

| Symbol           | Typ                 | Titel                                                                                                                                                                                                                                                                   |
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| <b>G</b>         | <b>Sektion</b>      | <b>PHYSICS</b>                                                                                                                                                                                                                                                          |
| <b>G03</b>       | <b>Klasse</b>       | <b>PHOTOGRAPHY; CINEMATOGRAPHY; ANALOGOUS TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ELECTROGRAPHY; HOLOGRAPHY (reproduction of pictures or patterns by scanning and converting into electrical signals H04N) [4]</b>                                             |
| <b>G03G</b>      | <b>Unterklasse</b>  | <b>ELECTROGRAPHY; ELECTROPHOTOGRAPHY; MAGNETOGRAPHY (information storage based on relative movement between record carrier and transducer G11B; static stores with means for writing-in or reading-out information G11C; recording of television signals H04N 5/76)</b> |
| <b>G03G 5/00</b> | <b>Hauptgruppe</b>  | <b>Recording-members for original recording by exposure e.g. to light, to heat, to electrons; Manufacture thereof; Selection of materials therefor (recording surfaces for measuring apparatus G01D 15/34; photosensitive materials for photographic purposes G03C)</b> |
| G03G 5/02        | 1-Punkt Untergruppe | . Charge-receiving layers (G03G 5/153 takes precedence) [5]                                                                                                                                                                                                             |
| G03G 5/022       | 2-Punkt Untergruppe | . . Layers for surface-deformation imaging, e.g. frost imaging [2]                                                                                                                                                                                                      |
| G03G 5/024       | 2-Punkt Untergruppe | . . Photoelectret layers [2]                                                                                                                                                                                                                                            |
| G03G 5/026       | 2-Punkt Untergruppe | . . Layers in which during the irradiation a chemical reaction occurs whereby electrically conductive patterns are formed in the layers, e.g. for chemixerography [2]                                                                                                   |
| G03G 5/028       | 2-Punkt Untergruppe | . . Layers in which after being exposed to heat patterns electrically conductive patterns are formed in the layers, e.g. for thermoxerography [2]                                                                                                                       |
| G03G 5/04        | 2-Punkt Untergruppe | . . Photoconductive layers; Charge-generation layers or charge-transporting layers; Additives therefor; Binders therefor [2, 5]                                                                                                                                         |
| G03G 5/043       | 3-Punkt Untergruppe | . . . Photoconductive layers characterised by having two or more layers or characterised by their composite structure [5]                                                                                                                                               |
| G03G 5/047       | 4-Punkt Untergruppe | . . . . characterised by the charge-generation layers or charge-transporting layers [5]                                                                                                                                                                                 |
| G03G 5/05        | 3-Punkt Untergruppe | . . . Organic bonding materials; Methods for coating a substrate with a photoconductive layer; Inert supplements for use in photoconductive layers [2]                                                                                                                  |
| G03G 5/06        | 3-Punkt Untergruppe | . . . characterised by the photoconductive material being organic [5]                                                                                                                                                                                                   |
| G03G 5/07        | 4-Punkt Untergruppe | . . . . Polymeric photoconductive materials [2]                                                                                                                                                                                                                         |
| G03G 5/08        | 3-Punkt Untergruppe | . . . characterised by the photoconductive material being inorganic [2, 5]                                                                                                                                                                                              |
| G03G 5/082       | 4-Punkt Untergruppe | . . . . and not being incorporated in a bonding material, e.g. vacuum deposited [2]                                                                                                                                                                                     |
| G03G 5/085       | 4-Punkt Untergruppe | . . . . and being incorporated in an inorganic bonding material, e.g. glass-like layers [2]                                                                                                                                                                             |
| G03G 5/087       | 4-Punkt Untergruppe | . . . . and being incorporated in an organic bonding material [2]                                                                                                                                                                                                       |
| G03G 5/09        | 3-Punkt Untergruppe | . . . Sensitisers or activators, e.g. dyestuffs (G03G 5/12 takes precedence) [2]                                                                                                                                                                                        |
| G03G 5/10        | 1-Punkt Untergruppe | . Bases for charge-receiving or other layers                                                                                                                                                                                                                            |
| G03G 5/12        | 1-Punkt Untergruppe | . Recording members for multicolour processes [2]                                                                                                                                                                                                                       |
| G03G 5/14        | 1-Punkt Untergruppe | . Inert intermediate or cover layers for charge- receiving layers (G03G 5/04 takes precedence) [2, 5]                                                                                                                                                                   |
| G03G 5/147       | 2-Punkt Untergruppe | . . Cover layers [5]                                                                                                                                                                                                                                                    |
