

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](#))

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](#))

3/00	Liquid processing apparatus involving immersion; Washing apparatus involving immersion (G03D 9/00 , G03D 11/00 take precedence)	9/025	. . {for colour films}
3/02	. Details of liquid circulation	11/00	Reversal processing apparatus
3/04	. . Liquid agitators (in general B01F)	13/00	Processing apparatus or accessories therefor, not covered by groups G11B 3/00 - G11B 11/00
3/06	. . Liquid supply; Liquid circulation outside tanks	13/001	. {Cassette breaking apparatus}
3/065	. . . {replenishment or recovery apparatus}	13/002	. {Heat development apparatus, e.g. Kalvar}
3/08	. having progressive mechanical movement of exposed material	13/003	. {Film feed or extraction in development apparatus}
3/10	. . for plates, films, or prints held individually	13/005	. . {Extraction out of a cassette and splicing of the film before feeding in a development apparatus}
3/12	. . for plates, films or prints spread onto belt conveyors	13/006	. {Temperature control of the developer}
3/13	. . for long films or prints in the shape of strips, e.g. fed by roller assembly	13/007	. {Processing control, e.g. test strip, timing devices}
3/132	. . . {fed by roller assembly}	13/008	. {Safety systems}
3/135	. . . {fed between chains or belts, or with a leading strip}	13/02	. Containers; Holding-devices
3/137	. . . . {provided with transport speed regulation}	13/04	. . Trays; Dishes; Tanks {Drums}
3/14	. . . with means for taking into account of elongation or contraction of films	13/043	. . . . {Tanks (G11B 13/06 takes precedence)}
3/16	. Treating exposed material in original holder	13/046	. . . . {Drums; Films convolutely fixed on the side of the drum}
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)	13/06	. . . Light-tight tanks with provision for loading in daylight
5/003	. {film surface only souching the liquid}	13/065	. . . . {Loading of filmpacks or chips}
5/006	. {Liquid supply by means of a split or a capillarity} (G03D 5/04 takes precedence)	13/08	. . Devices for holding exposed material; Devices for supporting exposed material
5/02	. using rupturable ampoules of liquid	13/10	. . . Clips (G03D 13/14 takes precedence)
5/04	. using liquid sprays (liquid sprayers per se B05B)	13/12	. . . Frames (G03D 13/14 takes precedence)
5/06	. Applicator pads, rollers or strips	13/125	. . . . {for several filmstrips or plates}
5/062	. . {Strips}	13/14	. . . for holding films in spaced convolutions
5/065	. . {Pads}	13/142	. . . . {with a spacing strip}
5/067	. . {Rollers}	13/145	. . . . {with a film loading guide}
7/00	Gas processing apparatus	13/147	. . . . {for several widths of film or several films}
9/00	Diffusion development apparatus	15/00	Apparatus for treating processed material
9/003	. {for colour films (G03D 9/02 takes precedence)}	15/001	. {Counting; Classifying; Marking}
9/006	. {using heat (G11B 9/02 takes precedence)}	15/003	. . {Marking, e.g. for re-printing}
9/02	. using rupturable ampoules of liquid	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}

G03D

- 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