

CPC COOPERATIVE PATENT CLASSIFICATION

G PHYSICS (NOTES omitted)

INSTRUMENTS

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

G03D APPARATUS FOR PROCESSING EXPOSED PHOTOGRAPHIC MATERIALS (apparatus specially adapted for photomechanical production of textured or patterned surfaces [G03F](#)); ACCESSORIES THEREFOR (photosensitive materials or processes for photographic purposes [G03C](#); electrographic, electrophotographic, or magnetographic methods or apparatus [G03G](#))

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.

3/00	Liquid processing apparatus involving immersion; Washing apparatus involving immersion (G03D 9/00, G03D 11/00 take precedence)	9/00	Diffusion development apparatus
3/02	• Details of liquid circulation	9/003	• {for colour films (G03D 9/02 takes precedence)}
3/04	• • Liquid agitators (in general B01F)	9/006	• {using heat (G11B 9/02 takes precedence)}
3/06	• • Liquid supply; Liquid circulation outside tanks	9/02	• using rupturable ampoules of liquid
3/065	• • • {replenishment or recovery apparatus}	9/025	• • {for colour films}
3/08	• having progressive mechanical movement of exposed material	11/00	Reversal processing apparatus
3/10	• • for plates, films, or prints held individually	13/00	Processing apparatus or accessories therefor, not covered by groups G11B 3/00 - G11B 11/00
3/12	• • for plates, films or prints spread onto belt conveyors	13/001	• {Cassette breaking apparatus}
3/13	• • for long films or prints in the shape of strips, e.g. fed by roller assembly	13/002	• {Heat development apparatus, e.g. Kalvar}
3/132	• • • {fed by roller assembly}	13/003	• {Film feed or extraction in development apparatus}
3/135	• • • {fed between chains or belts, or with a leading strip}	13/005	• • {Extraction out of a cassette and splicing of the film before feeding in a development apparatus}
3/137	• • • • {provided with transport speed regulation}	13/006	• {Temperature control of the developer}
3/14	• • • with means for taking into account of elongation or contraction of films	13/007	• {Processing control, e.g. test strip, timing devices}
3/16	• Treating exposed material in original holder	13/008	• {Safety systems}
5/00	Liquid processing apparatus in which no immersion is effected; Washing apparatus in which no immersion is effected (G11B 9/00 , G11B 11/00 take precedence; application of liquids in general B05)	13/02	• Containers; Holding-devices
5/003	• {film surface only souching the liquid}	13/04	• • Trays; Dishes; Tanks {Drums}
5/006	• {Liquid supply by means of a split or a capillarity (G03D 5/04 takes precedence)}	13/043	• • • {Tanks (G11B 13/06 takes precedence)}
5/02	• using rupturable ampoules of liquid	13/046	• • • {Drums; Films convolutely fixed on the side of the drum}
5/04	• using liquid sprays (liquid sprayers per se B05B)	13/06	• • • Light-tight tanks with provision for loading in daylight
5/06	• Applicator pads, rollers or strips	13/065	• • • • {Loading of film packs or chips}
5/062	• • {Strips}	13/08	• • Devices for holding exposed material; Devices for supporting exposed material
5/065	• • {Pads}	13/10	• • • Clips (G03D 13/14 takes precedence)
5/067	• • {Rollers}	13/12	• • • Frames (G03D 13/14 takes precedence)
7/00	Gas processing apparatus	13/125	• • • • {for several filmstrips or plates}
		13/14	• • • for holding films in spaced convolutions
		13/142	• • • • {with a spacing strip}
		13/145	• • • • {with a film loading guide}
		13/147	• • • • {for several widths of film or several films}
		15/00	Apparatus for treating processed material
		15/001	• {Counting; Classifying; Marking}

G03D

- 15/003 . . {Marking, e.g. for re-printing}
- 15/005 . . {Order systems, e.g. printsorter}
- 15/006 . {Retouching apparatus}
- 15/008 . {Application of a magnetisable sound recording stripe on a film}
- 15/02 . Drying; Glazing (combined with processing apparatus [G11B 3/00](#) - [G11B 13/00](#); drying in general [F26B](#))
- 15/022 . . {Drying of filmstrips}
- 15/025 . . {Glazing}
- 15/027 . . {Drying of plates or prints}
- 15/04 . Cutting; Splicing
- 15/043 . . {Cutting or splicing of filmstrips}
- 15/046 . . . {Automatic cutting}
- 15/06 . Applying varnish or other coating
- 15/08 . Flattening prints
- 15/10 . Mounting, e.g. of processed material in a frame ([frames specially adapted for projection G03B 21/64](#))

17/00 Dark-room arrangements not provided for in the preceding groups; Portable dark-rooms

2203/00 Liquid processing apparatus involving immersion; washing apparatus involving immersion

- 2203/02 . Details of liquid circulation
- 2203/06 . . Liquid supply
- 2203/0608 . . . Replenishment or recovery apparatus
- 2203/0616 Determining the need of replenishment
- 2203/0625 by measuring the optical density of the film
- 2203/0633 Test film density
- 2203/0641 by measuring the electrical conductivity of the processing solution
- 2203/065 by measuring the electrical resistance of the film
- 2203/0658 by sensing the level of the processing liquid
- 2203/0666 by measuring the oxidation/reduction potential of the processing liquid, i.e. degree of aging
- 2203/0675 Methods for supplying replenisher
- 2203/0683 Recovery or re-use of the processing liquid
- 2203/0691 Waste solution treatment