . . . {Heterocyclic group ([G03C 7/30552 takes precedence](#))}
- 2007/30564 . . . {Development inhibitor releasing}
- 2007/3057 . . . {Developing agent releasing compound}
- 7/30576 . . . {characterised by the linking group between the releasing and the released groups, e.g. time-groups}
- 2007/30582 . . . {Linking group}
- 2007/30588 . . . {Timing group}
- 7/30594 . . . {Combination of substances liberating photographically active agents}
- 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](#))
- 2007/3206 . . . {Concurrent coupler}
- 7/3212 . . . {Couplers characterised by a group not in coupling site, e.g. ballast group, as far as the coupling rest is not specific}
- 2007/3219 . . . {Ballast group}
- 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}
- 7/3231 . . . {Couplers containing an indazolone ring}
- 2007/3238 . . . {Coupler activity}
- 7/3244 . . . {Couplers forming azinic dyes; Specific developers therefor}
- 2007/325 . . . {One-equivalent coupler}
- 2007/3257 . . . {Two-equivalent coupler}
- 2007/3263 . . . {Four-equivalent coupler}
- 7/327 . . . Macromolecular coupling substances
- 7/3275 . . . {Polymers obtained by reactions involving only carbon-to-carbon unsaturated bonds, e.g. vinyl polymers}
- 7/333 . . . Coloured coupling substances, e.g. for the correction of the coloured image
- 7/3335 . . . {containing an azo chromophore}
- 7/34 . . . Couplers containing phenols ([G03C 7/327](#), [G03C 7/333 take precedence](#))
- 7/342 . . . {Combination of phenolic or naphtholic couplers}
- 7/344 . . . {Naphtholic couplers}
- 7/346 . . . {Phenolic couplers}
- 2007/348 . . . {Ureido coupler}
- 7/36 . . . Couplers containing compounds with active methylene groups ([G03C 7/327](#), [G03C 7/333 take precedence](#))
- 7/362 . . . {Benzoyl-acetanilide couplers}
- 7/365 . . . {Combination of couplers}
- 7/367 . . . {Pyvaloyl-acetanilide couplers}
- 7/38 . . . in rings
- 7/3805 . . . {Combination of couplers}
- 7/381 . . . {Heterocyclic compounds ([G03C 7/384 takes precedence](#))}
- 7/3815 . . . {with one heterocyclic ring}
- 7/382 . . . {with two heterocyclic rings}
- 7/3825 . . . {the nuclei containing only nitrogen as hetero atoms}
- 7/383 . . . {three nitrogen atoms}
- 7/3835 . . . {four nitrogen atoms}
- 7/384 . . . in pyrazolone rings
- 7/388 . . . Processes for the incorporation in the emulsion of substances liberating photographically active agents or colour-coupling substances; Solvents therefor ([incorporation of additives other than couplers G03C 1/005](#))
- 7/3882 . . . {characterised by the use of a specific polymer or latex}
- 7/3885 . . . {characterised by the use of a specific solvent}
- 2007/3887 . . . {High-boiling solvent}
- 7/392 . . . Additives ([G03C 7/30 - G03C 7/32 take precedence](#))
- 7/39204 . . . {Inorganic compounds}
- 7/39208 . . . {Organic compounds ([macromolecular additives G03C 7/396](#))}
- 7/39212 . . . {Carbocyclic}
- 7/39216 . . . {with OH groups}
- 2007/3922 . . . {Bisphenol compound}
- 7/39224 . . . {with a nitrogen-containing function}
- 7/39228 . . . {with a sulfur-containing function}
- 7/39232 . . . {with an oxygen-containing function ([G03C 7/39216 takes precedence](#))}
- 7/39236 . . . {with a function having at least two elements among nitrogen, sulfur or oxygen ([G03C 7/39216 takes precedence](#))}
- 7/3924 . . . {Heterocyclic}
- 7/39244 . . . {the nucleus containing only nitrogen as hetero atoms}
