

Symbol	Typ	Titel
G	Sektion	PHYSICS
G03	Klasse	PHOTOGRAPHY; CINEMATOGRAPHY; ANALOGOUS TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ELECTROGRAPHY; HOLOGRAPHY (reproduction of pictures or patterns by scanning and converting into electrical signals H04N) [4]
G03F	Unterklasse	PHOTOMECHANICAL PRODUCTION OF TEXTURED OR PATTERNED SURFACES, e.g. FOR PRINTING, FOR PROCESSING OF SEMICONDUCTOR DEVICES; MATERIALS THEREFOR; ORIGINALS THEREFOR; APPARATUS SPECIALLY ADAPTED THEREFOR (phototypographic composing devices B41B; photosensitive materials or processes for photographic purposes G03C; electrography, sensitive layers or processes G03G)
G03F 1/00	Hauptgruppe	Preparation of originals for the photomechanical production of textured or patterned surfaces (photomechanical processes in general G03F 7/00) [3]
G03F 1/02	1-Punkt Untergruppe	. by photographic processes for production of originals simulating relief
G03F 1/04	1-Punkt Untergruppe	. by montage processes
G03F 1/06	1-Punkt Untergruppe	. from printing surfaces [5]
G03F 1/08	1-Punkt Untergruppe	. Originals having inorganic imaging layers, e.g. chrome masks (G03F 1/12 takes precedence) [5]
G03F 1/10	1-Punkt Untergruppe	. by exposing and washing out pigmented or coloured organic layers; by colouring macromolecular patterns [5]
G03F 1/12	1-Punkt Untergruppe	. by exposing silver-halide-containing photosensitive materials or diazo-type photosensitive materials [5]
G03F 1/14	1-Punkt Untergruppe	. Originals characterised by structural details, e.g. supports, cover layers, pellicle rings [5]
G03F 1/16	1-Punkt Untergruppe	. Originals having apertures, e.g. for corpuscular lithography [5]
G03F 3/00	Hauptgruppe	Colour separation; Correction of tonal value (photographic copying apparatus in general G03B)
G03F 3/02	1-Punkt Untergruppe	. by retouching
G03F 3/04	1-Punkt Untergruppe	. by photographic means
G03F 3/06	2-Punkt Untergruppe	. . by masking
G03F 3/08	1-Punkt Untergruppe	. by photoelectric means
G03F 3/10	1-Punkt Untergruppe	. Checking the colour or tonal value of separation negatives or positives
G03F 5/00	Hauptgruppe	Screening processes; Screens therefor
G03F 5/02	1-Punkt Untergruppe	. by projecting methods (cameras G03B)
G03F 5/04	2-Punkt Untergruppe	. . changing the screen effect
G03F 5/06	2-Punkt Untergruppe	. . changing the diaphragm effect
G03F 5/08	2-Punkt Untergruppe	. . using line screens
G03F 5/10	2-Punkt Untergruppe	. . using cross-line screens
G03F 5/12	2-Punkt Untergruppe	. . using other screens, e.g. granulated screen
G03F 5/14	1-Punkt Untergruppe	. by contact methods
G03F 5/16	2-Punkt Untergruppe	. . using grey half-tone screens
G03F 5/18	2-Punkt Untergruppe	. . using colour half-tone screens

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G03F 5/20	1-Punkt Untergruppe	. using screens for gravure printing
G03F 5/22	1-Punkt Untergruppe	. combining several screens; Elimination of moire
G03F 5/24	1-Punkt Untergruppe	. by multiple exposure, e.g. combined processes for line photo and screen
G03F 7/00	Hauptgruppe	Photomechanical, e.g. photolithographic, production of textured or patterned surfaces, e.g. printed surfaces; Materials therefor, e.g. comprising photoresists; Apparatus specially adapted therefor (using photoresist structures for special production processes, see the relevant places, e.g. B44C , H01L , e.g. H01L 21/00 , H05K) [3, 5]
G03F 7/004	1-Punkt Untergruppe	. Photosensitive materials (G03F 7/12 , G03F 7/14 take precedence) [5]
G03F 7/008	2-Punkt Untergruppe	. . Azides (G03F 7/075 takes precedence) [5]
G03F 7/012	3-Punkt Untergruppe	. . . Macromolecular azides; Macromolecular additives, e.g. binders [5]
G03F 7/016	2-Punkt Untergruppe	. . Diazonium salts or compounds (G03F 7/075 takes precedence) [5]
G03F 7/021	3-Punkt Untergruppe	. . . Macromolecular diazonium compounds; Macromolecular additives, e.g. binders [5]
G03F 7/022	2-Punkt Untergruppe	. . Quinonediazides (G03F 7/075 takes precedence) [5]
G03F 7/023	3-Punkt Untergruppe	. . . Macromolecular quinonediazides; Macromolecular additives, e.g. binders [5]
G03F 7/025	2-Punkt Untergruppe	. . Non-macromolecular photopolymerisable compounds having carbon-to-carbon triple bonds, e.g. acetylenic compounds (G03F 7/075 takes precedence) [5]
G03F 7/027	2-Punkt Untergruppe	. . Non-macromolecular photopolymerisable compounds having carbon-to-carbon double bonds, e.g. ethylenic compounds (G03F 7/075 takes precedence) [5]
G03F 7/028	3-Punkt Untergruppe	. . . with photosensitivity-increasing substances, e.g. photoinitiators [5]
G03F 7/029	4-Punkt Untergruppe	 Inorganic compounds; Onium compounds; Organic compounds having hetero atoms other than oxygen, nitrogen or sulfur [5]
G03F 7/031	4-Punkt Untergruppe	 Organic compounds not covered by group G03F 7/029 [5]
G03F 7/032	3-Punkt Untergruppe	. . . with binders [5]
G03F 7/033	4-Punkt Untergruppe	 the binders being polymers obtained by reactions only involving carbon-to-carbon unsaturated bonds, e.g. vinyl polymers [5]
G03F 7/035	4-Punkt Untergruppe	 the binders being polyurethanes [5]
G03F 7/037	4-Punkt Untergruppe	 the binders being polyamides or polyimides [5]
G03F 7/038	2-Punkt Untergruppe	. . Macromolecular compounds which are rendered insoluble or differentially wettable (G03F 7/075 takes precedence; macromolecular azides G03F 7/012; macromolecular diazonium compounds G03F 7/021) [5]
G03F 7/039	2-Punkt Untergruppe	. . Macromolecular compounds which are photodegradable, e.g. positive electron resists (G03F 7/075 takes precedence; macromolecular quinonediazides G03F 7/023) [5]
G03F 7/04	2-Punkt Untergruppe	. . Chromates (G03F 7/075 takes precedence) [5]
G03F 7/06	2-Punkt Untergruppe	. . Silver salts (G03F 7/075 takes precedence) [5]
G03F 7/07	3-Punkt Untergruppe	. . . used for diffusion transfer [5]
G03F 7/075	2-Punkt Untergruppe	. . Silicon-containing compounds [5]
G03F 7/085	2-Punkt Untergruppe	. . Photosensitive compositions characterised by adhesion-promoting non-macromolecular additives (G03F 7/075 takes precedence) [5]