| G03G 5/153       | 1-Punkt Untergruppe | . Charge-receiving layers combined with additional photo- or thermo-sensitive, but not photoconductive, layers, e.g. silver-salt layers [5]                                                                                                                             |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                                                                                                                                              |
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| G03G 5/16         | 1-Punkt Untergruppe | . Layers for recording by changing the magnetic properties, e.g. for Curie-point-writing [3]                                                                                                                                                                                                                                                       |
| <b>G03G 7/00</b>  | <b>Hauptgruppe</b>  | <b>Selection of materials for use in image-receiving members, i.e. for reversal by physical contact; Manufacture thereof (photosensitive materials for photographic purposes G03C)</b>                                                                                                                                                             |
| <b>G03G 8/00</b>  | <b>Hauptgruppe</b>  | <b>Layers covering the final reproduction, e.g. for protecting, for writing thereon [2]</b>                                                                                                                                                                                                                                                        |
| <b>G03G 9/00</b>  | <b>Hauptgruppe</b>  | <b>Developers [5]</b>                                                                                                                                                                                                                                                                                                                              |
| G03G 9/06         | 1-Punkt Untergruppe | . the developer being electrolytic                                                                                                                                                                                                                                                                                                                 |
| G03G 9/08         | 1-Punkt Untergruppe | . with toner particles [2]                                                                                                                                                                                                                                                                                                                         |
| G03G 9/083        | 2-Punkt Untergruppe | . . Magnetic toner particles [5]                                                                                                                                                                                                                                                                                                                   |
| G03G 9/087        | 2-Punkt Untergruppe | . . Binders for toner particles [5]                                                                                                                                                                                                                                                                                                                |
| G03G 9/09         | 2-Punkt Untergruppe | . . Colouring agents for toner particles [5]                                                                                                                                                                                                                                                                                                       |
| G03G 9/093        | 2-Punkt Untergruppe | . . Encapsulated toner particles [5]                                                                                                                                                                                                                                                                                                               |
| G03G 9/097        | 2-Punkt Untergruppe | . . Plasticisers; Charge controlling agents [5]                                                                                                                                                                                                                                                                                                    |
| G03G 9/10         | 2-Punkt Untergruppe | . . characterised by carrier particles [2, 5]                                                                                                                                                                                                                                                                                                      |
| G03G 9/107        | 3-Punkt Untergruppe | . . . having magnetic components [5]                                                                                                                                                                                                                                                                                                               |
| G03G 9/113        | 3-Punkt Untergruppe | . . . having coatings applied thereto [5]                                                                                                                                                                                                                                                                                                          |
| G03G 9/12         | 2-Punkt Untergruppe | . . in liquid developer mixtures [2]                                                                                                                                                                                                                                                                                                               |
| G03G 9/125        | 3-Punkt Untergruppe | . . . characterised by the liquid [5]                                                                                                                                                                                                                                                                                                              |
| G03G 9/13         | 3-Punkt Untergruppe | . . . characterised by polymer components [5]                                                                                                                                                                                                                                                                                                      |
| G03G 9/135        | 3-Punkt Untergruppe | . . . characterised by stabiliser or charge-controlling agents [5]                                                                                                                                                                                                                                                                                 |
| G03G 9/16         | 1-Punkt Untergruppe | . Developers not provided for in groups G03G 9/06 to G03G 9/135 , e.g. solutions, aerosols [2]                                                                                                                                                                                                                                                     |
| G03G 9/18         | 2-Punkt Untergruppe | . . Differentially-wetting liquid developers [2]                                                                                                                                                                                                                                                                                                   |
