

CPC**COOPERATIVE PATENT CLASSIFICATION****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](#))

G03D 3/00

Liquid processing apparatus involving immersion; washing apparatus involving immersion ([G03D 9/00](#), [G03D 11/00](#) take precedence)

- G03D 3/02 . Details of liquid circulation
- G03D 3/04 . . Liquid agitators (in general [B01F](#))
- G03D 3/06 . . Liquid supply; Liquid circulation outside tanks
- G03D 3/065 . . . {replenishment or recovery apparatus}
- G03D 3/08 . having progressive mechanical movement of exposed material
- G03D 3/10 . . for plates, films, or prints held individually
- G03D 3/12 . . for plates, films or prints spread onto belt conveyers
- G03D 3/13 . . for long films or prints in the shape of strips, e.g. fed by roller assembly
- G03D 3/132 . . . {fed by roller assembly}
- G03D 3/135 . . . {fed between chains or belts, or with a leading strip}
- G03D 3/137 {provided with transport speed regulation}
- G03D 3/14 . . . with means for taking into account of elongation or contraction of films
- G03D 3/16 . Treating exposed material in original holder

G03D 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](#))

- G03D 5/003 . {film surface only touching the liquid}
- G03D 5/006 . {Liquid supply by means of a split or a capillarity ([G03D 5/04](#) takes precedence)}
- G03D 5/02 . using rupturable ampoules of liquid
- G03D 5/04 . using liquid sprays (liquid sprayers per se [B05B](#))
- G03D 5/06 . Applicator pads, rollers or strips
- G03D 5/062 . . {Strips}
- G03D 5/065 . . {Pads}
- G03D 5/067 . . {Rollers}

G03D 7/00

Gas processing apparatus

G03D 9/00

Diffusion development apparatus

- G03D 9/003 . {for colour films ([G03D 9/02](#) takes precedence)}
- G03D 9/006 . {using heat ([G11B 9/02](#) takes priority)}
- G03D 9/02 . using rupturable ampoules of liquid

G03D 9/025	.. {for colour films}
G03D 11/00	Reversal processing apparatus
G03D 13/00	Processing apparatus or accessories therefor, not covered by groups <u>G11B 3/00</u> to <u>G11B 11/00</u>
G03D 13/001	. {Cassette breaking apparatus}
G03D 13/002	. {Heat development apparatus, e.g. Kalvar}
G03D 13/003	. {Film feed or extraction in development apparatus}
G03D 13/005	.. {Extraction out of a cassette and splicing of the film before feeding in a development apparatus}
G03D 13/006	. {Temperature control of the developer}
G03D 13/007	. {Processing control, e.g. test strip, timing devices}
G03D 13/008	. {Safety systems}
G03D 13/02	. Containers; Holding-devices
G03D 13/04	.. Trays; Dishes; Tanks {Drums}
G03D 13/043	... {Tanks (<u>G11B 13/06</u> takes precedence)}
G03D 13/046	... {Drums; Films convolutely fixed on the side of the drum}
G03D 13/06	... Light-tight tanks with provision for loading in daylight
G03D 13/065	.... {Loading of film packs or chips}
G03D 13/08	.. Devices for holding exposed material; Devices for supporting exposed material
G03D 13/10	... Clips (<u>G03D 13/14</u> takes precedence)
G03D 13/12	... Frames (<u>G03D 13/14</u> takes precedence)
G03D 13/125	.... {for several filmstrips or plates}
G03D 13/14	... for holding films in spaced convolutions
G03D 13/142	.... {with a spacing strip}
G03D 13/145	.... {with a film loading guide}
G03D 13/147	.... {for several widths of film or several films}
G03D 15/00	Apparatus for treating processed material
G03D 15/001	. {Counting; Classifying; Marking}
G03D 15/003	.. {Marking, e.g. for re-printing}
G03D 15/005	.. {Order systems, e.g. printsorter}
G03D 15/006	. {Retouching apparatus}
G03D 15/008	. {Application of a magnetisable sound recording stripe on a film}
G03D 15/02	. Drying; Glazing (combined with processing apparatus <u>G11B 3/00</u> to <u>G11B 13/00</u> ; drying in general <u>F26B</u>)
G03D 15/022	.. {Drying of filmstrips}
G03D 15/025	.. {Glazing}
G03D 15/027	.. {Drying of plates or prints}
G03D 15/04	. Cutting; Splicing
G03D 15/043	.. {Cutting or splicing of filmstrips}

G03D 15/046	...	{Automatic cutting}
G03D 15/06	.	Applying varnish or other coating
G03D 15/08	.	Flattening prints
G03D 15/10	.	Mounting, e.g. of processed material in a frame (frames specially adapted for projection G03B 21/64)
G03D 17/00	Dark-room arrangements not provided for in the preceding groups; portable dark-rooms	
G03D 2203/00	Liquid processing apparatus involving immersion; washing apparatus involving immersion	
G03D 2203/02	.	Details of liquid circulation
G03D 2203/06	..	Liquid supply
G03D 2203/0608	...	Replenishment or recovery apparatus
G03D 2203/0616	....	Determining the need of replenishment
G03D 2203/0625	.....	by measuring the optical density of the film
G03D 2203/0633	.....	Test film density
G03D 2203/0641	.....	by measuring the electrical conductivity of the processing solution
G03D 2203/065	.....	by measuring the electrical resistance of the film
G03D 2203/0658	.....	by sensing the level of the processing liquid
G03D 2203/0666	.....	by measuring the oxidation/reduction potential of the processing liquid, i.e. degree of aging
G03D 2203/0675	....	Methods for supplying replenisher
G03D 2203/0683	....	Recovery or re-use of the processing liquid
G03D 2203/0691	....	Waste solution treatment