

# CPC COOPERATIVE PATENT CLASSIFICATION

## G PHYSICS (NOTES omitted)

### INSTRUMENTS

## G03 PHOTOGRAPHY; CINEMATOGRAPHY; ANALOGOUS TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ELECTROGRAPHY; HOLOGRAPHY (NOTES omitted)

## 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, G03D 11/00 take precedence)</a></p> <p>3/02    . Details of liquid circulation</p> <p>3/04    . . Liquid agitators (<a href="#">in general B01F</a>)</p> <p>3/06    . . Liquid supply; Liquid circulation outside tanks</p> <p>3/065   . . . {<a href="#">replenishment or recovery apparatus</a>}</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   . . . {<a href="#">fed by roller assembly</a>}</p> <p>3/135   . . . {<a href="#">fed between chains or belts, or with a leading strip</a>}</p> <p>3/137   . . . . {<a href="#">provided with transport speed regulation</a>}</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, G11B 11/00 take precedence; application of liquids in general B05</a>)</p> <p>5/003   . {<a href="#">film surface only souching the liquid</a>}</p> <p>5/006   . {<a href="#">Liquid supply by means of a split or a capillarity (G03D 5/04 takes precedence)</a>}</p> <p>5/02    . using rupturable ampoules of liquid</p> <p>5/04    . using liquid sprays (<a href="#">liquid sprayers per se B05B</a>)</p> <p>5/06    . Applicator pads, rollers or strips</p> <p>5/062   . . {<a href="#">Strips</a>}</p> <p>5/065   . . {<a href="#">Pads</a>}</p> <p>5/067   . . {<a href="#">Rollers</a>}</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 takes precedence</a>)}</p> <p>9/006   . {<a href="#">using heat (G11B 9/02 takes precedence)</a>}</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   . {<a href="#">Cassette breaking apparatus</a>}</p> <p>13/002   . {<a href="#">Heat development apparatus, e.g. Kalvar</a>}</p> <p>13/003   . {<a href="#">Film feed or extraction in development apparatus</a>}</p> <p>13/005   . . {<a href="#">Extraction out of a cassette and splicing of the film before feeding in a development apparatus</a>}</p> <p>13/006   . {<a href="#">Temperature control of the developer</a>}</p> <p>13/007   . {<a href="#">Processing control, e.g. test strip, timing devices</a>}</p> <p>13/008   . {<a href="#">Safety systems</a>}</p> <p>13/02    . Containers; Holding-devices</p> <p>13/04    . . Trays; Dishes; Tanks {; <a href="#">Drums</a>}</p> <p>13/043   . . . {<a href="#">Tanks (G11B 13/06 takes precedence)</a>}</p> <p>13/046   . . . {<a href="#">Drums; Films convolutely fixed on the side of the drum</a>}</p> <p>13/06    . . . Light-tight tanks with provision for loading in daylight</p> <p>13/065   . . . . {<a href="#">Loading of film packs or chips</a>}</p> <p>13/08    . . Devices for holding exposed material; Devices for supporting exposed material</p> <p>13/10    . . . Clips (<a href="#">G03D 13/14 takes precedence</a>)</p> <p>13/12    . . . Frames (<a href="#">G03D 13/14 takes precedence</a>)</p> <p>13/125   . . . . {for several filmstrips or plates}</p> <p>13/14    . . . for holding films in spaced convolutions</p> <p>13/142   . . . . {<a href="#">with a spacing strip</a>}</p> <p>13/145   . . . . {<a href="#">with a film loading guide</a>}</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   . {<a href="#">Counting; Classifying; Marking</a>}</p> |
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## G03D

- 15/003 . . {Marking, e.g. for re-printing}
- 15/005 . . {Order systems, e.g. printsorter}
- 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