| <b>G03G 11/00</b> | <b>Hauptgruppe</b>  | <b>Selection of substances for use as fixing agents</b>                                                                                                                                                                                                                                                                                            |
| <b>G03G 13/00</b> | <b>Hauptgruppe</b>  | <b>Electrographic processes using a charge pattern (G03G 15/00 , G03G 16/00 , G03G 17/00 take precedence) [2, 5]</b>                                                                                                                                                                                                                               |
| G03G 13/01        | 1-Punkt Untergruppe | . for multicoloured copies [2]                                                                                                                                                                                                                                                                                                                     |
| G03G 13/02        | 1-Punkt Untergruppe | . Sensitising, i.e. laying-down a uniform charge (devices for corona discharge per se H01T 19/00)                                                                                                                                                                                                                                                  |
| G03G 13/04        | 1-Punkt Untergruppe | . Exposing, i.e. imagewise exposure by optically projecting the original image on a photoconductive recording material [6]                                                                                                                                                                                                                         |
| G03G 13/045       | 2-Punkt Untergruppe | . . Charging or discharging distinct portions of the charge pattern on the recording material, e.g. discharging non-image areas, contrast enhancement (G03G 13/34 , G03G 15/36 , G03G 21/06 take precedence) [6]                                                                                                                                   |
| G03G 13/05        | 1-Punkt Untergruppe | . Imagewise charging, i.e. laying-down a charge in the configuration of an original image using a modulated stream of charged particles, e.g. of corona ions, modulated by a photoconductive control screen bearing a charge pattern or by optically activated charging means (using charging means controlled by electric image signals B41J) [6] |
| G03G 13/054       | 1-Punkt Untergruppe | . using X-rays, e.g. electroradiography [6]                                                                                                                                                                                                                                                                                                        |
| G03G 13/056       | 1-Punkt Untergruppe | . using internal polarisation [2, 6]                                                                                                                                                                                                                                                                                                               |
| G03G 13/06        | 1-Punkt Untergruppe | . Developing                                                                                                                                                                                                                                                                                                                                       |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                     |
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| G03G 13/08        | 2-Punkt Untergruppe | . . using a solid developer, e.g. powder developer                                                                                                                                                                        |
| G03G 13/09        | 3-Punkt Untergruppe | . . . using magnetic brush [2]                                                                                                                                                                                            |
| G03G 13/095       | 3-Punkt Untergruppe | . . . Removing excess solid developer [6]                                                                                                                                                                                 |
| G03G 13/10        | 2-Punkt Untergruppe | . . using a liquid developer                                                                                                                                                                                              |
| G03G 13/11        | 3-Punkt Untergruppe | . . . Removing excess liquid developer, e.g. by heat [6]                                                                                                                                                                  |
| G03G 13/14        | 1-Punkt Untergruppe | . Transferring a pattern to a second base                                                                                                                                                                                 |
| G03G 13/16        | 2-Punkt Untergruppe | . . of a toner pattern, e.g. a powder pattern                                                                                                                                                                             |
| G03G 13/18        | 2-Punkt Untergruppe | . . of a charge pattern                                                                                                                                                                                                   |
| G03G 13/20        | 1-Punkt Untergruppe | . Fixing, e.g. by using heat                                                                                                                                                                                              |
| G03G 13/22        | 1-Punkt Untergruppe | . Processes involving the combination of more than one step according to groups G03G 13/02 to G03G 13/20 ( G03G 13/01 takes precedence) [2]                                                                               |
| G03G 13/23        | 2-Punkt Untergruppe | . . specially adapted for copying both sides of an original or for copying on both sides of a recording or image-receiving material [6]                                                                                   |
| G03G 13/24        | 2-Punkt Untergruppe | . . whereby at least two steps are performed simultaneously [2]                                                                                                                                                           |
| G03G 13/26        | 1-Punkt Untergruppe | . for the production of printing plates for non-xerographic printing processes [2]                                                                                                                                        |
| G03G 13/28        | 2-Punkt Untergruppe | . . Planographic printing plates [2]                                                                                                                                                                                      |
| G03G 13/30        | 2-Punkt Untergruppe | . . Hectographic masters [2]                                                                                                                                                                                              |
