

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