- 7/39248 . . . {one nitrogen atom}
- 7/39252 . . . {two nitrogen atoms}
- 7/39256 . . . {three nitrogen atoms}
- 7/3926 . . . {four or more nitrogen atoms}
- 7/39264 . . . {the nucleus containing only sulfur as hetero atoms}
- 7/39268 . . . {the nucleus containing only oxygen as hetero atoms}
- 7/39272 . . . {the nucleus containing nitrogen and oxygen}
- 7/39276 . . . {the nucleus containing nitrogen and sulfur}
- 7/3928 . . . {Spiro-condensed}
- 7/39284 . . . {Metallic complexes}
- 7/39288 . . . {containing phosphorus or silicon}

- 7/39292 {Dyes ([G03C 1/12](#), [G03C 1/83](#) take precedence)}
- 7/39296 . . . {Combination of additives (combination with couplers [G03C 7/3003](#))}
- 7/396 . . . Macromolecular additives {([G03C 7/388](#) takes precedence)}
- 7/407 . . Development processes or agents therefor {([G03C 7/3244](#) takes precedence)}
- 7/413 . . . Developers
- 2007/4133 {No benzyl alcohol}
- 7/4136 {p-Phenylenediamine or derivatives thereof}
- 7/42 . . Bleach-fixing or agents therefor {Desilvering processes}
- 7/421 . . . {Additives other than bleaching or fixing agents}
- 2007/422 {Bleach accelerator}
- 2007/424 {Chelating agent}
- 2007/425 . . . {Bleach-fixing}
- 2007/427 . . . {Bleaching}
- 2007/428 . . . {Fixing}
- 7/44 . . Regeneration; Replenishers
- 7/46 . . Subtractive processes not covered by the group [G03C 7/26](#); Materials therefor; Preparing or processing such materials
- 8/00 Diffusion transfer processes or agents therefor; Photosensitive materials for such processes**
- 8/02 . . Photosensitive materials characterised by the image-forming section
- 8/04 . . the substances transferred by diffusion consisting of inorganic or organo-metallic compounds derived from photosensitive noble metals
- 8/045 . . . {with the formation of a subtractive dye image}
- 8/06 . . . Silver salt diffusion transfer
- 8/08 . . the substances transferred by diffusion consisting of organic compounds ([G03C 8/04](#) takes precedence)
- 8/10 . . . of dyes or their precursors
- 8/12 characterised by the releasing mechanism
- 8/14 Oxidation of the chromogenic substances
- 8/16 initially diffusible in alkaline environment
- 8/18 Dye developers
- 8/20 initially non-diffusible in alkaline environment
- 8/22 Reduction of the chromogenic substance
- 8/24 . . Photosensitive materials characterised by the image-receiving section
- 8/243 . . {Toners for the silver image}
- 8/246 . . {Non-macromolecular agents inhibiting image regression or formation of ghost images}
- 8/26 . . Image-receiving layers ([G03C 8/52](#) takes precedence)
- 8/28 . . . containing development nuclei or compounds forming such nuclei
- 8/30 . . Additive processes using colour screens; Materials therefor; Preparing or processing such materials
- 8/32 . . Development processes or agents therefor ([G03C 8/18](#) takes precedence)
- 8/34 . . Containers for the agents ([G03C 8/48](#), [G03B 17/50](#) take precedence)
- 8/36 . . Developers
- 8/365 . . . {containing silver-halide solvents}
- 8/38 . . . containing viscosity increasing substances
- 8/40 . . Development by heat {Photo-thermographic processes}
- 8/4006 . . {using materials covered by the groups [G03C 8/04](#) - [G03C 8/06](#)}
- 8/4013 . . {using photothermographic silver salt systems, e.g. dry silver ([G03C 1/4989](#) takes precedence)}
- 8/402 . . . {Transfer solvents therefor}
