

# CPC COOPERATIVE PATENT CLASSIFICATION

## D TEXTILES; PAPER

### TEXTILES OR FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

#### D06 TREATMENT OF TEXTILES OR THE LIKE; LAUNDERING; FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

#### D06L DRY-CLEANING, WASHING OR BLEACHING FIBRES, FILAMENTS, THREADS, YARNS, FABRICS, FEATHERS OR MADE-UP FIBROUS GOODS; BLEACHING LEATHER OR FURS

##### NOTES

1. In this subclass, the term "bleaching" also covers "optical bleaching".
2. This subclass does not cover treatment of textiles by purely mechanical means, which is covered by subclasses [D06B](#), [D06C](#) or [D06F](#).

|             |   |       |   |
|-------------|---|-------|---|
| <b>1/00</b> | <b>Dry-cleaning or washing fibres, filaments, threads, yarns, fabrics, feathers or made-up fibrous goods</b>              | 4/60  | . Optical bleaching or brightening  |
| 1/01        | . using only solid or pasty agents  | 4/607 | . . in organic solvents   |
| 1/02        | . using organic solvents  | 4/614 | . . in aqueous solvents   |
| 1/04        | . . combined with specific additives ( <a href="#">D06L 1/06 takes precedence</a> )                                       | 4/621 | . . . with anionic brighteners  |
| 1/06        | . . De-sizing   | 4/629 | . . . with cationic brighteners   |
| 1/08        | . . Multi-step processes  | 4/636 | . . . with disperse brighteners   |
| 1/10        | . . Regeneration of used chemical baths   | 4/643 | . . wherein the brightener is introduced in a gaseous environment or in solid phase, e.g. by transfer, by use of powders or by use of super-critical fluids |
| 1/12        | . using aqueous solvents  | 4/65  | . . with mixtures of optical brighteners  |
| 1/14        | . . De-sizing   | 4/657 | . . combined with other treatments, e.g. finishing, bleaching, softening, dyeing or pigment printing  |
| 1/16        | . . Multi-step processes  | 4/664 | . . Preparations of optical brighteners; Optical brighteners in aerosol form; Physical treatment of optical brighteners                                     |
| 1/18        | . . Working under pressure in closed vessels  | 4/671 | . . Optical brightening assistants, e.g. enhancers or boosters  |
| 1/20        | . . combined with mechanical means  | 4/679 | . . Fixing treatments in optical brightening, e.g. heating, steaming or acid shock  |
| 1/22        | . Processes involving successive treatments with aqueous and organic agents   | 4/686 | . . Fugitive optical brightening; Discharge of optical brighteners in discharge paste; Blueing; Differential optical brightening                            |
| <b>4/00</b> | <b>Bleaching fibres, filaments, threads, yarns, fabrics, feathers or made-up fibrous goods; Bleaching leather or furs</b> | 4/693 | . . . Blueing with mixtures of dyes; Blueing with mixtures of dyes and optical brighteners  |
| 4/10        | . using agents which develop oxygen ( <a href="#">D06L 4/20 takes precedence</a> )  | 4/70  | . Multi-step processes  |
| 4/12        | . . combined with specific additives  | 4/75  | . . combined with cleaning or washing   |
| 4/13        | . . using inorganic agents  |       |   |
| 4/15        | . . using organic agents  |       |   |
| 4/17        | . . in an inert solvent   |       |   |
| 4/18        | . . in a gaseous environment  |       |   |
| 4/20        | . using agents which contain halogen  |       |   |
| 4/21        | . . combined with specific additives ( <a href="#">D06L 4/24 takes precedence</a> )                                       |       |   |
| 4/22        | . . using inorganic agents  |       |   |
| 4/23        | . . . using hypohalogenites   |       |   |
| 4/24        | . . . using chlorites or chlorine dioxide   |       |   |
| 4/26        | . . . . combined with specific additives  |       |   |
| 4/27        | . . using organic agents  |       |   |
| 4/28        | . . in an inert solvent ( <a href="#">D06L 4/24 takes precedence</a> )  |       |   |
| 4/29        | . . in a gaseous environment ( <a href="#">D06L 4/24 takes precedence</a> )   |       |   |
| 4/30        | . using reducing agents   |       |   |
| 4/40        | . using enzymes   |       |   |
| 4/50        | . by irradiation or ozonisation   |       |   |