| G03G 13/32        | 2-Punkt Untergruppe | . . Relief printing plates [2]                                                                                                                                                                                            |
| G03G 13/34        | 1-Punkt Untergruppe | . Editing, i.e. producing a composite image by copying one or more original images or parts thereof [6]                                                                                                                   |
| <b>G03G 15/00</b> | <b>Hauptgruppe</b>  | <b>Apparatus for electrographic processes using a charge pattern (G03G 16/00 , G03G 17/00 take precedence) [2, 5]</b>                                                                                                     |
| G03G 15/01        | 1-Punkt Untergruppe | . for producing multicoloured copies [2]                                                                                                                                                                                  |
| G03G 15/02        | 1-Punkt Untergruppe | . for laying down a uniform charge, e.g. for sensitising; Corona discharge devices (G03G 15/14 takes precedence) [6]                                                                                                      |
| G03G 15/04        | 1-Punkt Untergruppe | . for exposing, i.e. imagewise exposure by optically projecting the original image on a photoconductive recording material [6]                                                                                            |
| G03G 15/041       | 2-Punkt Untergruppe | . . with variable magnification [6]                                                                                                                                                                                       |
| G03G 15/043       | 2-Punkt Untergruppe | . . with means for controlling illumination or exposure (G03G 15/041 takes precedence) [6]                                                                                                                                |
| G03G 15/045       | 2-Punkt Untergruppe | . . with means for charging or discharging distinct portions of the charge pattern on the recording material, e.g. for contrast enhancement or discharging non-image areas (G03G 15/36 , G03G 21/06 take precedence ) [6] |
| G03G 15/047       | 3-Punkt Untergruppe | . . . for discharging non-image areas [6]                                                                                                                                                                                 |
| G03G 15/05        | 1-Punkt Untergruppe | . for imagewise charging, e.g. photoconductive control screen, optically activated charging means (charging means controlled by electric image signals B41J) [6]                                                          |
| G03G 15/054       | 1-Punkt Untergruppe | . using X-rays, e.g. electroradiography [6]                                                                                                                                                                               |
| G03G 15/056       | 1-Punkt Untergruppe | . using internal polarisation [2, 6]                                                                                                                                                                                      |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                                                                                                                                           |
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| G03G 15/06        | 1-Punkt Untergruppe | . for developing                                                                                                                                                                                                                                                                                                                                |
| G03G 15/08        | 2-Punkt Untergruppe | . . using a solid developer, e.g. powder developer                                                                                                                                                                                                                                                                                              |
| G03G 15/09        | 3-Punkt Untergruppe | . . . using magnetic brush [2]                                                                                                                                                                                                                                                                                                                  |
| G03G 15/095       | 3-Punkt Untergruppe | . . . Removing excess solid developer [6]                                                                                                                                                                                                                                                                                                       |
| G03G 15/10        | 2-Punkt Untergruppe | . . using a liquid developer                                                                                                                                                                                                                                                                                                                    |
| G03G 15/11        | 3-Punkt Untergruppe | . . . Removing excess liquid developer e.g. by heat [6]                                                                                                                                                                                                                                                                                         |
| G03G 15/14        | 1-Punkt Untergruppe | . for transferring a pattern to a second base                                                                                                                                                                                                                                                                                                   |
| G03G 15/16        | 2-Punkt Untergruppe | . . of a toner pattern, e.g. a powder pattern                                                                                                                                                                                                                                                                                                   |
| G03G 15/18        | 2-Punkt Untergruppe | . . of a charge pattern                                                                                                                                                                                                                                                                                                                         |
| G03G 15/20        | 1-Punkt Untergruppe | . for fixing, e.g. by using heat                                                                                                                                                                                                                                                                                                                |
| G03G 15/22        | 1-Punkt Untergruppe | . involving the combination of more than one step according to groups G03G 13/02 to G03G 13/20 (G03G 15/01 takes precedence) [2]                                                                                                                                                                                                                |
| G03G 15/23        | 2-Punkt Untergruppe | . . specially adapted for copying both sides of an original or for copying on both sides of a recording or image-receiving material [6]                                                                                                                                                                                                         |