- 2008/4026 {Heat solvent; Thermal solvent}
- 8/4033 . . . {Transferable dyes or precursors}
- 8/404 . . . {Photosensitive layers ([G03C 1/498](#) takes precedence)}
- 8/4046 . . . {Non-photosensitive layers}
- 8/4053 {Intermediate layers}
- 8/406 {Covering or backing layers}
- 8/4066 {Receiving layers}
- 8/4073 {Supports}
- 8/408 . . . {Additives or processing agents not provided for in groups [G03C 8/402](#) - [G03C 8/4046](#)}
- 8/4086 {Base precursors}
- 8/4093 . . . {characterised by the apparatus used}
- 8/42 . . Structural details
- 8/423 . . {for obtaining security documents, e.g. identification cards}
- 8/426 . . {Structures with microcapsules}
- 8/44 . . Integral units, i.e. the image-forming section not being separated from the image-receiving section
- 8/46 . . . characterised by the trapping means or gas releasing means
- 8/48 . . . characterised by substances used for masking the image-forming section
- 8/50 . . Peel-apart units, i.e. the image-forming section being separated from the image-receiving section
- 8/52 . . Bases or auxiliary layers; Substances therefor
- 2008/525 . . . {Neutralisation solution or means}
- 8/54 . . . Timing layers
- 8/56 . . . Mordant layers
- 9/00 Stereo-photographic or similar processes**
- 9/02 . . Parallax-stereogram
- 9/04 . . Vectographic-image
- 9/06 . . Anaglyph
- 2009/08 . . {Producing three-dimensional images}
- 11/00 Auxiliary processes in photography (characterised by the apparatus used [G03D 15/00](#))**
- 11/005 . . {Cleaning photographic processing and manufacturing apparatus}
- 11/02 . . Marking or applying text
- 11/04 . . Retouching
- 11/06 . . Smoothing; Renovating; Roughening; Matting; Cleaning; Lubricating; Flame-retardant treatments
- 11/08 . . Varnishing, e.g. application of protective layers on finished photographic prints
- 11/10 . . . for protection from ultra-violet light
- 11/12 . . Stripping or transferring intact photographic layers
- 11/14 . . Pasting; Mounting
- 11/16 . . Drying
- 11/18 . . Colouring
- 11/20 . . . with powdered or molten colours
- 11/22 . . Preparing plates or films for the manufacture of photographic negatives by non-photographic processes

| | | | |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------|
| 11/24 | <ul style="list-style-type: none"> Removing emulsion from waste photographic material; Recovery of photosensitive {or other} substances (electrolytic recovery of metals C25C 1/00) | 2200/57 | <ul style="list-style-type: none"> Replenishment rate or conditions |
| | | 2200/58 | <ul style="list-style-type: none"> Sensitometric characteristics |
| | | 2200/59 | <ul style="list-style-type: none"> R-SO₂SM compound |
| | | 2200/60 | <ul style="list-style-type: none"> Temperature |
| 2200/00 | Details (not used) | | |
| 2200/01 | <ul style="list-style-type: none"> 100 crystal face | | |
| 2200/02 | <ul style="list-style-type: none"> 110 crystal face | | |
| 2200/03 | <ul style="list-style-type: none"> 111 crystal face | | |
| 2200/04 | <ul style="list-style-type: none"> Adsorbent | | |
| 2200/05 | <ul style="list-style-type: none"> Auxiliary or superadditive developer | | |
| 2200/06 | <ul style="list-style-type: none"> Additive | | |
| 2200/07 | <ul style="list-style-type: none"> Anti-fading | | |
| 2200/08 | <ul style="list-style-type: none"> Anti-sticking | | |
| 2200/09 | <ul style="list-style-type: none"> Apparatus | | |
