

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 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 (G03D 13/14 takes precedence)
G03D 13/12	... Frames (G03D 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