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G03F 7/09	2-Punkt Untergruppe	. . characterised by structural details, e.g. supports, auxiliary layers (supports for printing plates in general B41N) [5]
G03F 7/095	3-Punkt Untergruppe	. . . having more than one photosensitive layer (G03F 7/075 takes precedence) [5]
G03F 7/105	3-Punkt Untergruppe	. . . having substances, e.g. indicators, for forming visible images [5]
G03F 7/11	3-Punkt Untergruppe	. . . having cover layers or intermediate layers, e.g. subbing layers [5]
G03F 7/115	3-Punkt Untergruppe	. . . having supports or layers with means for obtaining a screen effect or for obtaining better contact in vacuum printing [5]
G03F 7/12	1-Punkt Untergruppe	. Production of screen printing forms or similar printing forms, e.g. stencils
G03F 7/14	1-Punkt Untergruppe	. Production of collotype printing forms
G03F 7/16	1-Punkt Untergruppe	. Coating processes; Apparatus therefor (applying coatings to base materials in general B05; applying photosensitive compositions to the base for photographic purposes G03C 1/74)
G03F 7/18	2-Punkt Untergruppe	. . Coating curved surfaces
G03F 7/20	1-Punkt Untergruppe	. Exposure; Apparatus therefor (photographic printing apparatus for making copies G03B 27/00) [4]
G03F 7/207	2-Punkt Untergruppe	. . Means for focusing, e.g. automatically (combination of positioning and focusing G03F 9/02; systems for automatic generation of focusing signals in general G02B 7/28; means for automatic focusing of projection printing apparatus G03B 27/34) [4]
G03F 7/213	2-Punkt Untergruppe	. . Exposing with the same light pattern different positions of the same surface at the same time (G03F 7/207 takes precedence) [4]
G03F 7/22	2-Punkt Untergruppe	. . Exposing sequentially with the same light pattern different positions of the same surface (G03F 7/207 takes precedence) [4]
G03F 7/23	3-Punkt Untergruppe	. . . Automatic means therefor [4]
G03F 7/24	2-Punkt Untergruppe	. . Curved surfaces
G03F 7/26	1-Punkt Untergruppe	. Processing photosensitive materials; Apparatus therefor (G03F 7/12 to G03F 7/24 take precedence) [3, 5]
G03F 7/28	2-Punkt Untergruppe	. . for obtaining powder images (G03F 3/10 takes precedence) [5]
G03F 7/30	2-Punkt Untergruppe	. . Imagewise removal using liquid means [5]
G03F 7/32	3-Punkt Untergruppe	. . . Liquid compositions therefor, e.g. developers [5]
G03F 7/34	2-Punkt Untergruppe	. . Imagewise removal by selective transfer, e.g. peeling away [5]
G03F 7/36	2-Punkt Untergruppe	. . Imagewise removal not covered by groups G03F 7/30 to G03F 7/34 , e.g. using gas streams, using plasma [5]
G03F 7/38	2-Punkt Untergruppe	. . Treatment before imagewise removal, e.g. prebaking [5]
G03F 7/40	2-Punkt Untergruppe	. . Treatment after imagewise removal, e.g. baking [5]
G03F 7/42	2-Punkt Untergruppe	. . Stripping or agents therefor [5]
G03F 9/00	Hauptgruppe	Registration or positioning of originals, masks, frames, photographic sheets or textured or patterned surfaces, e.g. automatically (G03F 7/22 takes precedence; preparation of photographic masks G03F 1/00; within photographic printing apparatus for making copies G03B 27/00) [4]
G03F 9/02	1-Punkt Untergruppe	. combined with means for automatic focusing (automatic focusing in general G02B 7/09; systems for automatic generation of focusing signals G02B 7/28) [4]