| G03G 15/24        | 2-Punkt Untergruppe | . . whereby at least two steps are performed simultaneously [2]                                                                                                                                                                                                                                                                                 |
| G03G 15/26        | 2-Punkt Untergruppe | . . in which the charge pattern is obtained by projection of the entire image, i.e. whole-frame projection (G03G 15/04 takes precedence) [2, 6]                                                                                                                                                                                                 |
| G03G 15/28        | 2-Punkt Untergruppe | . . in which projection is obtained by line scanning (G03G 15/04 takes precedence) [2, 6]                                                                                                                                                                                                                                                       |
| G03G 15/30        | 3-Punkt Untergruppe | . . . in which projection is formed on a drum [2]                                                                                                                                                                                                                                                                                               |
| G03G 15/32        | 2-Punkt Untergruppe | . . in which the charge pattern is formed dotwise (G03G 15/04 , G03G 15/05 , G03G 15/34 take precedence) [2, 6]                                                                                                                                                                                                                                 |
| G03G 15/34        | 2-Punkt Untergruppe | . . in which the powder image is formed directly on the recording material [6]                                                                                                                                                                                                                                                                  |
| G03G 15/36        | 1-Punkt Untergruppe | . Editing, i.e. producing a composite image by copying one or more original images or parts thereof [6]                                                                                                                                                                                                                                         |
| <b>G03G 16/00</b> | <b>Hauptgruppe</b>  | <b>Electrographic processes using deformation of thermoplastic layers (layers for surface-deformation imaging G03G 5/022); Apparatus therefor [2, 6]</b>                                                                                                                                                                                        |
| <b>G03G 17/00</b> | <b>Hauptgruppe</b>  | <b>Electrographic processes using patterns other than charge patterns, e.g. an electric conductivity pattern; Processes involving a migration; e.g. photoelectrophoresis, photoelectrosolography; Processes involving a selective transfer, e.g. electrophoto-adhesive processes; Apparatus essentially involving a single such process [5]</b> |
| G03G 17/02        | 1-Punkt Untergruppe | . with electrolytic development [2]                                                                                                                                                                                                                                                                                                             |
| G03G 17/04        | 1-Punkt Untergruppe | . using photoelectrophoresis [2]                                                                                                                                                                                                                                                                                                                |
| G03G 17/06        | 2-Punkt Untergruppe | . . Apparatus therefor [5]                                                                                                                                                                                                                                                                                                                      |
| G03G 17/08        | 1-Punkt Untergruppe | . using an electrophoto-adhesive process, e.g. manifold imaging [5]                                                                                                                                                                                                                                                                             |
| G03G 17/10        | 1-Punkt Untergruppe | . using migration imaging, e.g. photoelectrosolography (G03G 17/04 takes precedence) [5]                                                                                                                                                                                                                                                        |
| <b>G03G 19/00</b> | <b>Hauptgruppe</b>  | <b>Processes using magnetic patterns; Apparatus therefor</b>                                                                                                                                                                                                                                                                                    |
| <b>G03G 21/00</b> | <b>Hauptgruppe</b>  | <b>Arrangements not provided for by groups G03G 13/00 to G03G 19/00 , e.g. cleaning, elimination of residual charge [2]</b>                                                                                                                                                                                                                     |
| G03G 21/02        | 1-Punkt Untergruppe | . Counting the number of copies; Billing [6]                                                                                                                                                                                                                                                                                                    |

| Symbol     | Typ                 | Titel                                                                                               |
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| G03G 21/04 | 1-Punkt Untergruppe | . Preventing copies being made of an original [6]                                                   |
| G03G 21/06 | 1-Punkt Untergruppe | . Eliminating residual charges from a reusable imaging member [6]                                   |
| G03G 21/08 | 2-Punkt Untergruppe | . . using optical radiation [6]                                                                     |
| G03G 21/10 | 1-Punkt Untergruppe | . Collecting or recycling waste developer [6]                                                       |
| G03G 21/12 | 2-Punkt Untergruppe | . . Toner waste containers [6]                                                                      |
| G03G 21/14 | 1-Punkt Untergruppe | . Electronic sequencing control [6]                                                                 |
| G03G 21/16 | 1-Punkt Untergruppe | . Mechanical means for facilitating the maintenance of the apparatus, e.g. modular arrangements [6] |
| G03G 21/18 | 2-Punkt Untergruppe | . . using a processing cartridge [6]                                                                |
| G03G 21/20 | 1-Punkt Untergruppe | . Humidity or temperature control [6]                                                               |