

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 ([G11B 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 ([G11B 9/02C](#) 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 [G11B 3/00](#) to [G11B 11/00](#)**

- 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 ([G11B 13/06](#) 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 ([G11B 13/14](#) takes precedence)
- G03D 13/12 ... Frames ([G11B 13/14](#) 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 G11B 3/00 to G11B 13/00 ; drying in general F26B)
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