| 2200/10 | <ul style="list-style-type: none"> Advanced photographic system | | |
| 2200/11 | <ul style="list-style-type: none"> Blue-sensitive layer | | |
| 2200/12 | <ul style="list-style-type: none"> Blue high-sensitive layer | | |
| 2200/13 | <ul style="list-style-type: none"> Blue low-sensitive layer | | |
| 2200/14 | <ul style="list-style-type: none"> Blue medium-sensitive layer | | |
| 2200/15 | <ul style="list-style-type: none"> Buffer | | |
| 2200/16 | <ul style="list-style-type: none"> Black-and-white material | | |
| 2200/17 | <ul style="list-style-type: none"> Cellulose acetate | | |
| 2200/18 | <ul style="list-style-type: none"> Conditioning | | |
| 2200/19 | <ul style="list-style-type: none"> Colour negative | | |
| 2200/20 | <ul style="list-style-type: none"> Colour paper | | |
| 2200/21 | <ul style="list-style-type: none"> Developer or developing | | |
| 2200/22 | <ul style="list-style-type: none"> Dye or dye precursor | | |
| 2200/23 | <ul style="list-style-type: none"> Filter dye | | |
| 2200/24 | <ul style="list-style-type: none"> Fragmentable electron donating sensitiser | | |
| 2200/25 | <ul style="list-style-type: none"> Filter layer | | |
| 2200/26 | <ul style="list-style-type: none"> Gamma | | |
| 2200/27 | <ul style="list-style-type: none"> Gelatine content | | |
| 2200/28 | <ul style="list-style-type: none"> Gelatine-silver ratio | | |
| 2200/29 | <ul style="list-style-type: none"> Green-sensitive layer | | |
| 2200/30 | <ul style="list-style-type: none"> Green high-sensitive layer | | |
| 2200/31 | <ul style="list-style-type: none"> Green low-sensitive layer | | |
| 2200/32 | <ul style="list-style-type: none"> Green medium-sensitive layer | | |
| 2200/33 | <ul style="list-style-type: none"> Heterocyclic | | |
| 2200/34 | <ul style="list-style-type: none"> Hydroquinone | | |
| 2200/35 | <ul style="list-style-type: none"> Intermediate layer | | |
| 2200/36 | <ul style="list-style-type: none"> Latex | | |
| 2200/37 | <ul style="list-style-type: none"> Leuco dye | | |
| 2200/38 | <ul style="list-style-type: none"> Lippmann (fine grain) emulsion | | |
| 2200/39 | <ul style="list-style-type: none"> Laser exposure | | |
| 2200/40 | <ul style="list-style-type: none"> Mercapto compound | | |
| 2200/41 | <ul style="list-style-type: none"> Movie | | |
| 2200/42 | <ul style="list-style-type: none"> Mixtures in general | | |
| 2200/43 | <ul style="list-style-type: none"> Process | | |
| 2200/44 | <ul style="list-style-type: none"> pH value | | |
| 2200/45 | <ul style="list-style-type: none"> Polyhydroxybenzene | | |
| 2200/46 | <ul style="list-style-type: none"> pKa value | | |
| 2200/47 | <ul style="list-style-type: none"> Polymer | | |
| 2200/48 | <ul style="list-style-type: none"> Polyoxyethylene | | |
| 2200/49 | <ul style="list-style-type: none"> Pressure means or conditions | | |
| 2200/50 | <ul style="list-style-type: none"> Polyvinyl alcohol | | |
| 2200/51 | <ul style="list-style-type: none"> Polyvinyl chloride | | |
| 2200/52 | <ul style="list-style-type: none"> Rapid processing | | |
| 2200/53 | <ul style="list-style-type: none"> Red-sensitive layer | | |
| 2200/54 | <ul style="list-style-type: none"> Red high-sensitive layer | | |
| 2200/55 | <ul style="list-style-type: none"> Red low-sensitive layer | | |
| 2200/56 | <ul style="list-style-type: none"> Red medium-sensitive layer | | |