

# CPC COOPERATIVE PATENT CLASSIFICATION

## G PHYSICS (NOTES omitted)

### INSTRUMENTS

## G03 PHOTOGRAPHY; CINEMATOGRAPHY; ANALOGOUS TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ELECTROGRAPHY; HOLOGRAPHY (NOTES omitted)

## 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

{In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.}

<b>1/00</b>	<b>Photosensitive materials</b> (photosensitive materials for multicolour processes <a href="#">G03C 7/00</a> ; for diffusion transfer processes <a href="#">G03C 8/00</a> ; photosensitive glass <a href="#">C03C 4/04</a> )	<b>1/025</b>	. . . Physical treatment of emulsions, e.g. by ultrasonics, refrigeration, pressure (coating, drying <a href="#">G03C 1/74</a> )
<b>1/002</b>	. {containing microcapsules (with photopolymerisable compositions <a href="#">G03F 7/002</a> )}	<b>2001/0252</b>	. . . {Electric power or field}
<b>1/005</b>	. 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} <a href="#">G03C 1/494</a> )	<b>2001/0255</b>	. . . {Refrigeration}
<b>1/0051</b>	. . . {Tabular grain emulsions}	<b>2001/0257</b>	. . . {Ultrasonic}
<b>1/0053</b>	. . . {with high content of silver chloride}	<b>1/035</b>	. . . characterised by the crystal form or composition, e.g. mixed grain
<b>2001/0055</b>	. . . {Aspect ratio of tabular grains in general; High aspect ratio; Intermediate aspect ratio; Low aspect ratio}	<b>2001/03505</b>	. . . {Shape of the grains}
<b>2001/0056</b>	. . . {Dislocations}	<b>2001/03511</b>	. . . {Bromide content}
<b>2001/0058</b>	. . . {Twinned crystal}	<b>2001/03517</b>	. . . {Chloride content}
<b>1/015</b>	. . . Apparatus or processes for the preparation of emulsions (coating, drying <a href="#">G03C 1/74</a> ; <a href="#">G03C 1/07</a> takes precedence; special processes for tabular grains <a href="#">G03C 1/0051</a> )	<b>2001/03523</b>	. . . {Converted grains}
<b>2001/0151</b>	. . . {Double jet precipitation}	<b>2001/03529</b>	. . . {Coefficient of variation}
<b>2001/0152</b>	. . . {Desalting}	<b>2001/03535</b>	. . . {Core-shell grains}
<b>2001/0153</b>	. . . {Fine grain feeding method}	<b>2001/03541</b>	. . . {Cubic grains}
<b>2001/0155</b>	. . . {Flocculation}	<b>2001/03547</b>	. . . {Cubooctahedral grains}
<b>2001/0156</b>	. . . {pAg value; pBr value; pCl value; pI value}	<b>2001/03552</b>	. . . {Epitaxial junction grains; Protrusions or protruded grains}
<b>2001/0157</b>	. . . {Ultrafiltration}	<b>2001/03558</b>	. . . {Iodide content}
<b>2001/0158</b>	. . . {Washing of emulsions}	<b>2001/03564</b>	. . . {Mixed grains or mixture of emulsions}
		<b>2001/0357</b>	. . . {Monodisperse emulsion}
		<b>2001/03576</b>	. . . {Containing no iodide}
		<b>2001/03582</b>	. . . {Octahedral grains}
		<b>2001/03588</b>	. . . {Polydisperse emulsion}
		<b>2001/03594</b>	. . . {Size of the grains}
		<b>1/04</b>	. . . with macromolecular additives; with layer-forming substances
		<b>2001/041</b>	. . . {Binder}
		<b>2001/042</b>	. . . {Natural polymer}

