

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 filmpacks 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