

**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	<ul style="list-style-type: none"> <li>using rupturable ampoules of liquid</li> </ul>
G03D 9/025	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{for colour films}</li> </ul> </li> </ul>
<b>G03D 11/00</b>	<b>Reversal processing apparatus</b>
<b>G03D 13/00</b>	<b>Processing apparatus or accessories therefor, not covered by groups <u>G11B 3/00</u> to <u>G11B 11/00</u></b>
G03D 13/001	<ul style="list-style-type: none"> <li>{Cassette breaking apparatus}</li> </ul>
G03D 13/002	<ul style="list-style-type: none"> <li>{Heat development apparatus, e.g. Kalvar}</li> </ul>
G03D 13/003	<ul style="list-style-type: none"> <li>{Film feed or extraction in development apparatus}</li> </ul>
G03D 13/005	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Extraction out of a cassette and splicing of the film before feeding in a development apparatus}</li> </ul> </li> </ul>
G03D 13/006	<ul style="list-style-type: none"> <li>{Temperature control of the developer}</li> </ul>
G03D 13/007	<ul style="list-style-type: none"> <li>{Processing control, e.g. test strip, timing devices}</li> </ul>
G03D 13/008	<ul style="list-style-type: none"> <li>{Safety systems}</li> </ul>
G03D 13/02	<ul style="list-style-type: none"> <li>Containers; Holding-devices</li> </ul>
G03D 13/04	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Trays; Dishes; Tanks {Drums}</li> </ul> </li> </ul>
G03D 13/043	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Tanks (<u>G11B 13/06</u> takes precedence)}</li> </ul> </li> </ul> </li> </ul>
G03D 13/046	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Drums; Films convolutely fixed on the side of the drum}</li> </ul> </li> </ul> </li> </ul>
G03D 13/06	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Light-tight tanks with provision for loading in daylight</li> </ul> </li> </ul> </li> </ul>
G03D 13/065	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Loading of film packs or chips}</li> </ul> </li> </ul> </li> </ul> </li> </ul>
G03D 13/08	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Devices for holding exposed material; Devices for supporting exposed material</li> </ul> </li> </ul>
G03D 13/10	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Clips (<u>G03D 13/14</u> takes precedence)</li> </ul> </li> </ul> </li> </ul>
G03D 13/12	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Frames (<u>G03D 13/14</u> takes precedence)</li> </ul> </li> </ul> </li> </ul>
G03D 13/125	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{for several filmstrips or plates}</li> </ul> </li> </ul> </li> </ul> </li> </ul>
G03D 13/14	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>for holding films in spaced convolutions</li> </ul> </li> </ul> </li> </ul>
G03D 13/142	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with a spacing strip}</li> </ul> </li> </ul> </li> </ul> </li> </ul>
G03D 13/145	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with a film loading guide}</li> </ul> </li> </ul> </li> </ul> </li> </ul>
G03D 13/147	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{for several widths of film or several films}</li> </ul> </li> </ul> </li> </ul> </li> </ul>
<b>G03D 15/00</b>	<b>Apparatus for treating processed material</b>
G03D 15/001	<ul style="list-style-type: none"> <li>{Counting; Classifying; Marking}</li> </ul>
G03D 15/003	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Marking, e.g. for re-printing}</li> </ul> </li> </ul>
G03D 15/005	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Order systems, e.g. printsorter}</li> </ul> </li> </ul>
G03D 15/006	<ul style="list-style-type: none"> <li>{Retouching apparatus}</li> </ul>
G03D 15/008	<ul style="list-style-type: none"> <li>{Application of a magnetisable sound recording stripe on a film}</li> </ul>
G03D 15/02	<ul style="list-style-type: none"> <li>Drying; Glazing (<u>combined with processing apparatus <u>G11B 3/00</u> to <u>G11B 13/00</u>; drying in general <u>F26B</u></u>)</li> </ul>
G03D 15/022	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Drying of filmstrips}</li> </ul> </li> </ul>
G03D 15/025	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Glazing}</li> </ul> </li> </ul>
G03D 15/027	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Drying of plates or prints}</li> </ul> </li> </ul>

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 <a href="#">G03B 21/64</a> )
<b>G03D 17/00</b>	<b>Dark-room arrangements not provided for in the preceding groups; portable dark-rooms</b>
<b>G03D 2203/00</b>	<b>Liquid processing apparatus involving immersion; washing apparatus involving immersion</b>
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