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 ( <a href="#">G03C 1/047 takes precedence</a> ; <a href="#">combination of dyes G03C 1/29</a> )	1/29	. . . . the supersensitising mixture being solely composed of dyes {; <a href="#">Combination of dyes, even if the supersensitising effect is not explicitly disclosed</a> }
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 ( <a href="#">polysaccharides G03C 1/303</a> )}
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 ( <a href="#">see also G03C 1/95</a> )
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 ( <a href="#">G03C 1/34</a> , <a href="#">G03C 1/35 take precedence</a> )	1/36	. . . Desensitisers ( <a href="#">direct positive emulsions G03C 1/485</a> )
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 <a href="#">G03C 1/08</a> - <a href="#">G03C 1/38</a> or <a href="#">G03C 1/42</a>
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 <a href="#">G03C 1/07</a> - <a href="#">G03C 1/42</a>
2001/098	. . . . {Tellurium}	1/46	. . having more than one photosensitive layer ( <a href="#">G03F 7/0952 takes precedence</a> )
1/10	. . . . Organic substances {( <a href="#">G03C 1/061</a> , <a href="#">G03C 1/067 take precedence</a> )}	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, infrared, or ultraviolet ray processes
- 2005/162 . . {Roomlight material-bright room type material}
- 5/164 . . {Infrared 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
- 9/08 . . 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 ultraviolet 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 . Removing emulsion from waste photographic material; Recovery of photosensitive {or other} substances ([electrolytic recovery of metals](#) [C25C 1/00](#))

- 2200/57 . Replenishment rate or conditions  
 2200/58 . Sensitometric characteristics  
 2200/59 . R-SO<sub>2</sub>SM compound  
 2200/60 . Temperature

## 2200/00 Details

- 2200/01 . 100 crystal face  
 2200/02 . 110 crystal face  
 2200/03 . 111 crystal face  
 2200/04 . Adsorbent  
 2200/05 . Auxiliary or superadditive developer  
 2200/06 . Additive  
 2200/07 . Anti-fading  
 2200/08 . Anti-sticking  
 2200/09 . Apparatus  
 2200/10 . Advanced photographic system  
 2200/11 . Blue-sensitive layer  
 2200/12 . Blue high-sensitive layer  
 2200/13 . Blue low-sensitive layer  
 2200/14 . Blue medium-sensitive layer  
 2200/15 . Buffer  
 2200/16 . Black-and-white material  
 2200/17 . Cellulose acetate  
 2200/18 . Conditioning  
 2200/19 . Colour negative  
 2200/20 . Colour paper  
 2200/21 . Developer or developing  
 2200/22 . Dye or dye precursor  
 2200/23 . Filter dye  
 2200/24 . Fragmentable electron donating sensitiser  
 2200/25 . Filter layer  
 2200/26 . Gamma  
 2200/27 . Gelatine content  
 2200/28 . Gelatine-silver ratio  
 2200/29 . Green-sensitive layer  
 2200/30 . Green high-sensitive layer  
 2200/31 . Green low-sensitive layer  
 2200/32 . Green medium-sensitive layer  
 2200/33 . Heterocyclic  
 2200/34 . Hydroquinone  
 2200/35 . Intermediate layer  
 2200/36 . Latex  
 2200/37 . Leuco dye  
 2200/38 . Lippmann (fine grain) emulsion  
 2200/39 . Laser exposure  
 2200/40 . Mercapto compound  
 2200/41 . Movie  
 2200/42 . Mixtures in general  
 2200/43 . Process  
 2200/44 . pH value  
 2200/45 . Polyhydroxybenzene  
 2200/46 . pKa value  
 2200/47 . Polymer  
 2200/48 . Polyoxyethylene  
 2200/49 . Pressure means or conditions  
 2200/50 . Polyvinyl alcohol  
 2200/51 . Polyvinyl chloride  
 2200/52 . Rapid processing  
 2200/53 . Red-sensitive layer  
 2200/54 . Red high-sensitive layer  
 2200/55 . Red low-sensitive layer  
 2200/56 . Red medium-sensitive layer