

# CPC COOPERATIVE PATENT CLASSIFICATION

## G PHYSICS (NOTES omitted)

### INSTRUMENTS

#### G03 PHOTOGRAPHY; CINEMATOGRAPHY; ELECTROGRAPHY; HOLOGRAPHY (reproduction of pictures or patterns by scanning and converting into electrical signals [H04N](#))

#### 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](#))

##### **WARNING**

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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| <p><b>3/00</b>    <b>Liquid processing apparatus involving immersion; Washing apparatus involving immersion</b><br/>(<a href="#">G03D 9/00</a>, <a href="#">G03D 11/00</a> take precedence)</p> <p>3/02    . Details of liquid circulation</p> <p>3/04    . . Liquid agitators (in general <a href="#">B01F</a>)</p> <p>3/06    . . Liquid supply; Liquid circulation outside tanks</p> <p>3/065   . . . {replenishment or recovery apparatus}</p> <p>3/08    . having progressive mechanical movement of exposed material</p> <p>3/10    . . for plates, films, or prints held individually</p> <p>3/12    . . for plates, films or prints spread onto belt conveyors</p> <p>3/13    . . for long films or prints in the shape of strips, e.g. fed by roller assembly</p> <p>3/132   . . . {fed by roller assembly}</p> <p>3/135   . . . {fed between chains or belts, or with a leading strip}</p> <p>3/137   . . . . {provided with transport speed regulation}</p> <p>3/14    . . . with means for taking into account of elongation or contraction of films</p> <p>3/16    . Treating exposed material in original holder</p> <p><b>5/00</b>    <b>Liquid processing apparatus in which no immersion is effected; Washing apparatus in which no immersion is effected</b> (<a href="#">G11B 9/00</a>, <a href="#">G11B 11/00</a> take precedence; application of liquids in general <a href="#">B05</a>)</p> <p>5/003   . {film surface only souching the liquid}</p> <p>5/006   . {Liquid supply by means of a split or a capillarity (<a href="#">G03D 5/04</a> takes precedence)}</p> <p>5/02    . using rupturable ampoules of liquid</p> <p>5/04    . using liquid sprays (liquid sprayers per se <a href="#">B05B</a>)</p> <p>5/06    . Applicator pads, rollers or strips</p> <p>5/062   . . {Strips}</p> <p>5/065   . . {Pads}</p> <p>5/067   . . {Rollers}</p> <p><b>7/00</b>    <b>Gas processing apparatus</b></p> <p><b>9/00</b>    <b>Diffusion development apparatus</b></p> | <p>9/003   . {for colour films (<a href="#">G03D 9/02</a> takes precedence)}</p> <p>9/006   . {using heat (<a href="#">G11B 9/02</a> takes precedence)}</p> <p>9/02    . using rupturable ampoules of liquid</p> <p>9/025   . . {for colour films}</p> <p><b>11/00</b>    <b>Reversal processing apparatus</b></p> <p><b>13/00</b>    <b>Processing apparatus or accessories therefor, not covered by groups <a href="#">G11B 3/00</a> - <a href="#">G11B 11/00</a></b></p> <p>13/001   . {Cassette breaking apparatus}</p> <p>13/002   . {Heat development apparatus, e.g. Kalvar}</p> <p>13/003   . {Film feed or extraction in development apparatus}</p> <p>13/005   . . {Extraction out of a cassette and splicing of the film before feeding in a development apparatus}</p> <p>13/006   . {Temperature control of the developer}</p> <p>13/007   . {Processing control, e.g. test strip, timing devices}</p> <p>13/008   . {Safety systems}</p> <p>13/02    . Containers; Holding-devices</p> <p>13/04    . . Trays; Dishes; Tanks {Drums}</p> <p>13/043   . . . {Tanks (<a href="#">G11B 13/06</a> takes precedence)}</p> <p>13/046   . . . {Drums; Films convolutely fixed on the side of the drum}</p> <p>13/06    . . . Light-tight tanks with provision for loading in daylight</p> <p>13/065   . . . . {Loading of film packs or chips}</p> <p>13/08    . . Devices for holding exposed material; Devices for supporting exposed material</p> <p>13/10    . . . Clips (<a href="#">G03D 13/14</a> takes precedence)</p> <p>13/12    . . . Frames (<a href="#">G03D 13/14</a> takes precedence)</p> <p>13/125   . . . . {for several filmstrips or plates}</p> <p>13/14    . . . for holding films in spaced convolutions</p> <p>13/142   . . . . {with a spacing strip}</p> <p>13/145   . . . . {with a film loading guide}</p> <p>13/147   . . . . {for several widths of film or several films}</p> <p><b>15/00</b>    <b>Apparatus for treating processed material</b></p> <p>15/001   . {Counting; Classifying; Marking}</p> <p>15/003   . . {Marking, e.g. for re-printing}</p> <p>15/005   . . {Order systems, e.g. printsorter}</p> |
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## G03D

- 15/006 . {Retouching apparatus}
- 15/008 . {Application of a magnetisable sound recording stripe on a film}
- 15/02 . Drying; Glazing (combined with processing apparatus [G11B 3/00](#) - [G11B 13/00](#); drying in general [F26B](#))
- 15/022 . . {Drying of filmstrips}
- 15/025 . . {Glazing}
- 15/027 . . {Drying of plates or prints}
- 15/04 . Cutting; Splicing
- 15/043 . . {Cutting or splicing of filmstrips}
- 15/046 . . . {Automatic cutting}
- 15/06 . Applying varnish or other coating
- 15/08 . Flattening prints
- 15/10 . Mounting, e.g. of processed material in a frame ([frames specially adapted for projection G03B 21/64](#))

### 17/00 **Dark-room arrangements not provided for in the preceding groups; Portable dark-rooms**

#### 2203/00 **Liquid processing apparatus involving immersion; washing apparatus involving immersion**

- 2203/02 . Details of liquid circulation
- 2203/06 . . Liquid supply
- 2203/0608 . . . Replenishment or recovery apparatus
- 2203/0616 . . . . Determining the need of replenishment
- 2203/0625 . . . . . by measuring the optical density of the film
- 2203/0633 . . . . . Test film density
- 2203/0641 . . . . . by measuring the electrical conductivity of the processing solution
- 2203/065 . . . . . by measuring the electrical resistance of the film
- 2203/0658 . . . . . by sensing the level of the processing liquid
- 2203/0666 . . . . . by measuring the oxidation/reduction potential of the processing liquid, i.e. degree of aging
- 2203/0675 . . . . Methods for supplying replenisher
- 2203/0683 . . . . Recovery or re-use of the processing liquid
- 2203/0691 . . . . Waste solution treatment